

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120221\
 Data File : VN069703.D
 Acq On : 2 Dec 2021 18:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 03 07:49:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 07:46:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1080006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1801988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1707697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	732447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	885034	54.441	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.880%			
35) Dibromofluoromethane	8.024	113	607943	54.602	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.200%			
50) Toluene-d8	10.443	98	2448696	55.977	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.960%			
62) 4-Bromofluorobenzene	12.731	95	882455	55.152	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	715344	60.070	ug/l	100
3) Chloromethane	2.303	50	832162	59.387	ug/l	100
4) Vinyl Chloride	2.445	62	785287	57.070	ug/l	98
5) Bromomethane	2.837	94	427780	48.682	ug/l	98
6) Chloroethane	3.009	64	474516	51.892	ug/l	98
7) Trichlorofluoromethane	3.368	101	1019790	49.436	ug/l	99
8) Diethyl Ether	3.821	74	396334	57.141	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.202	101	571088	56.895	ug/l	96
10) Methyl Iodide	4.414	142	824899	64.146	ug/l	97
11) Tert butyl alcohol	5.390	59	859072	290.682	ug/l	99
12) 1,1-Dichloroethene	4.175	96	550361	60.359	ug/l	89
13) Acrolein	4.038	56	677633	745.768	ug/l	100
14) Allyl chloride	4.838	41	1245888	61.474	ug/l	94
15) Acrylonitrile	5.556	53	2327052	307.822	ug/l	99
16) Acetone	4.291	43	2742081	309.496	ug/l	96
17) Carbon Disulfide	4.524	76	1456804	65.970	ug/l	99
18) Methyl Acetate	4.856	43	1596384	56.335	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	2165984	56.936	ug/l	95
20) Methylene Chloride	5.092	84	677816	54.828	ug/l #	87
21) trans-1,2-Dichloroethene	5.594	96	598906	58.956	ug/l	88
22) Diisopropyl ether	6.498	45	2493236	58.032	ug/l	95
23) Vinyl Acetate	6.436	43	10478714	311.645	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1266716	57.739	ug/l	98
25) 2-Butanone	7.337	43	3768104	313.863	ug/l	93
26) 2,2-Dichloropropane	7.327	77	977252	57.535	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	730299	58.332	ug/l	88
28) Bromochloromethane	7.656	49	650660	57.602	ug/l #	81
29) Tetrahydrofuran	7.686	42	2318039	315.784	ug/l	89
30) Chloroform	7.820	83	1276843	57.059	ug/l	99
31) Cyclohexane	8.094	56	1221435	54.893	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	1115736	59.502	ug/l	96
36) 1,1-Dichloropropene	8.222	75	942263	60.240	ug/l	96
37) Ethyl Acetate	7.415	43	1403931	65.335	ug/l	95
38) Carbon Tetrachloride	8.206	117	928105	61.323	ug/l	100
39) Methylcyclohexane	9.461	83	1143049	59.271	ug/l	90
40) Benzene	8.461	78	2854855	59.171	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	676797	61.000	ug/l	89
42) 1,2-Dichloroethane	8.531	62	1139609	60.030	ug/l	97
43) Isopropyl Acetate	8.563	43	2087633	61.281	ug/l #	94
44) Trichloroethene	9.217	130	686296	59.388	ug/l	93
45) 1,2-Dichloropropane	9.491	63	761899	59.249	ug/l	100
46) Dibromomethane	9.577	93	504439	58.648	ug/l	94
47) Bromodichloromethane	9.762	83	980588	61.089	ug/l	100
48) Methyl methacrylate	9.561	41	978967	61.571	ug/l	87
49) 1,4-Dioxane	9.571	88	352810	1234.117	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	7069389	320.405	ug/l	95
52) Toluene	10.507	92	1778758	59.540	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	1071691	63.623	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	1158158	63.008	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	710168	59.061	ug/l	97
56) Ethyl methacrylate	10.762	69	1252886	62.437	ug/l #	87
57) 1,3-Dichloropropane	11.046	76	1252432	59.026	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1601061	336.283	ug/l	92
59) 2-Hexanone	11.087	43	5333365	323.883	ug/l	93
60) Dibromochloromethane	11.240	129	712698	63.039	ug/l	100
61) 1,2-Dibromoethane	11.347	107	748812	61.266	ug/l	100
64) Tetrachloroethene	10.979	164	627282	58.913	ug/l	95
65) Chlorobenzene	11.771	112	1883629	57.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	687772	60.651	ug/l	99
67) Ethyl Benzene	11.846	91	3544015	58.860	ug/l	96
68) m/p-Xylenes	11.953	106	2593683	117.578	ug/l	93
69) o-Xylene	12.283	106	1299249	59.029	ug/l	93
70) Styrene	12.294	104	2123410	60.027	ug/l	96
71) Bromoform	12.460	173	531324	65.077	ug/l #	99
73) Isopropylbenzene	12.581	105	3413575	56.944	ug/l	98
74) N-amyl acetate	12.387	43	1579313	61.578	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1161394	57.168	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	1106327m	58.374	ug/l	
77) Bromobenzene	12.862	156	789475	57.337	ug/l	79
78) n-propylbenzene	12.921	91	3914375	58.016	ug/l	96
79) 2-Chlorotoluene	13.010	91	2385681	56.966	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2801925	57.760	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	332946	62.511	ug/l	94
82) 4-Chlorotoluene	13.106	91	2281756	57.221	ug/l	93
83) tert-Butylbenzene	13.323	119	2466135	58.048	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2739851	58.566	ug/l	98
85) sec-Butylbenzene	13.503	105	3426257	57.924	ug/l	97
86) p-Isopropyltoluene	13.616	119	2714262	57.961	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1339761	56.662	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1287449	55.618	ug/l	97
89) n-Butylbenzene	13.943	91	2230375	57.395	ug/l	98
90) Hexachloroethane	14.211	117	482261	62.026	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1295914	57.485	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	221544	66.425	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	601065	60.849	ug/l	98
94) Hexachlorobutadiene	15.370	225	352287	59.963	ug/l	100
95) Naphthalene	15.507	128	1734728	64.365	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	596267	62.544	ug/l	99

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ClientSampleId :
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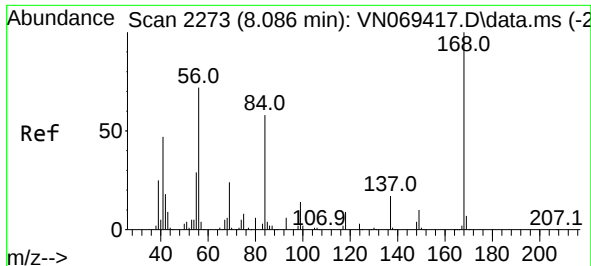
Manual Integrations
APPROVED

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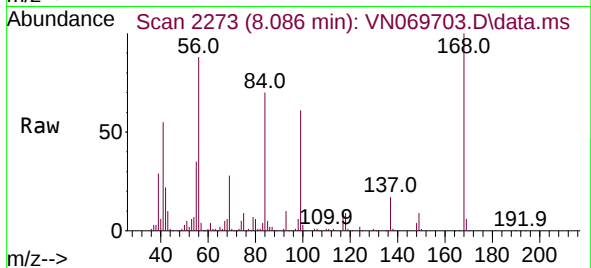
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069703.D
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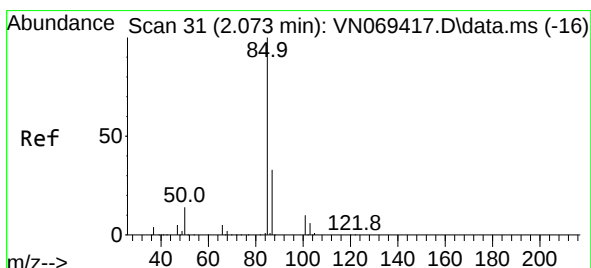
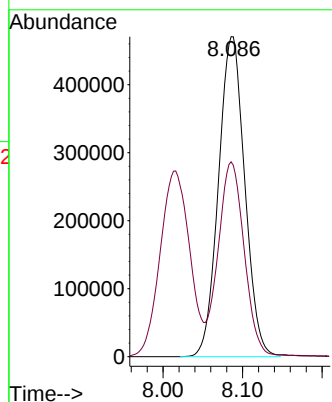
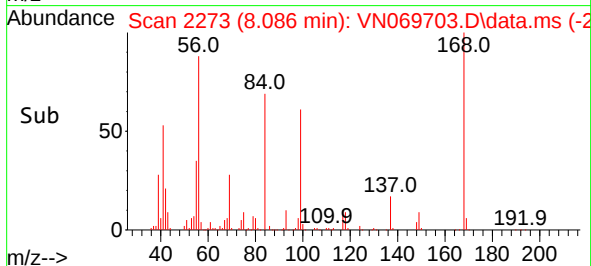
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 108000
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9

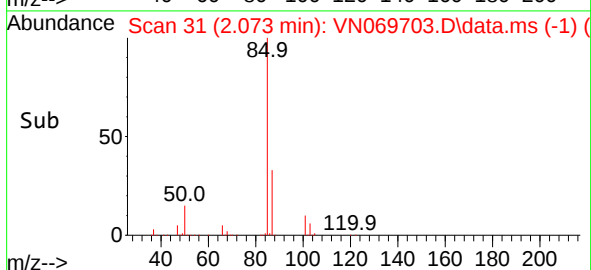
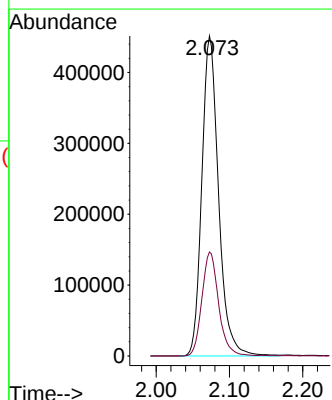
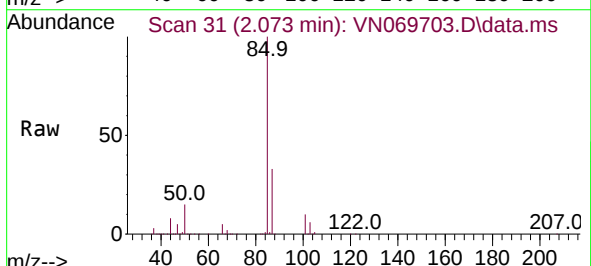
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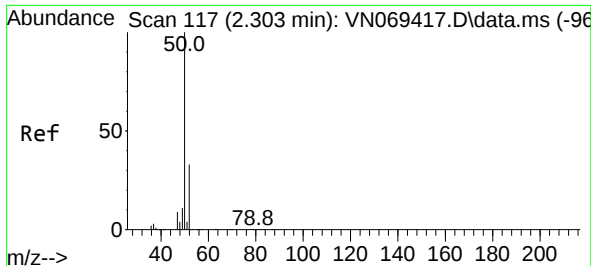
Reviewed By :John Carlone 12/03/2021
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#2
Dichlorodifluoromethane
Concen: 60.070 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion: 85 Resp: 715344
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





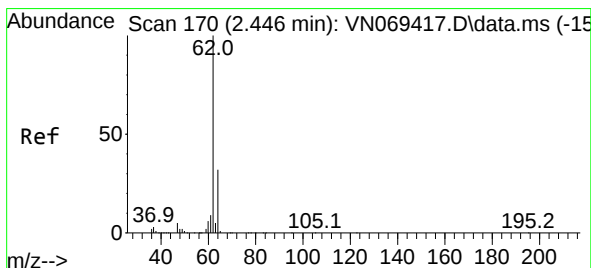
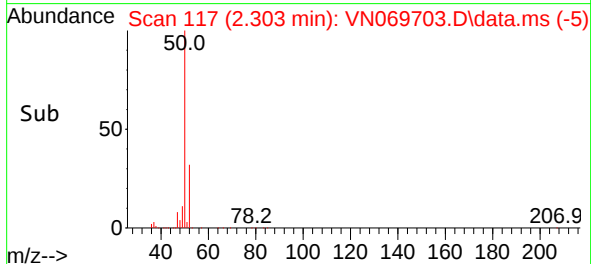
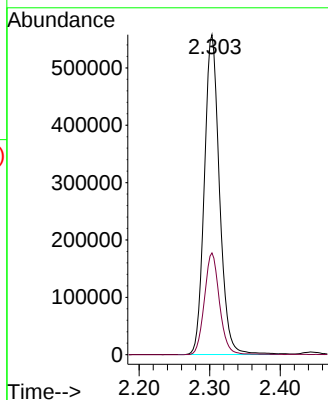
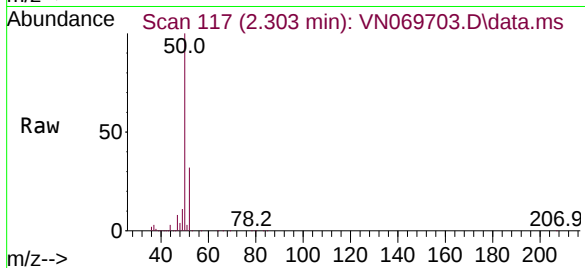
#3
Chloromethane
Concen: 59.387 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
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Tgt Ion: 50 Resp: 832162
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

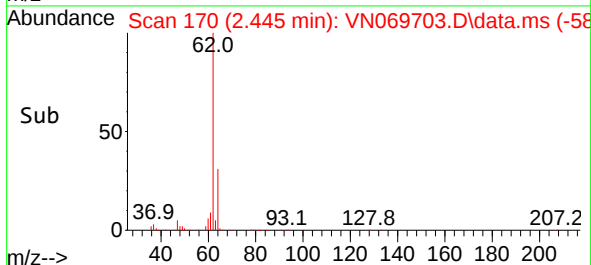
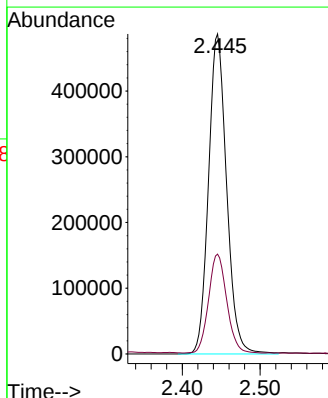
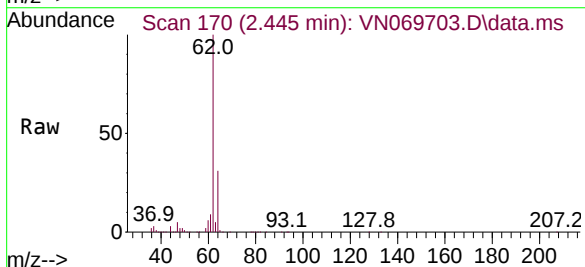
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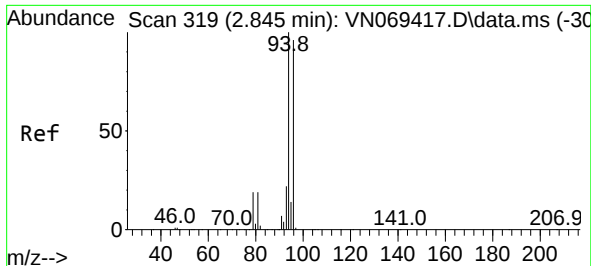
Reviewed By :John Carlone 12/03/2021
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#4
Vinyl Chloride
Concen: 57.070 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

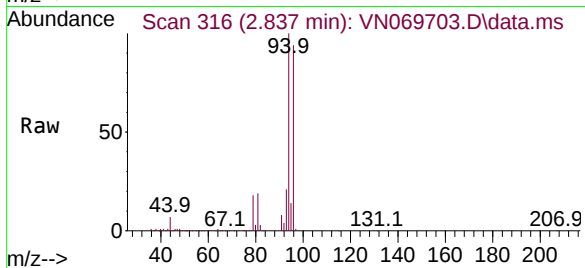
Tgt Ion: 62 Resp: 785287
Ion Ratio Lower Upper
62 100
64 30.9 25.8 38.6





#5
Bromomethane
Concen: 48.682 ug/l
RT: 2.837 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

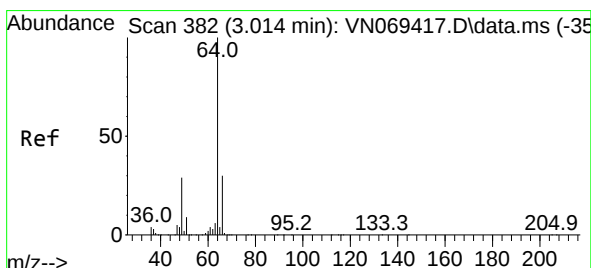
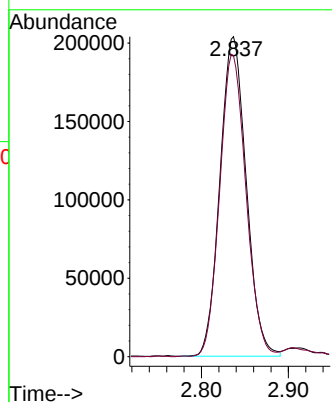
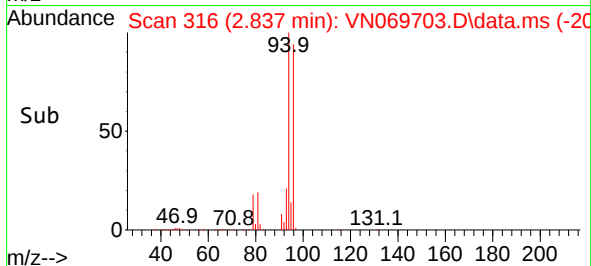
Instrument :
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Tgt Ion: 94 Resp: 427780
Ion Ratio Lower Upper
94 100
96 94.2 73.8 110.8

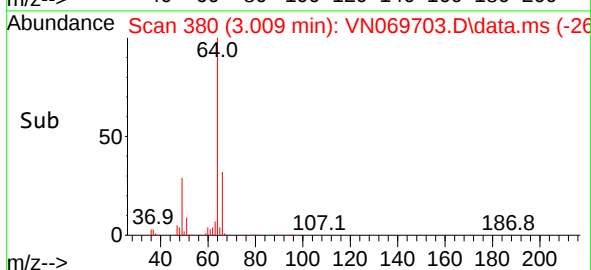
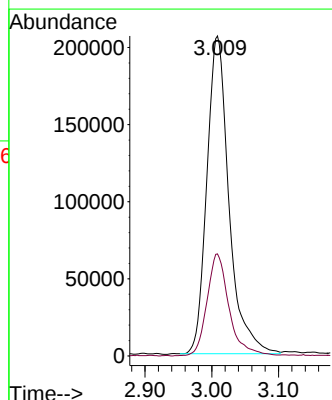
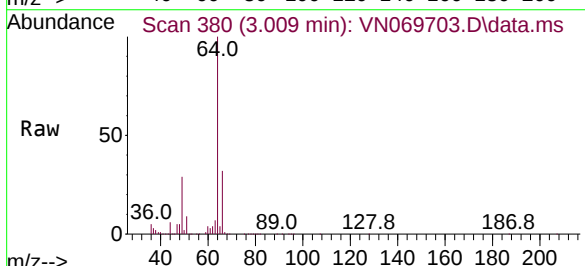
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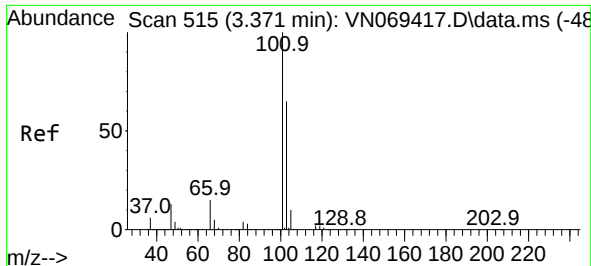
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#6
Chloroethane
Concen: 51.892 ug/l
RT: 3.009 min Scan# 380
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 474516
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





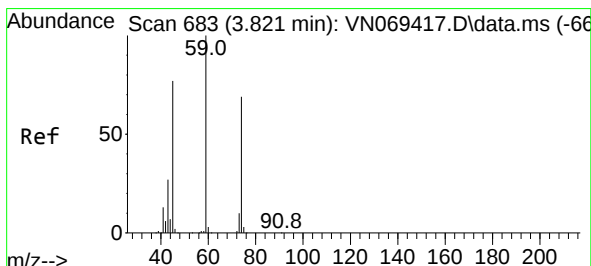
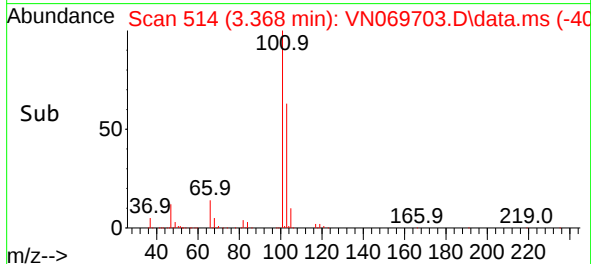
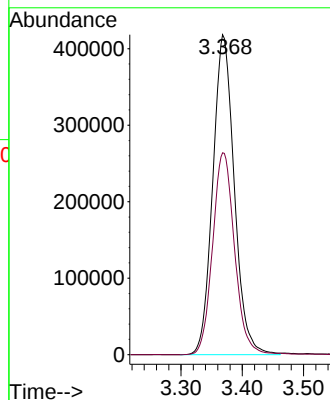
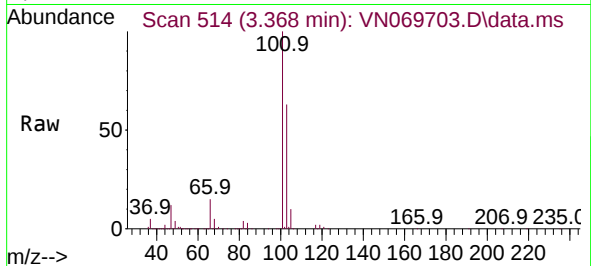
#7
Trichlorofluoromethane
Concen: 49.436 ug/l
RT: 3.368 min Scan# 515
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 1019790
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1

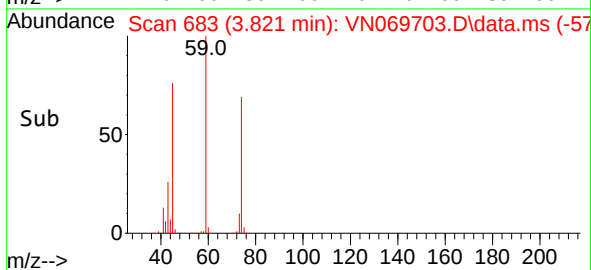
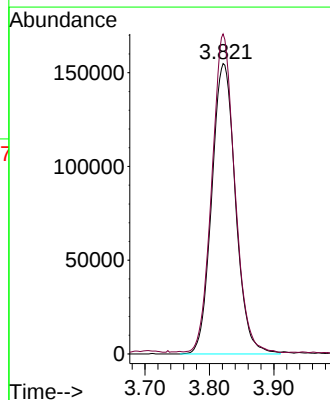
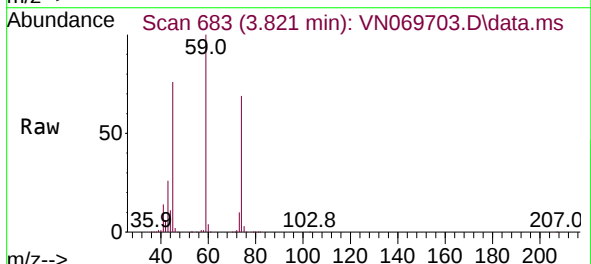
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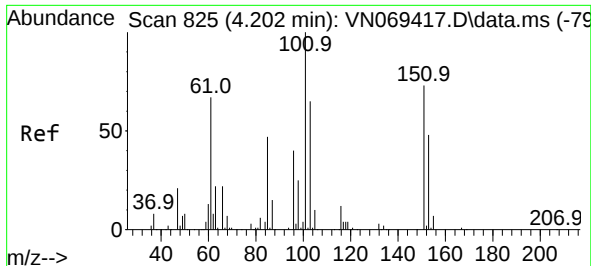
Reviewed By :John Carlone 12/03/2021
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#8
Diethyl Ether
Concen: 57.141 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069703.D
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Tgt Ion: 74 Resp: 396334
Ion Ratio Lower Upper
74 100
45 105.8 47.0 141.2





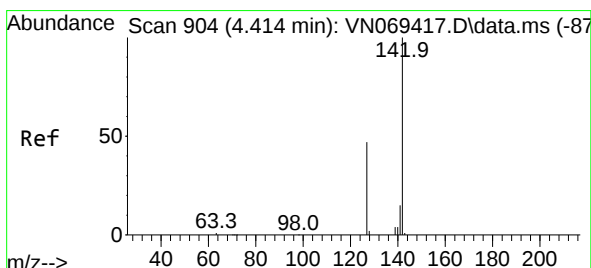
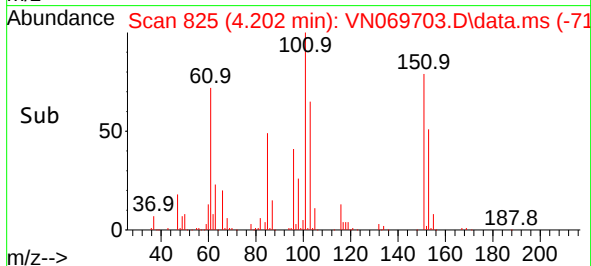
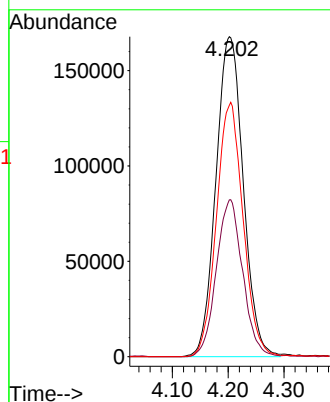
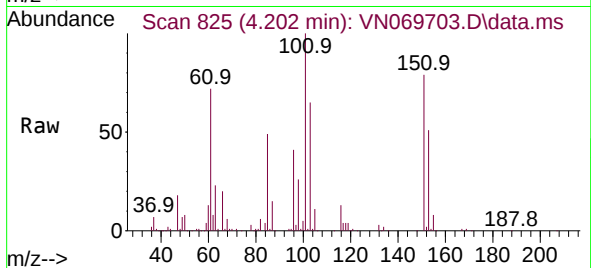
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.895 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 571088
Ion Ratio Lower Upper
101 100
85 47.2 37.2 55.8
151 77.5 65.9 98.9

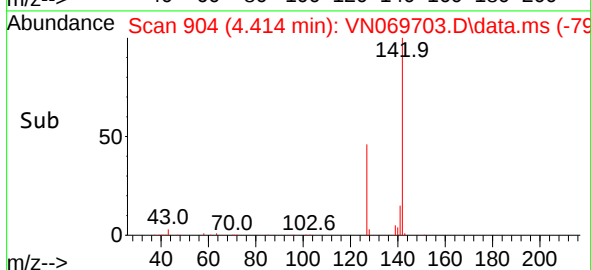
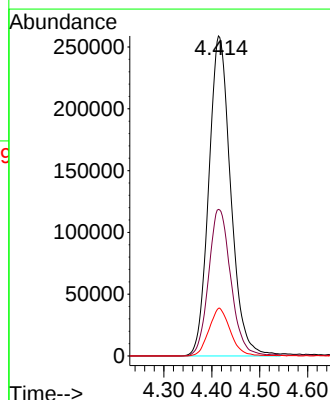
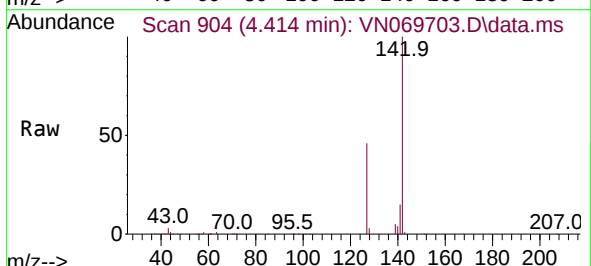
Manual Integrations
APPROVED

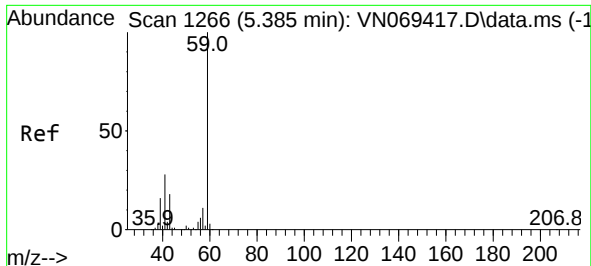
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 64.146 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

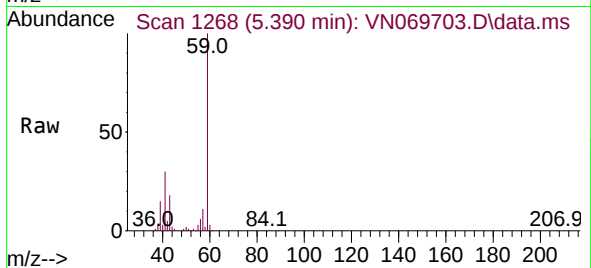
Tgt Ion:142 Resp: 824899
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 290.682 ug/l
RT: 5.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

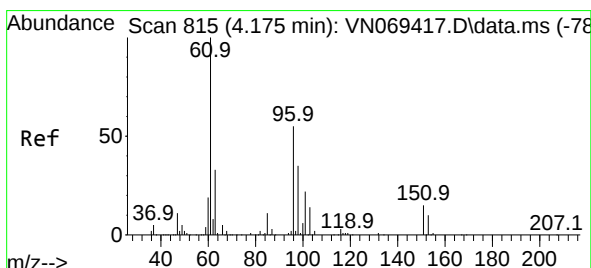
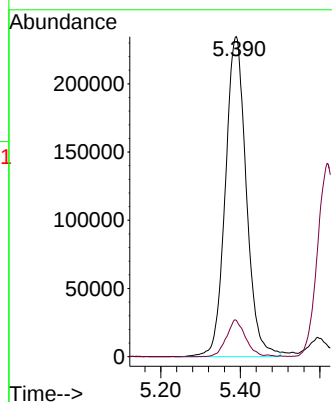
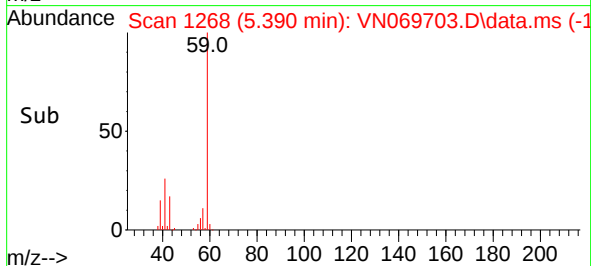
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



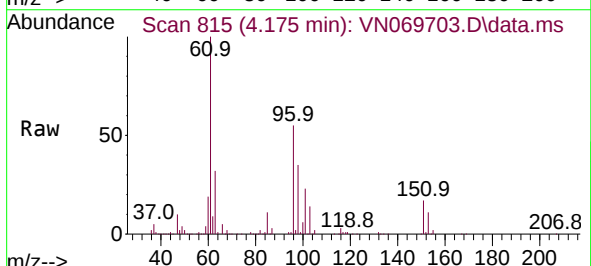
Tgt Ion: 59 Resp: 859072
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
APPROVED

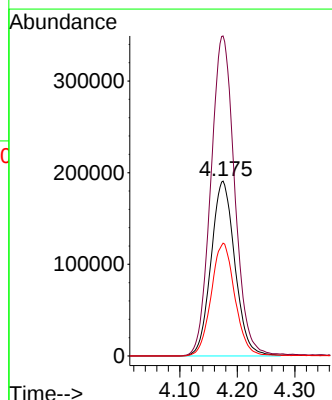
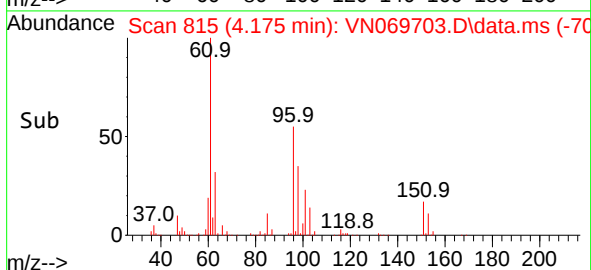
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

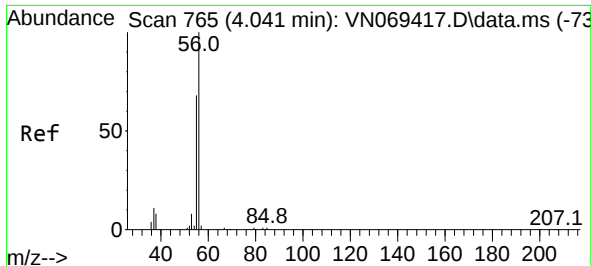


#12
1,1-Dichloroethene
Concen: 60.359 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



Tgt Ion: 96 Resp: 550361
Ion Ratio Lower Upper
96 100
61 183.0 131.0 196.6
98 64.5 52.4 78.6





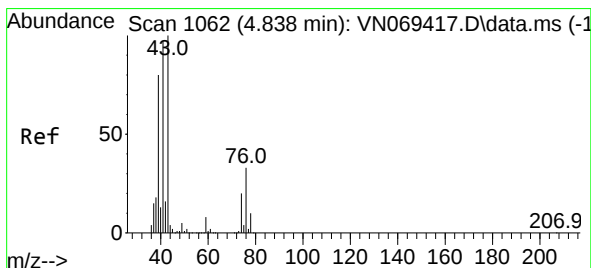
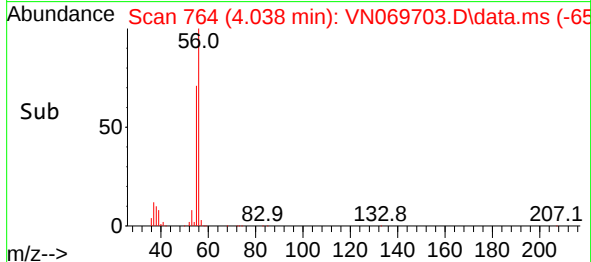
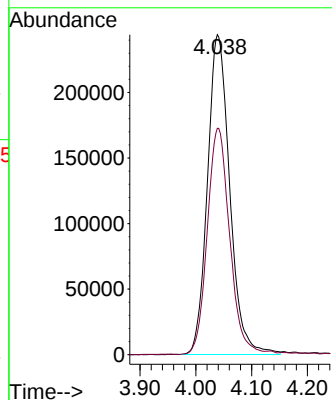
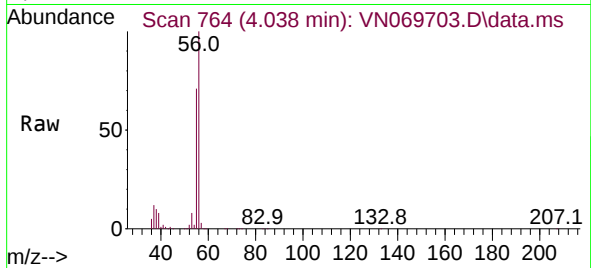
#13
Acrolein
Concen: 745.768 ug/l
RT: 4.038 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 67763
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

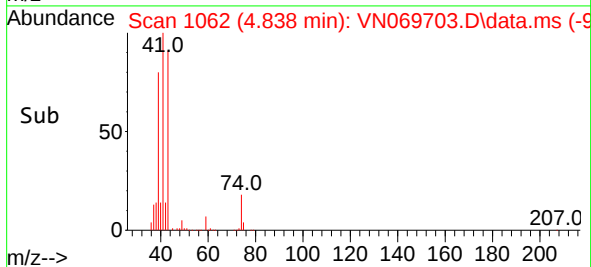
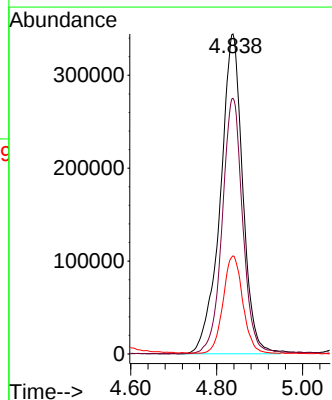
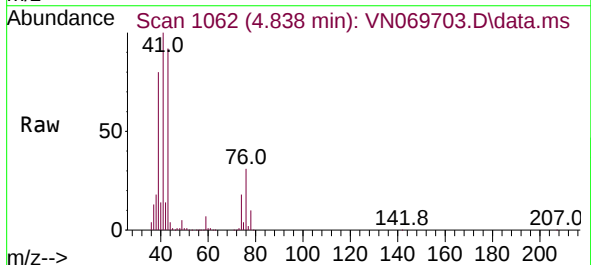
Manual Integrations
APPROVED

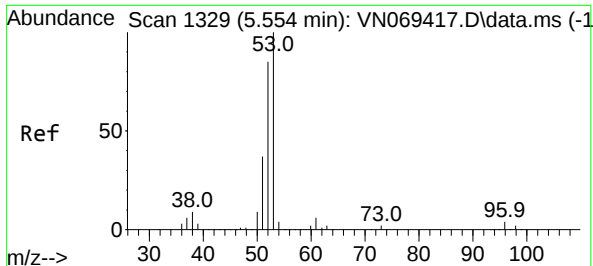
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#14
Allyl chloride
Concen: 61.474 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

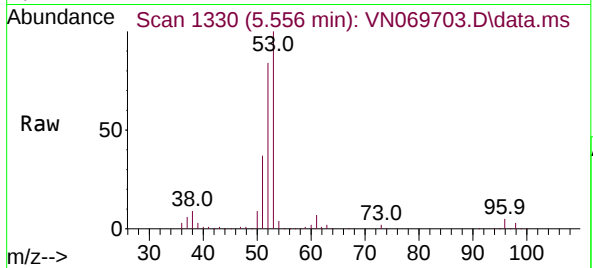
Tgt Ion: 41 Resp: 1245888
Ion Ratio Lower Upper
41 100
39 72.8 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 307.822 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

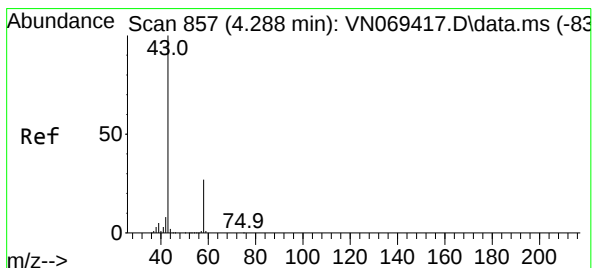
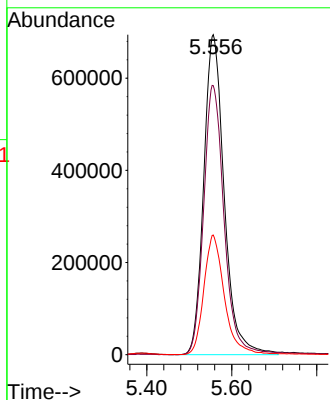
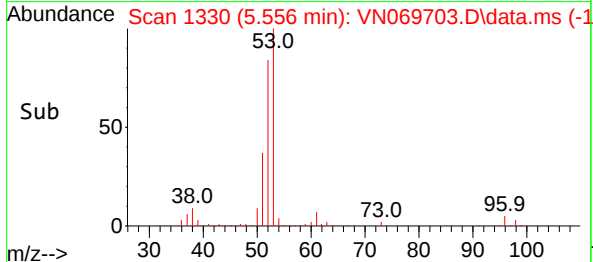
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 232705
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 37.3 29.6 44.4

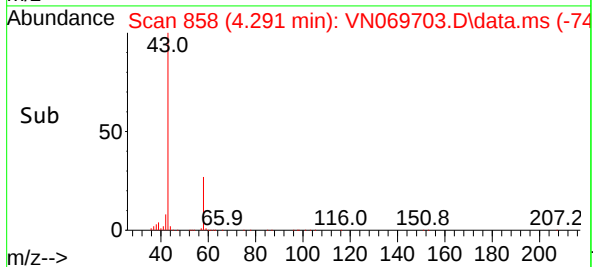
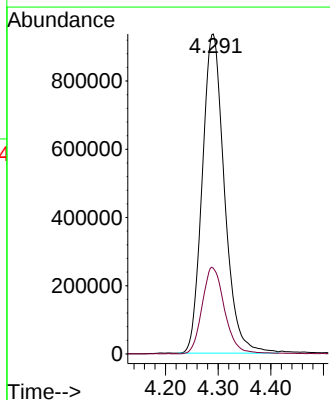
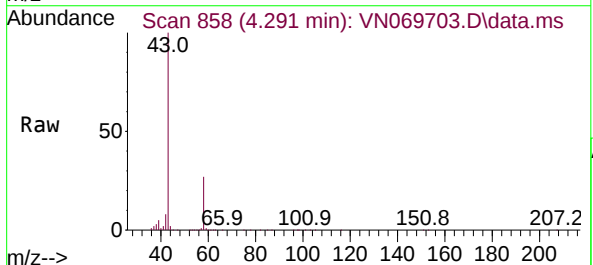
Manual Integrations
APPROVED

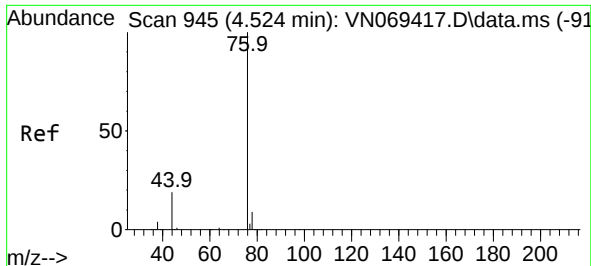
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 309.496 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

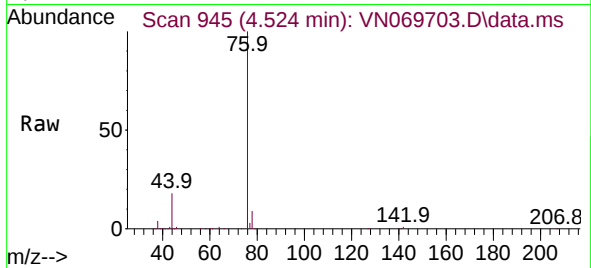
Tgt Ion: 43 Resp: 2742081
Ion Ratio Lower Upper
43 100
58 26.8 23.1 34.7





#17
Carbon Disulfide
Concen: 65.970 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

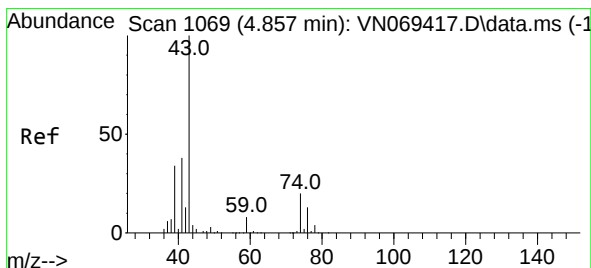
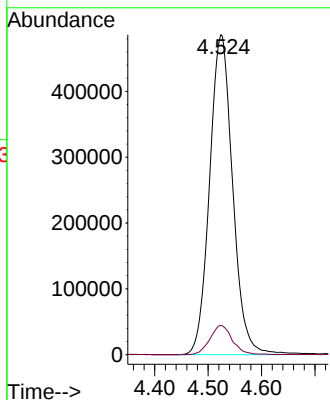
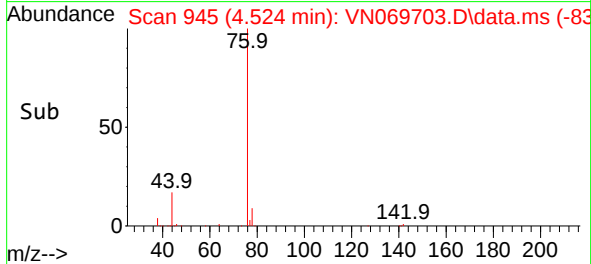
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



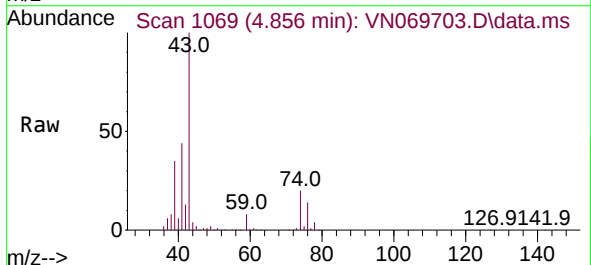
Tgt Ion: 76 Resp: 1456804
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
APPROVED

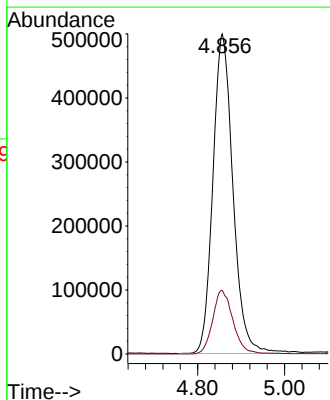
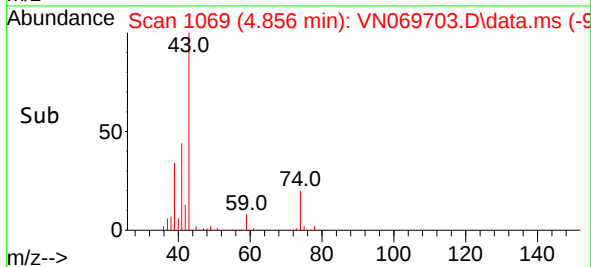
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

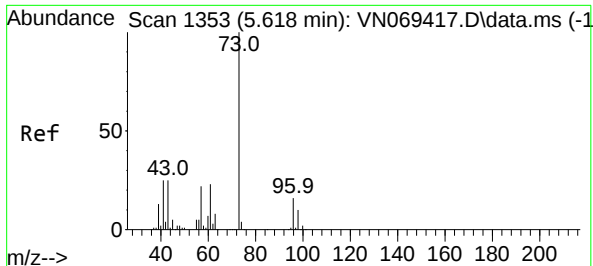


#18
Methyl Acetate
Concen: 56.335 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



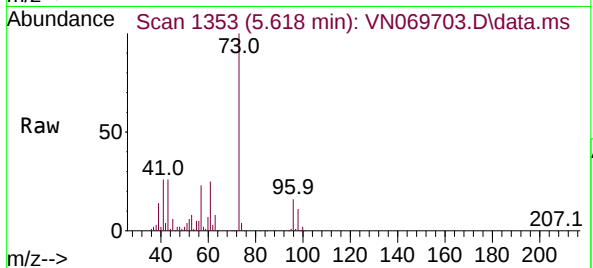
Tgt Ion: 43 Resp: 1596384
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 56.936 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

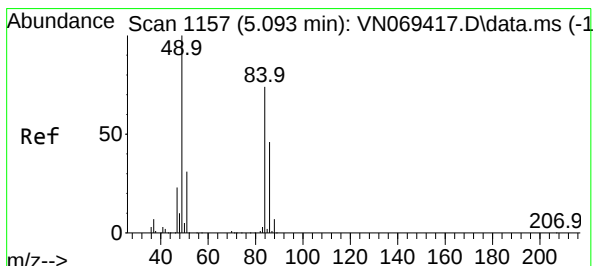
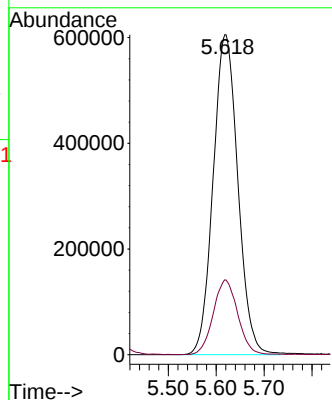
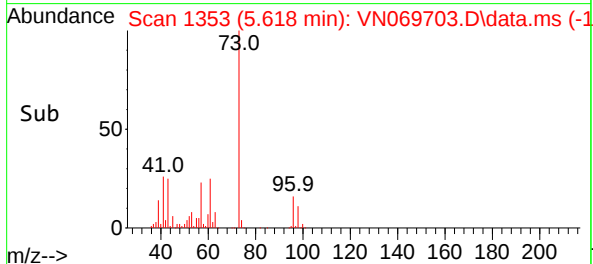
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 2165984
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

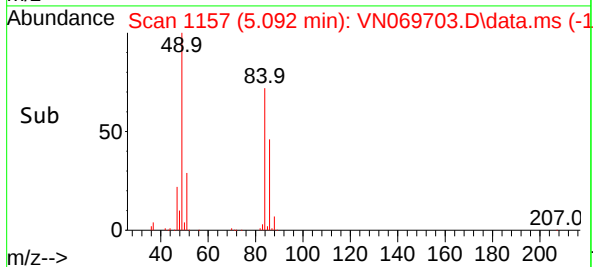
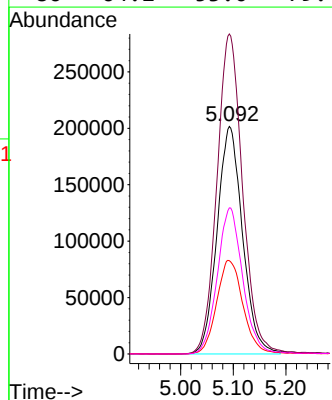
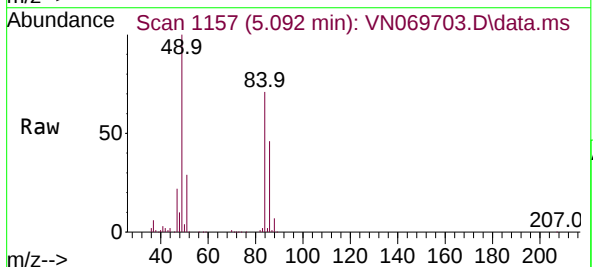
Manual Integrations
APPROVED

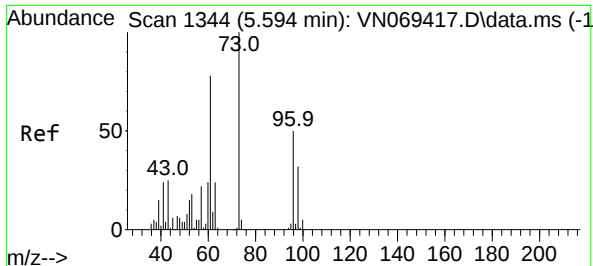
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#20
Methylene Chloride
Concen: 54.828 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

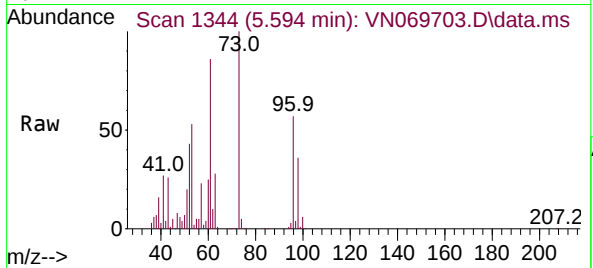
Tgt Ion: 84 Resp: 677816
Ion Ratio Lower Upper
84 100
49 140.5 93.5 140.3#
51 41.0 29.4 44.2
86 64.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 58.956 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

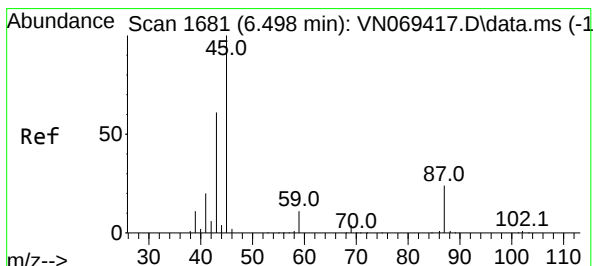
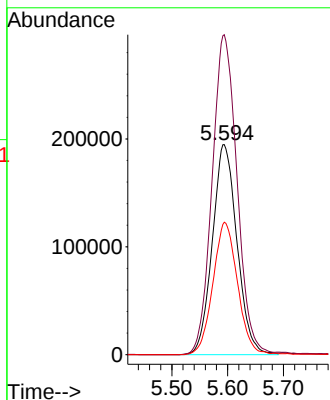
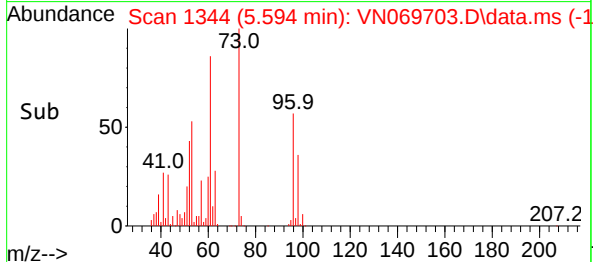
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



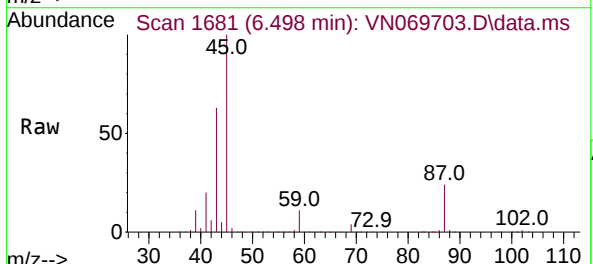
Tgt Ion: 96 Resp: 598900
Ion Ratio Lower Upper
96 100
61 152.3 105.8 158.6
98 63.1 52.0 78.0

Manual Integrations
APPROVED

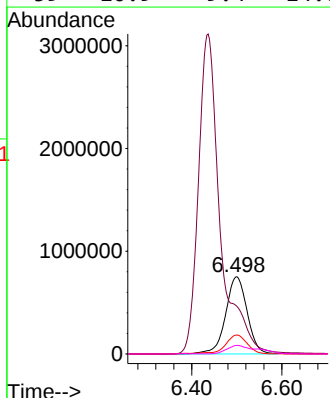
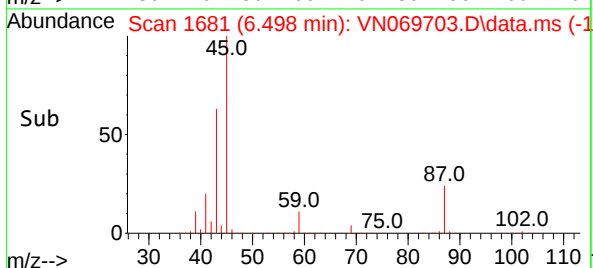
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

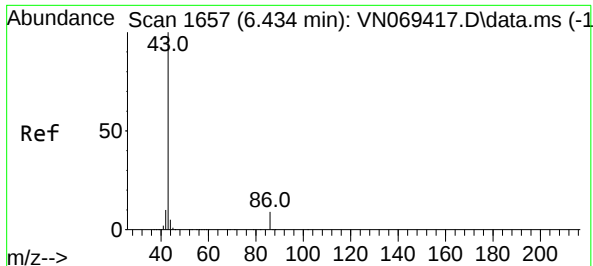


#22
Diisopropyl ether
Concen: 58.032 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



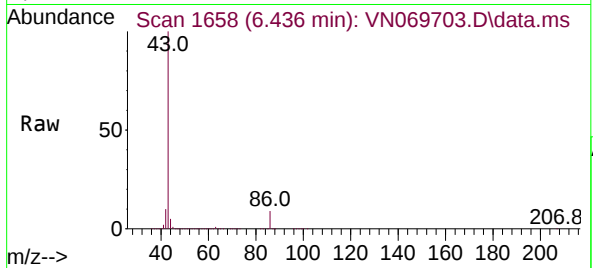
Tgt Ion: 45 Resp: 2493236
Ion Ratio Lower Upper
45 100
43 62.2 51.7 77.5
87 24.3 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 311.645 ug/l
 RT: 6.436 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069703.D
 Acq: 2 Dec 2021 18:55

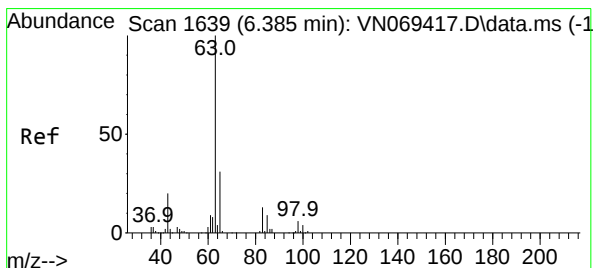
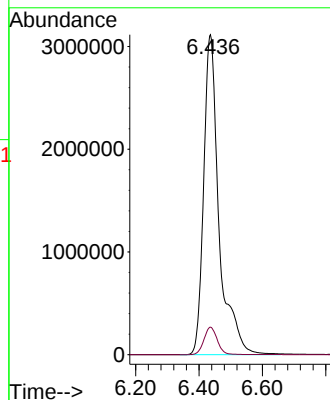
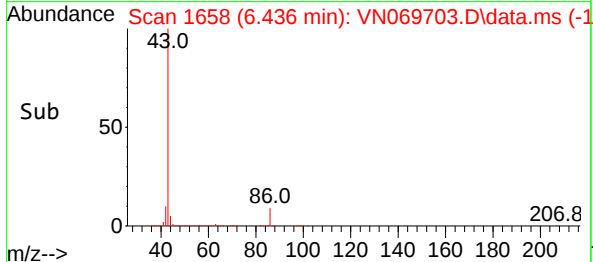
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



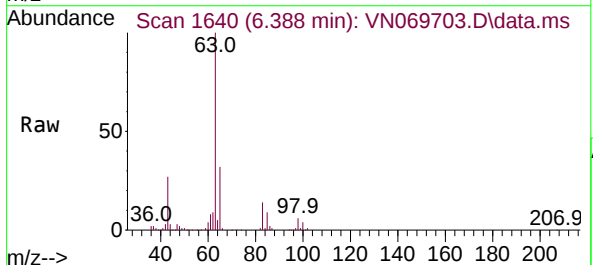
Tgt Ion: 43 Resp: 10478714
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

Manual Integrations
 APPROVED

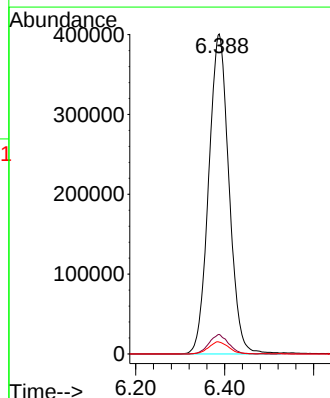
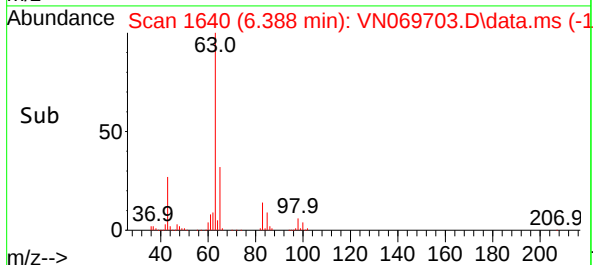
Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/06/2021

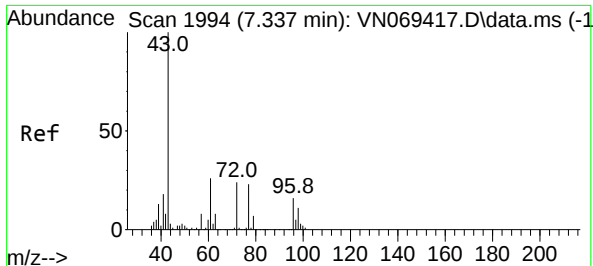


#24
 1,1-Dichloroethane
 Concen: 57.739 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069703.D
 Acq: 2 Dec 2021 18:55



Tgt Ion: 63 Resp: 1266716
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 313.863 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069703.D

Acq: 2 Dec 2021 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 3768104

Ion Ratio Lower Upper

43 100

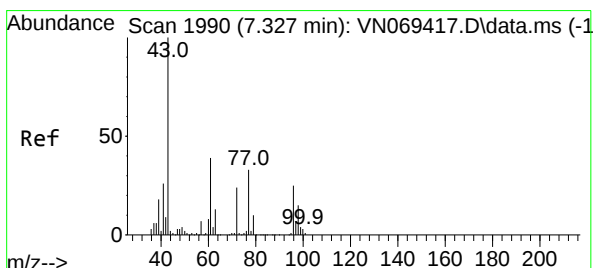
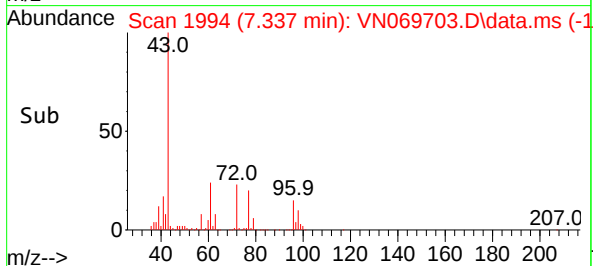
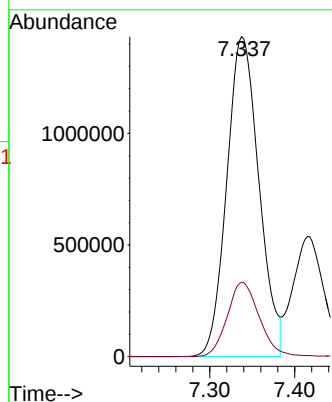
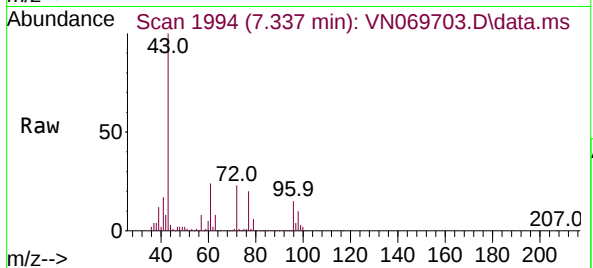
72 23.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 57.535 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069703.D

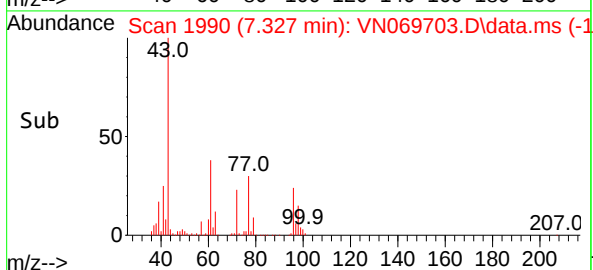
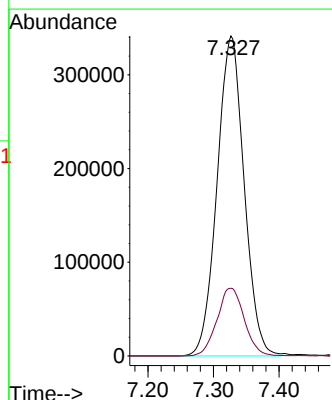
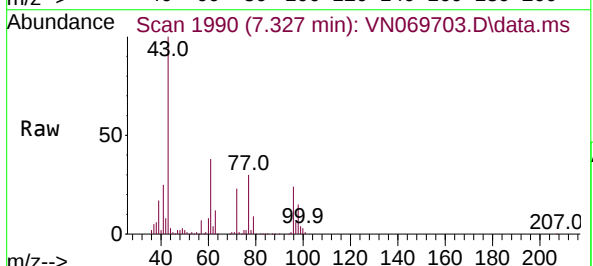
Acq: 2 Dec 2021 18:55

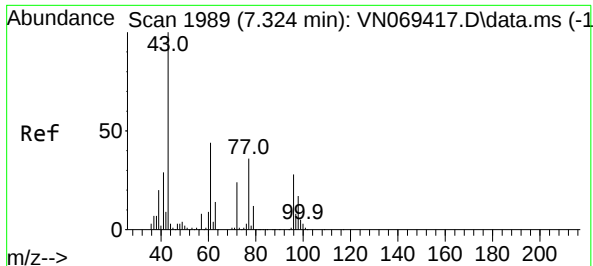
Tgt Ion: 77 Resp: 977252

Ion Ratio Lower Upper

77 100

97 21.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 58.332 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN069703.D

Acq: 2 Dec 2021 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

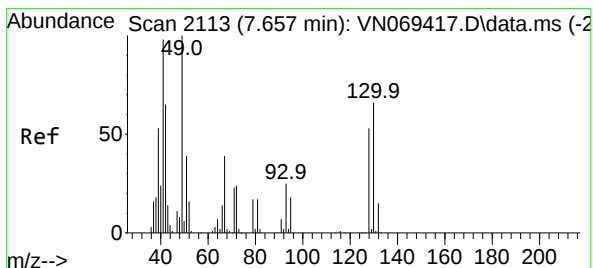
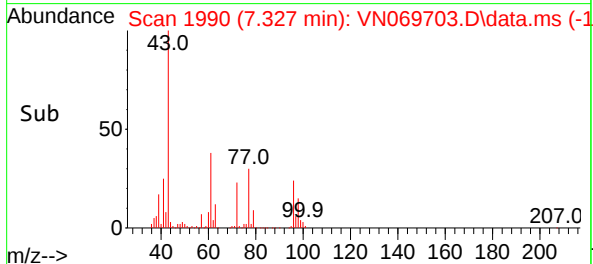
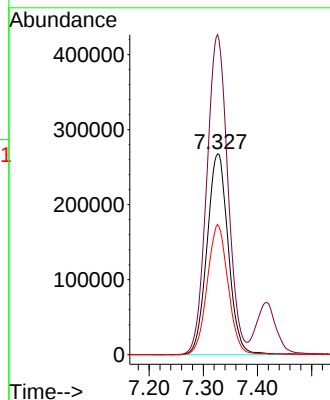
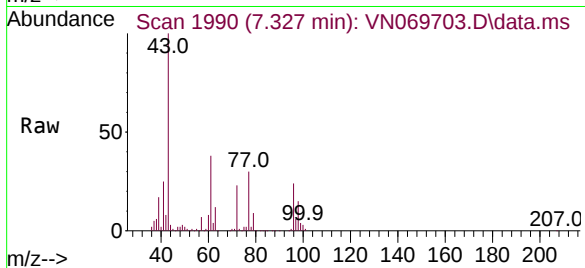
Tgt Ion:	96	Resp:	73029
Ion Ratio	Lower	Upper	
96	100		
61	158.2	0.0	275.0
98	63.5	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#28

Bromochloromethane

Concen: 57.602 ug/l

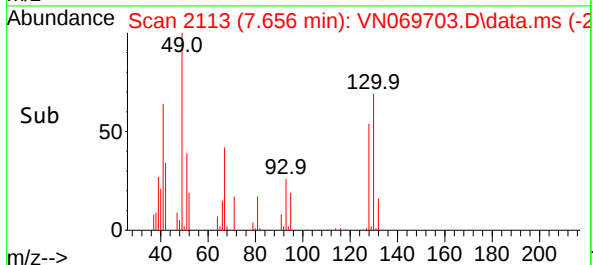
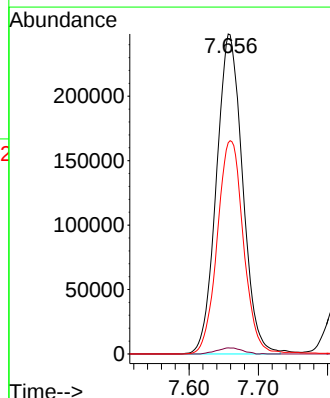
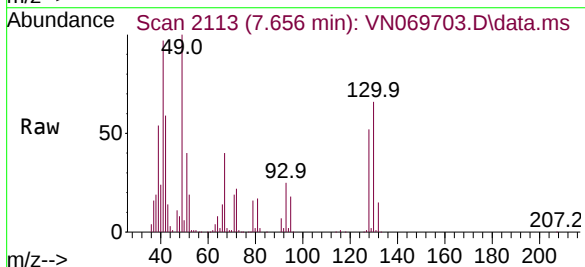
RT: 7.656 min Scan# 2113

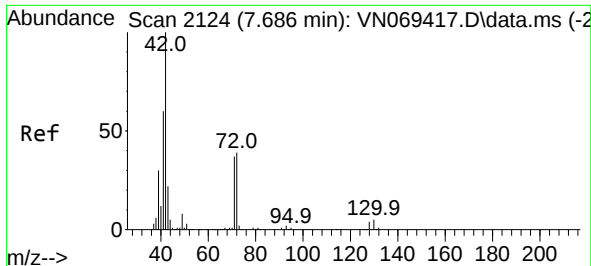
Delta R.T. 0.000 min

Lab File: VN069703.D

Acq: 2 Dec 2021 18:55

Tgt Ion:	49	Resp:	650660
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	4.0
130	66.7	67.8	101.8





#29

Tetrahydrofuran

Concen: 315.784 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069703.D

Acq: 2 Dec 2021 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 2318039

Ion Ratio Lower Upper

42 100

72 38.1 36.3 54.5

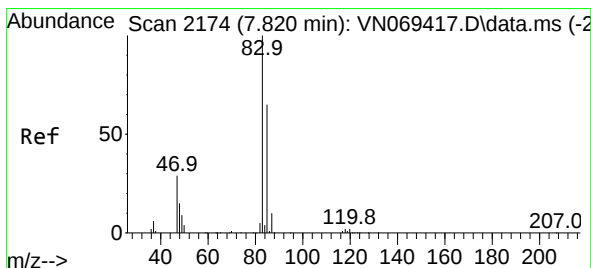
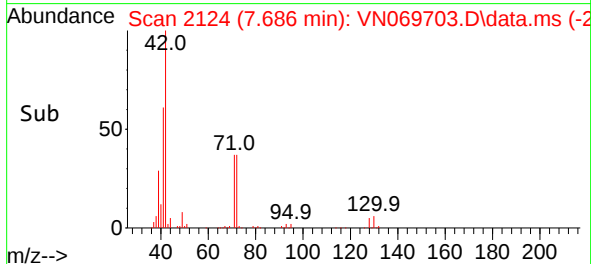
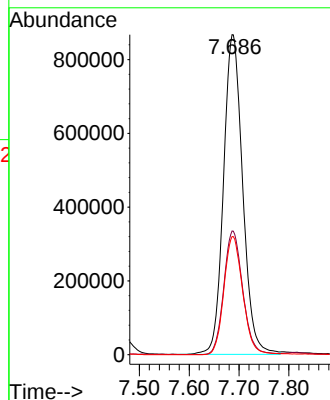
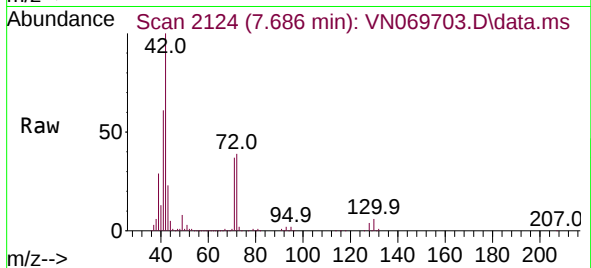
71 36.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 57.059 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069703.D

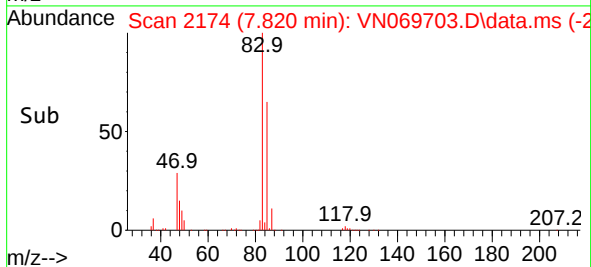
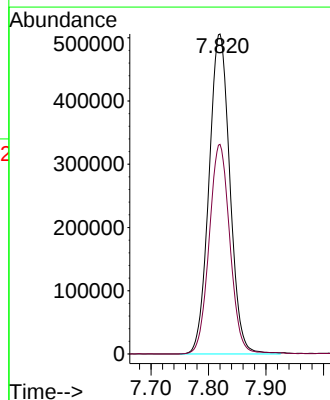
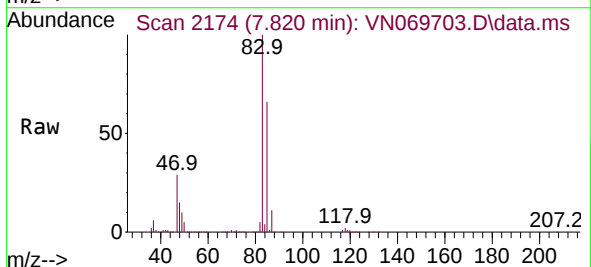
Acq: 2 Dec 2021 18:55

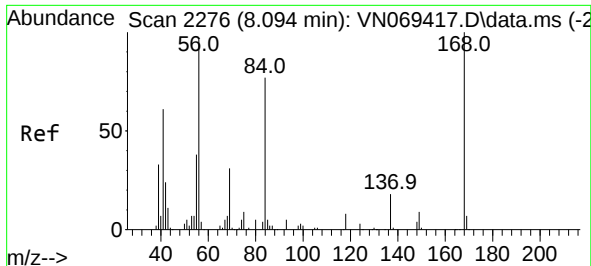
Tgt Ion: 83 Resp: 1276843

Ion Ratio Lower Upper

83 100

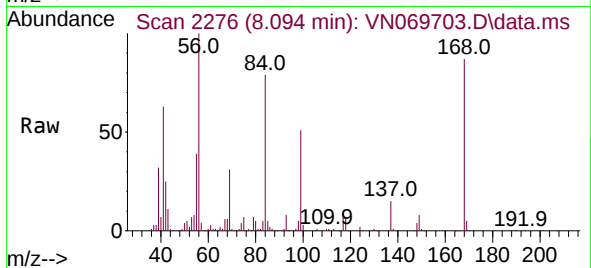
85 65.5 51.9 77.9





#31
Cyclohexane
Concen: 54.893 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

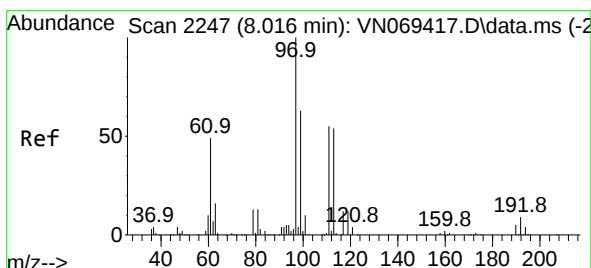
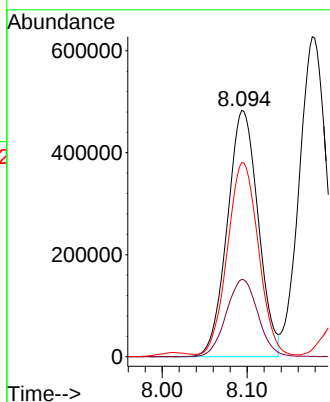
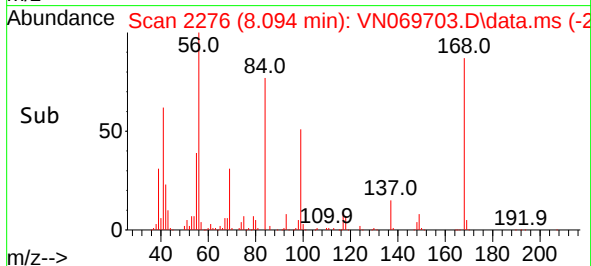
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



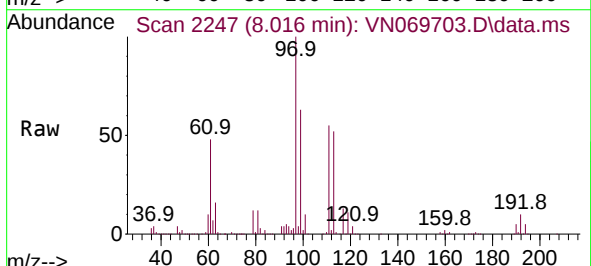
Tgt Ion: 56 Resp: 1221435
Ion Ratio Lower Upper
56 100
69 31.4 27.1 40.7
84 77.3 73.4 110.0

Manual Integrations
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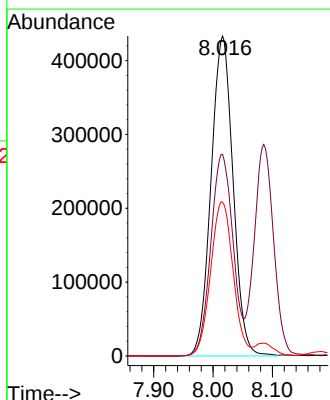
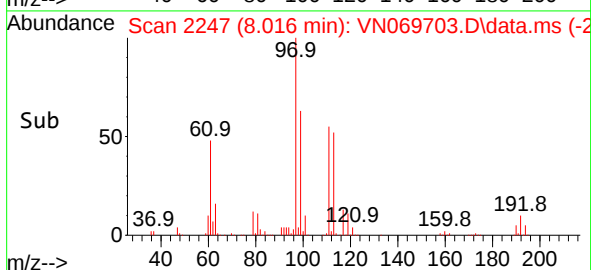
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

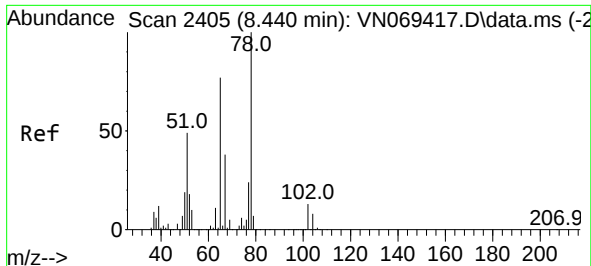


#32
1,1,1-Trichloroethane
Concen: 59.502 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



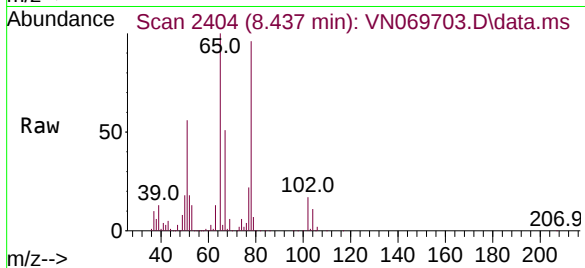
Tgt Ion: 97 Resp: 1115736
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 49.3 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 54.441 ug/l
 RT: 8.437 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069703.D
 Acq: 2 Dec 2021 18:55

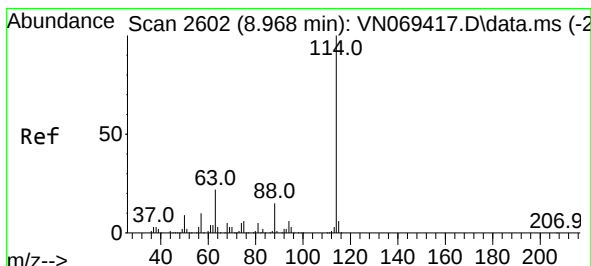
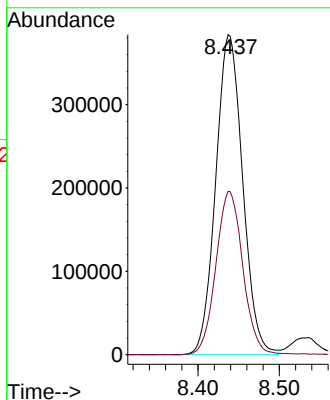
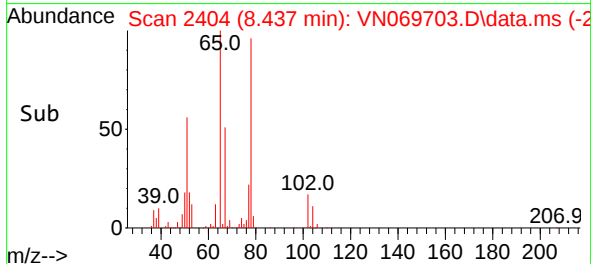
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



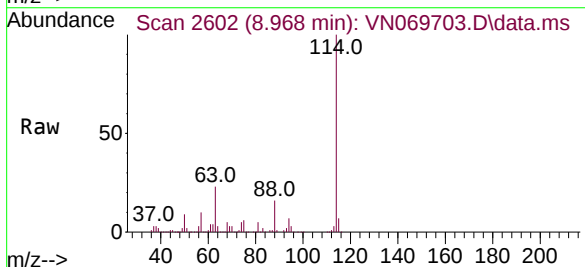
Tgt Ion: 65 Resp: 885034
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0

Manual Integrations
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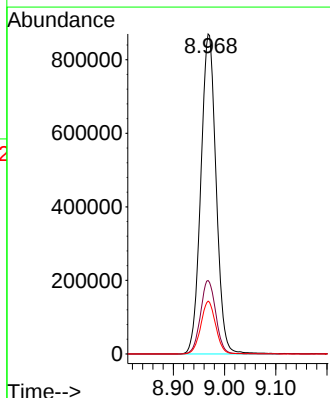
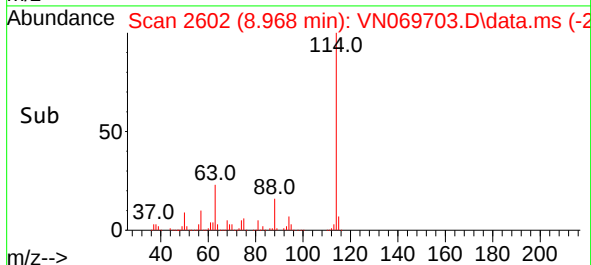
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

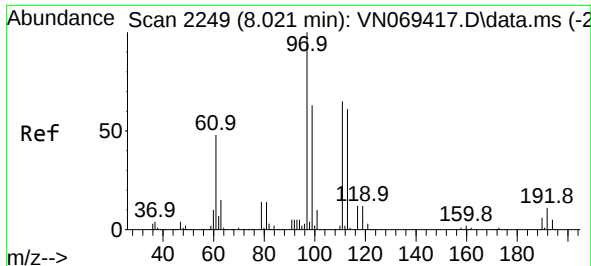


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069703.D
 Acq: 2 Dec 2021 18:55



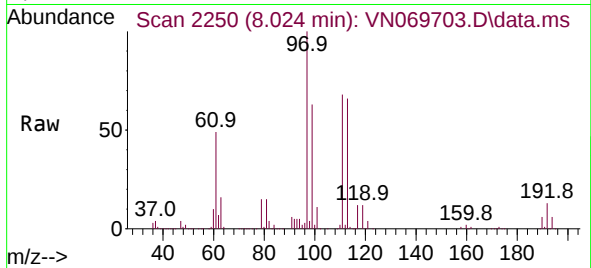
Tgt Ion:114 Resp: 1801988
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 37.8
 88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.602 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

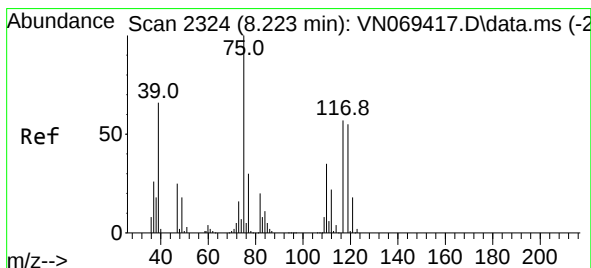
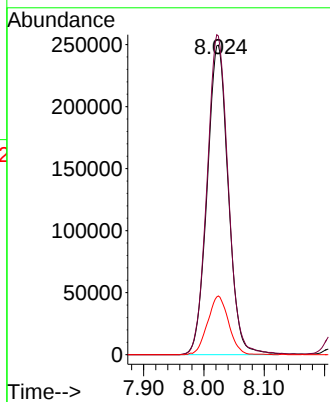
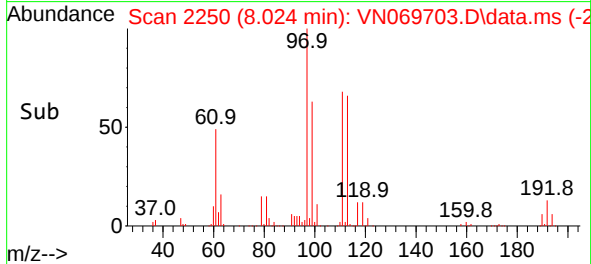
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 60794
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.8 16.9 25.3

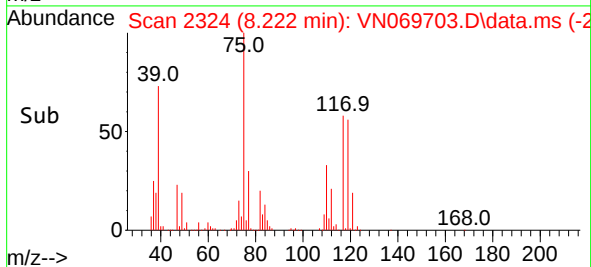
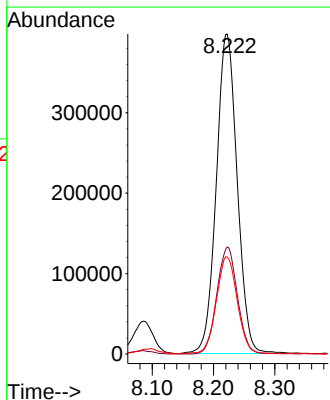
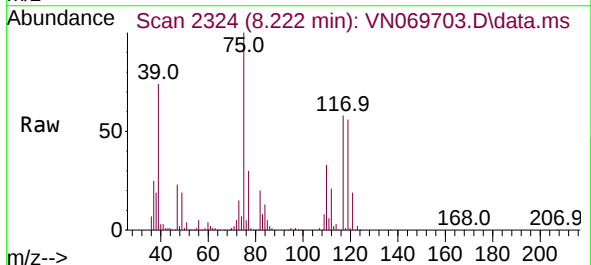
Manual Integrations
APPROVED

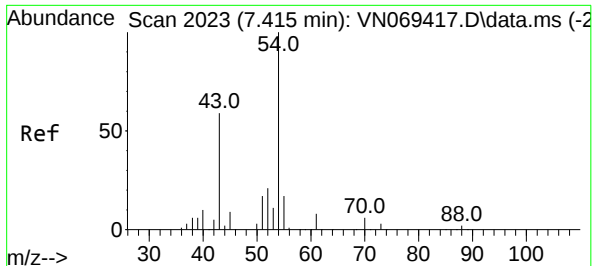
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 60.240 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion: 75 Resp: 942263
Ion Ratio Lower Upper
75 100
110 32.9 18.4 55.2
77 30.3 24.4 36.6





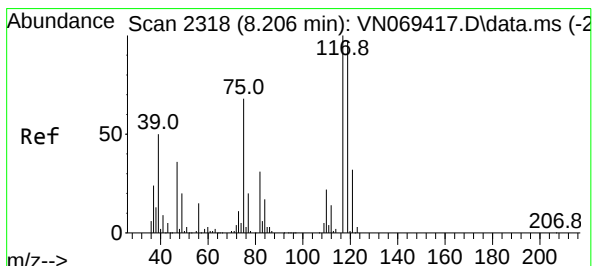
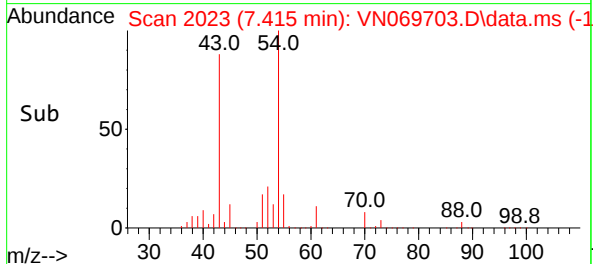
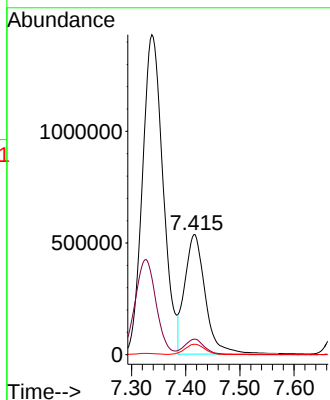
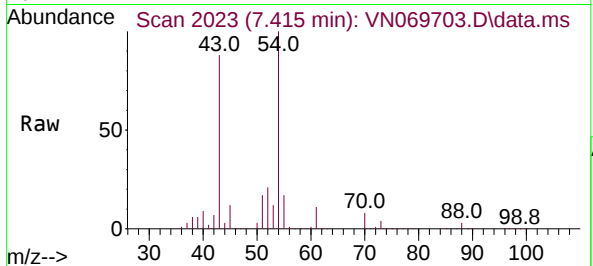
#37
Ethyl Acetate
Concen: 65.335 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 140393
Ion Ratio Lower Upper
43 100
61 12.3 11.5 17.3
70 8.3 7.9 11.9

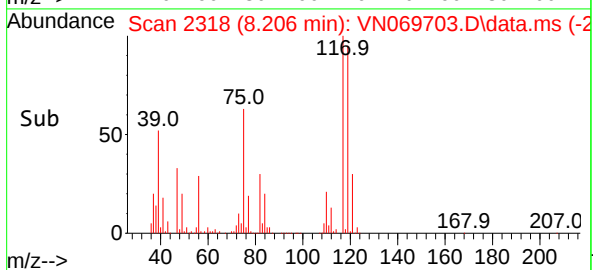
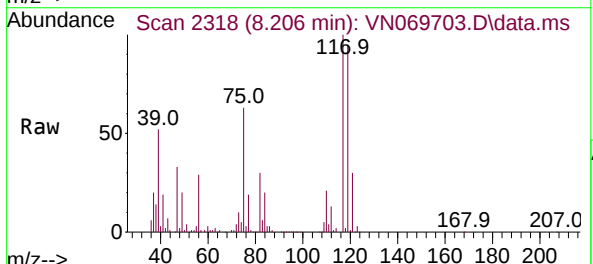
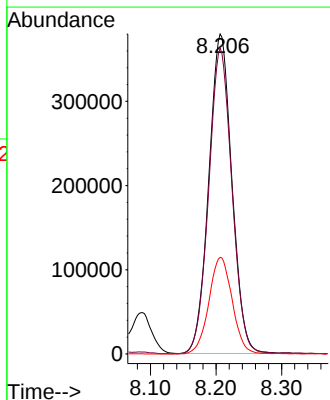
Manual Integrations
APPROVED

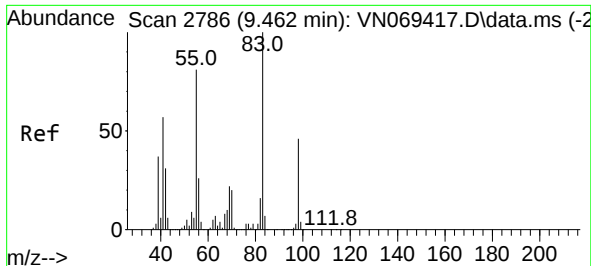
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#38
Carbon Tetrachloride
Concen: 61.323 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion:117 Resp: 928105
Ion Ratio Lower Upper
117 100
119 95.6 76.1 114.1
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 59.271 ug/l

RT: 9.461 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069703.D

Acq: 2 Dec 2021 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 1143049

Ion Ratio Lower Upper

83 100

55 83.4 58.1 87.1

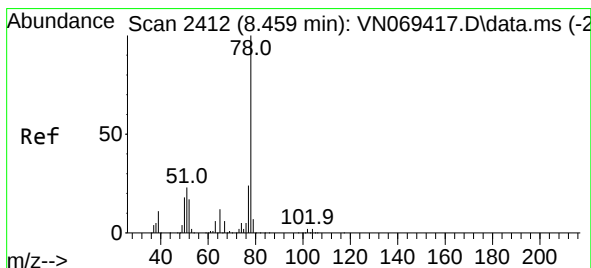
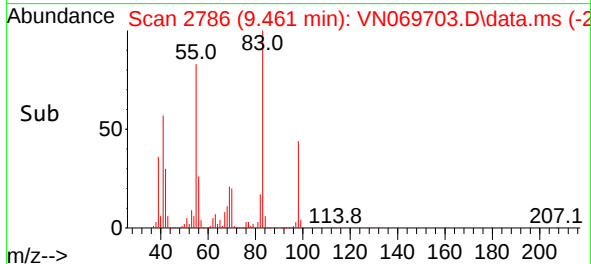
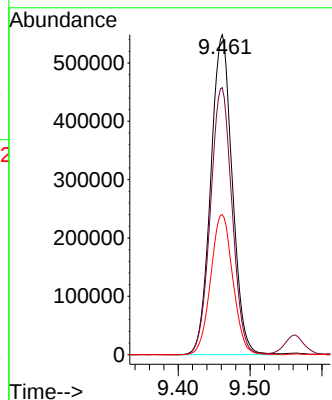
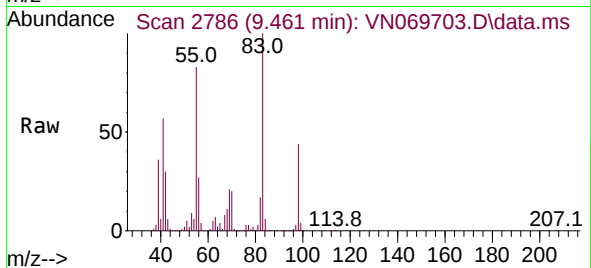
98 43.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#40

Benzene

Concen: 59.171 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN069703.D

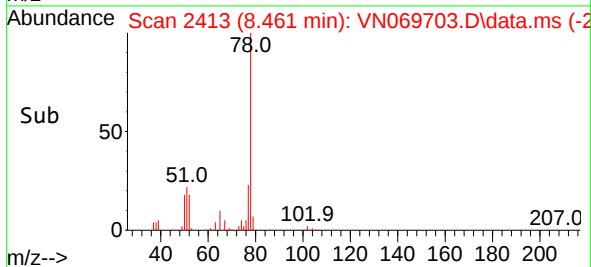
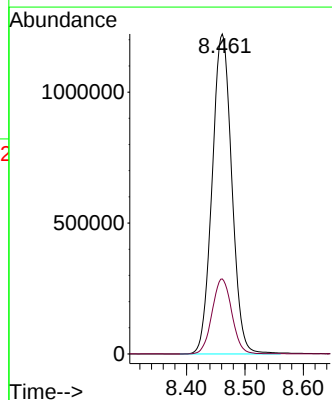
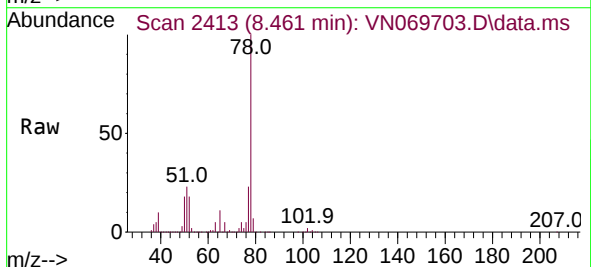
Acq: 2 Dec 2021 18:55

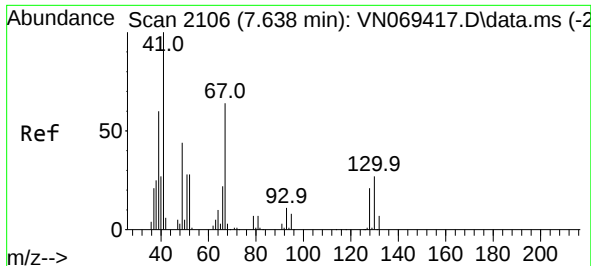
Tgt Ion: 78 Resp: 2854855

Ion Ratio Lower Upper

78 100

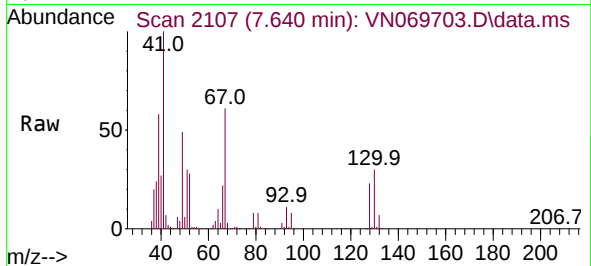
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 61.000 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

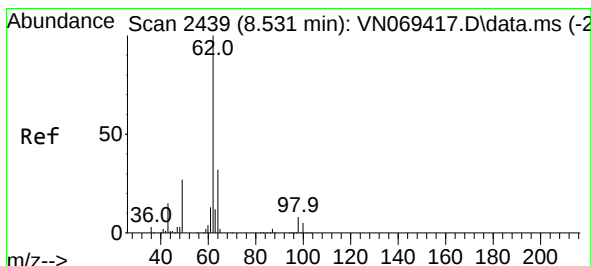
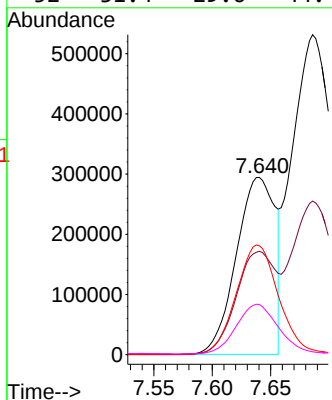
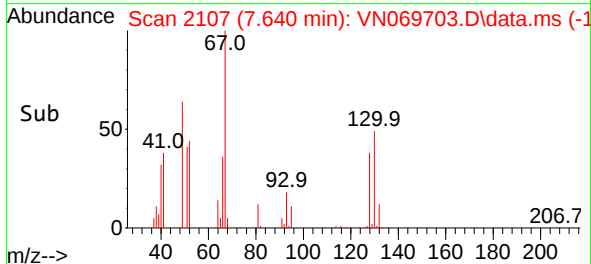
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 67679
Ion Ratio Lower Upper
41 100
39 61.4 48.1 72.1
67 68.5 68.3 102.5
52 31.4 29.6 44.4

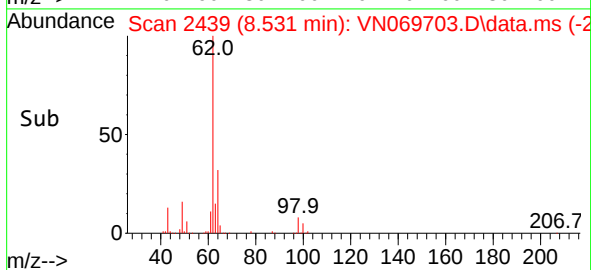
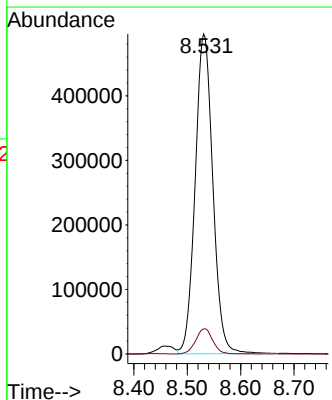
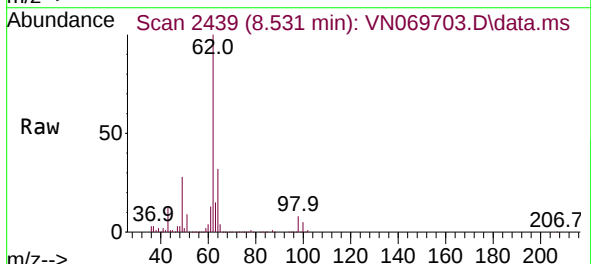
Manual Integrations
APPROVED

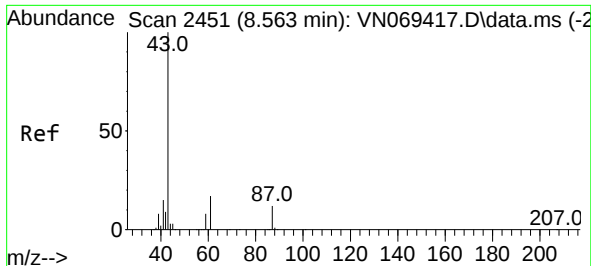
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 60.030 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion: 62 Resp: 1139609
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





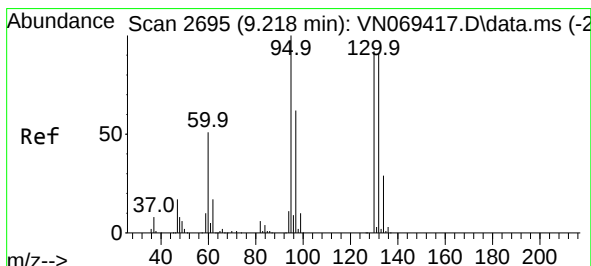
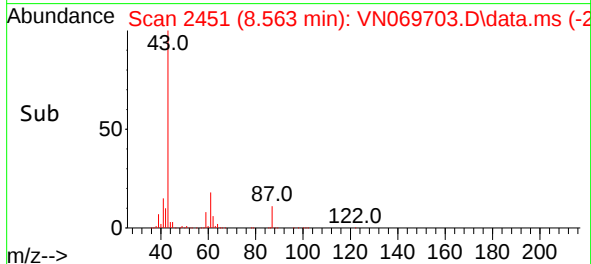
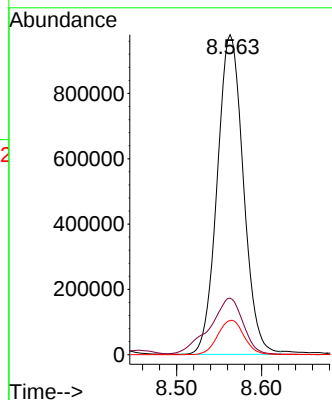
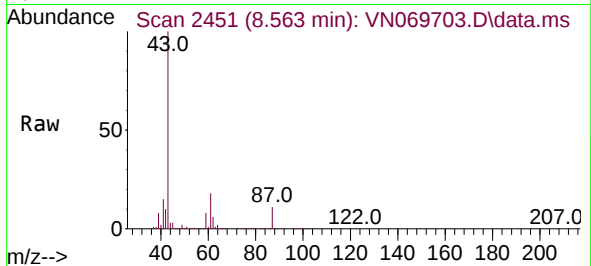
#43
Isopropyl Acetate
Concen: 61.281 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 208763
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.9 11.2 16.8

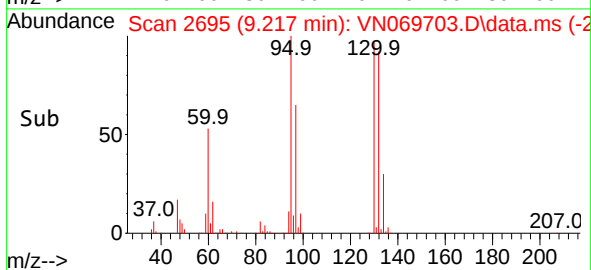
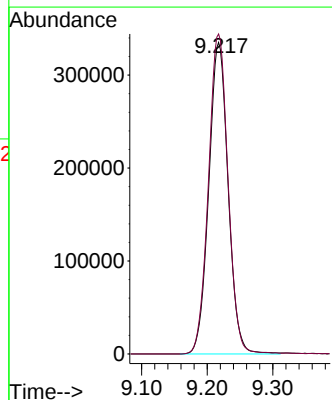
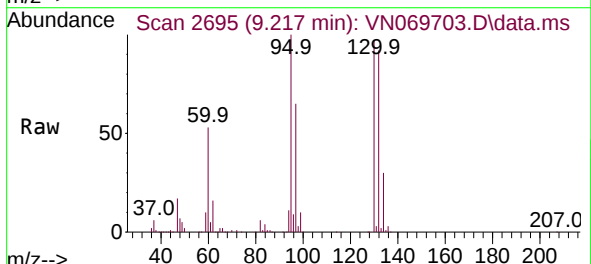
Manual Integrations
APPROVED

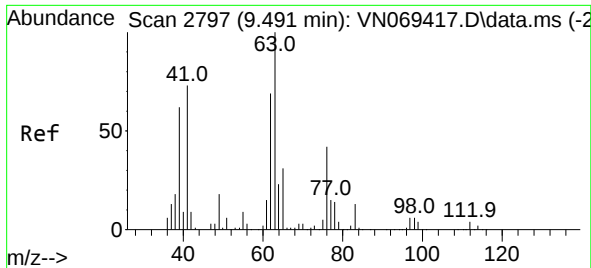
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 59.388 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion:130 Resp: 686296
Ion Ratio Lower Upper
130 100
95 102.7 0.0 191.2





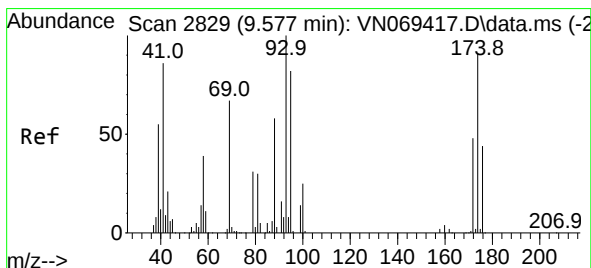
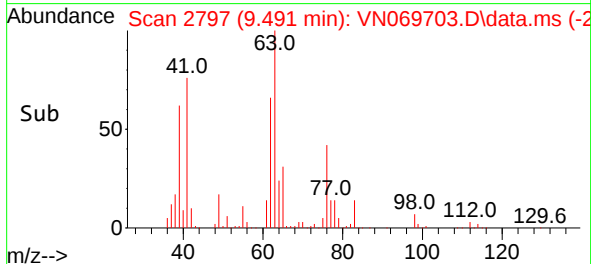
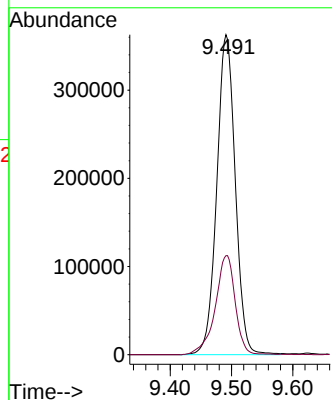
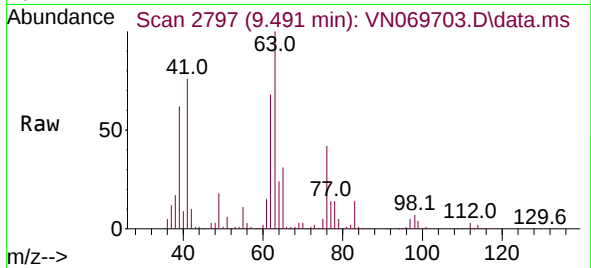
#45
1,2-Dichloropropane
Concen: 59.249 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 761899
Ion Ratio Lower Upper
63 100
65 30.9 24.7 37.1

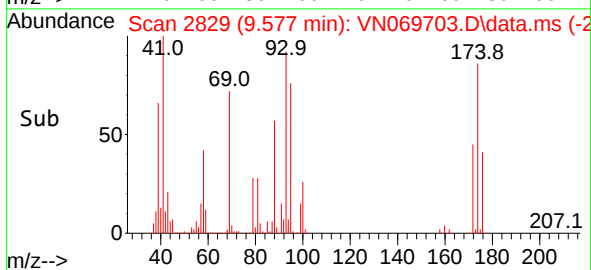
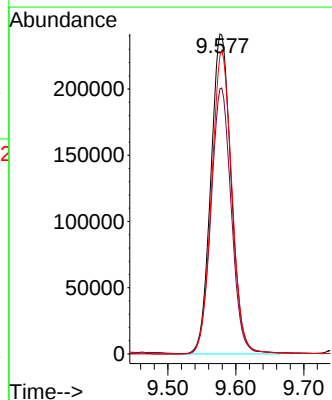
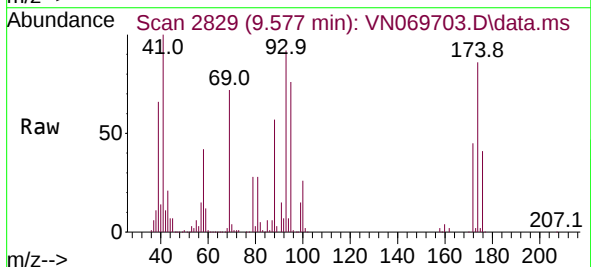
Manual Integrations
APPROVED

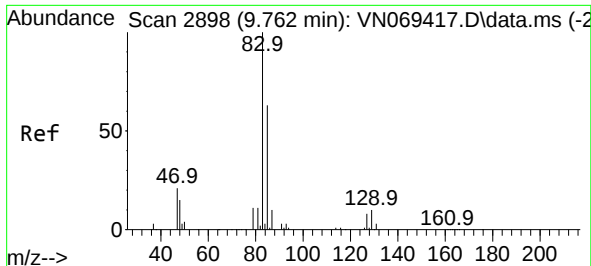
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#46
Dibromomethane
Concen: 58.648 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion: 93 Resp: 504439
Ion Ratio Lower Upper
93 100
95 82.3 65.9 98.9
174 94.1 84.6 127.0





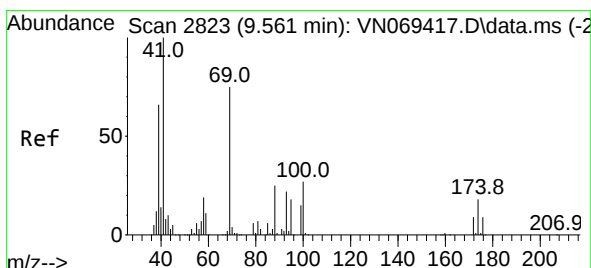
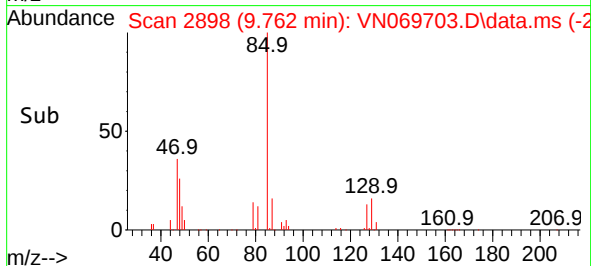
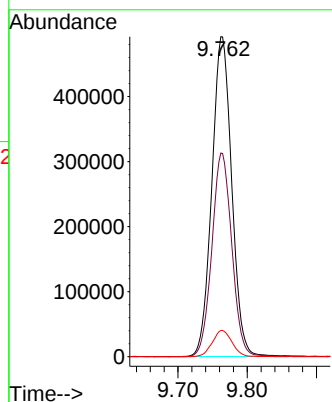
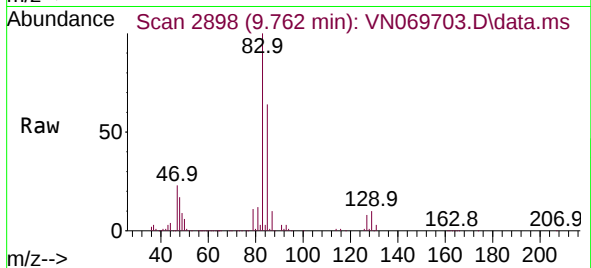
#47
Bromodichloromethane
Concen: 61.089 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 980588
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 8.2 7.1 10.7

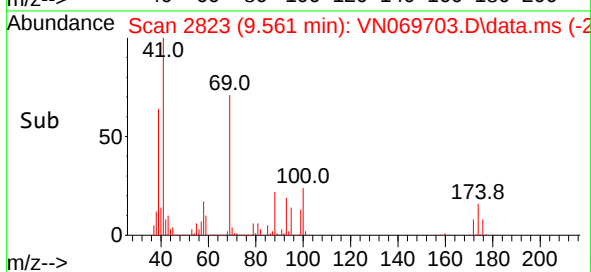
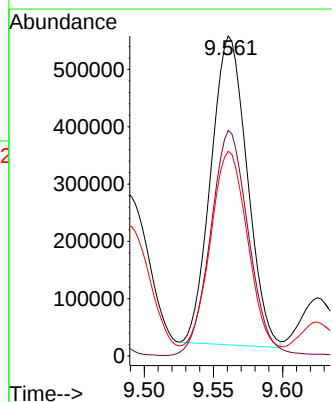
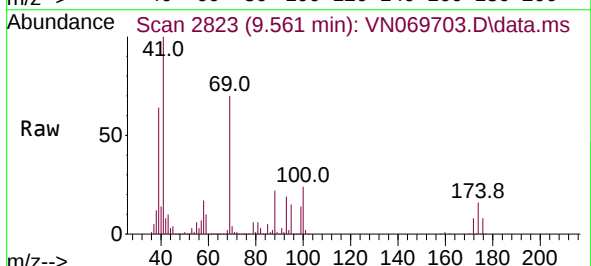
Manual Integrations
APPROVED

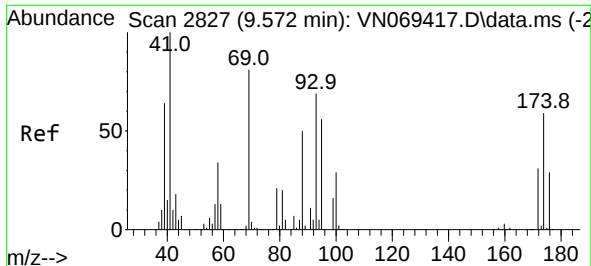
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 61.571 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion: 41 Resp: 978967
Ion Ratio Lower Upper
41 100
69 76.7 72.4 108.6
39 64.5 58.4 87.6





#49

1,4-Dioxane

Concen: 1234.117 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN069703.D

Acq: 2 Dec 2021 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 352810

Ion Ratio Lower Upper

88 100

43 35.3 23.4 35.2

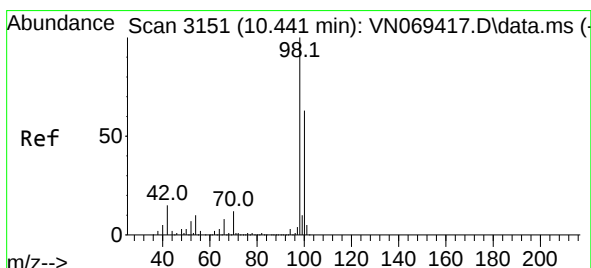
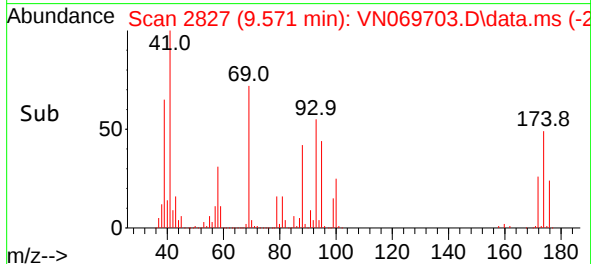
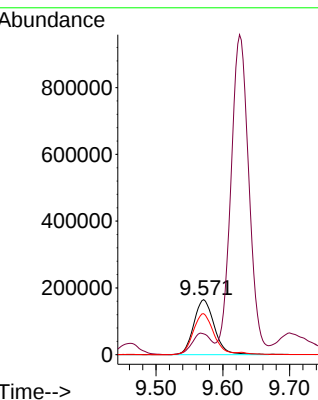
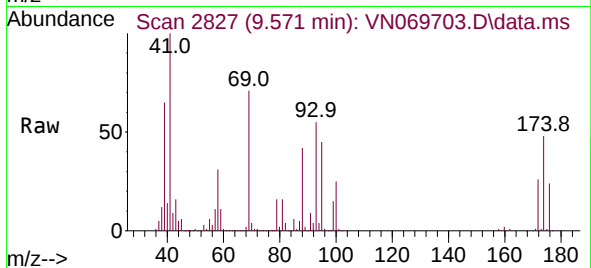
58 74.4 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#50

Toluene-d8

Concen: 55.977 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN069703.D

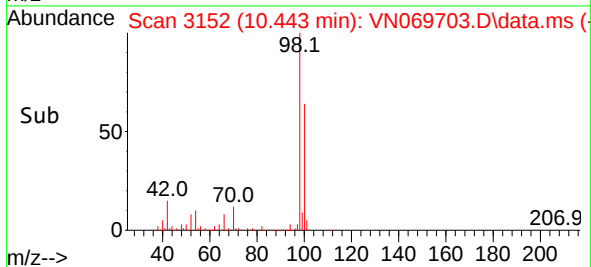
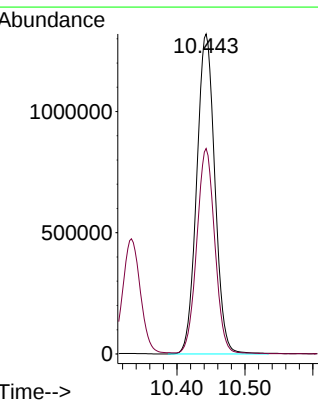
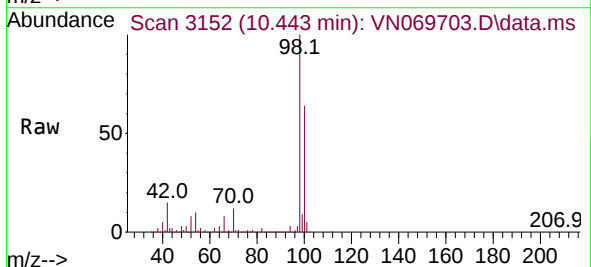
Acq: 2 Dec 2021 18:55

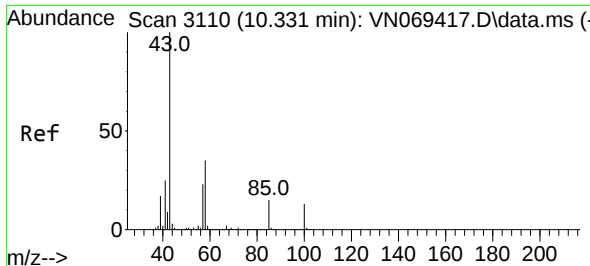
Tgt Ion: 98 Resp: 2448696

Ion Ratio Lower Upper

98 100

100 63.4 50.4 75.6





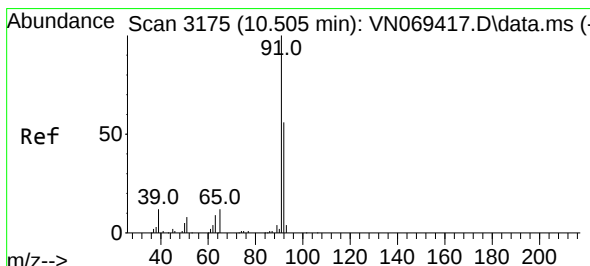
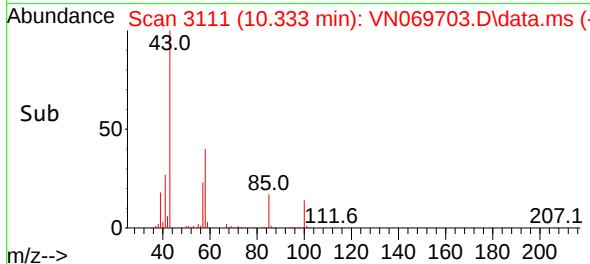
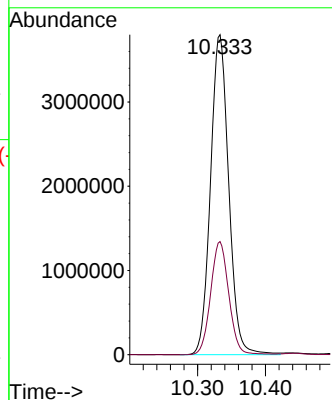
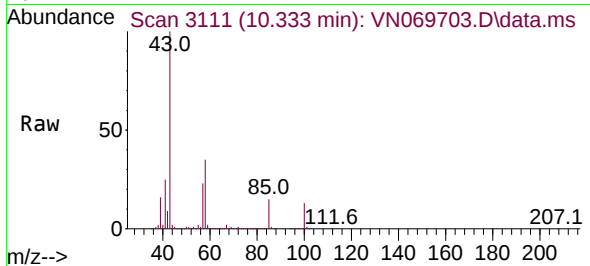
#51
4-Methyl-2-Pentanone
Concen: 320.405 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 7069389
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

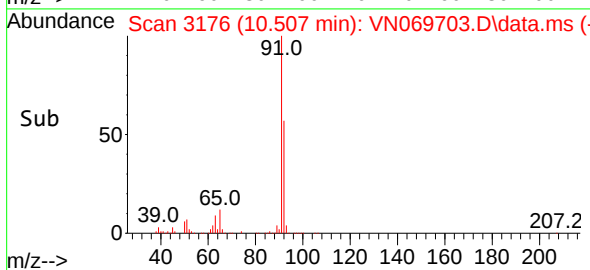
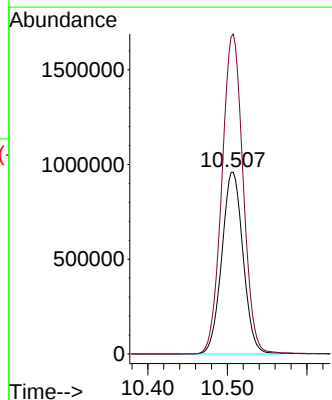
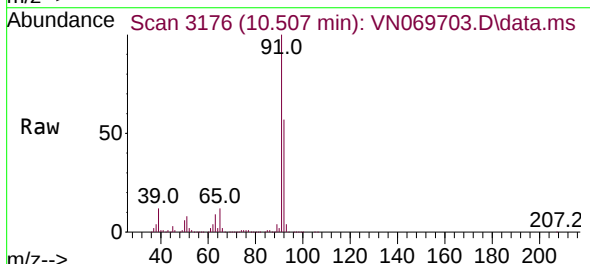
Manual Integrations
APPROVED

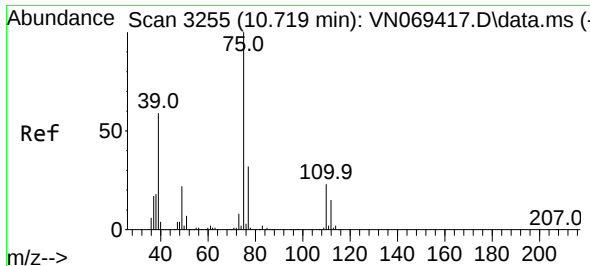
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 59.540 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

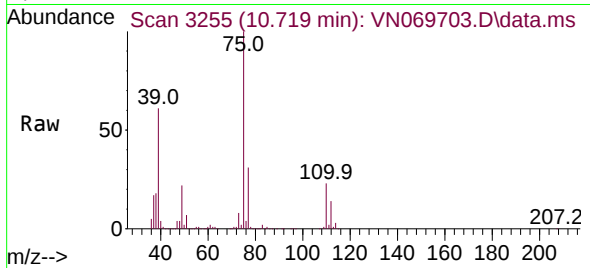
Tgt Ion: 92 Resp: 1778758
Ion Ratio Lower Upper
92 100
91 176.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 63.623 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

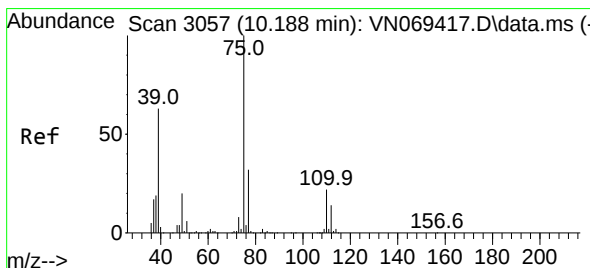
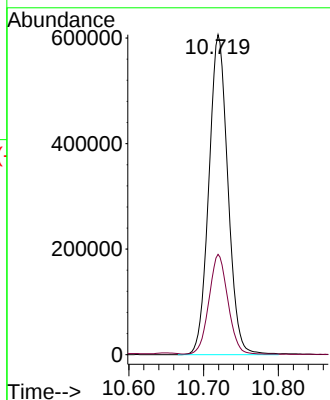
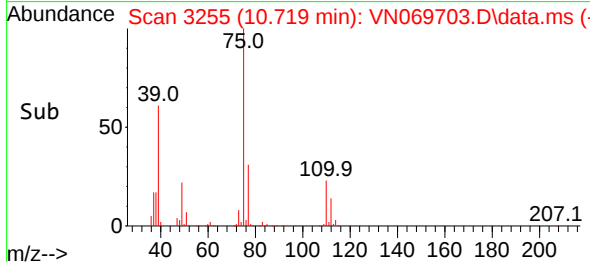
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



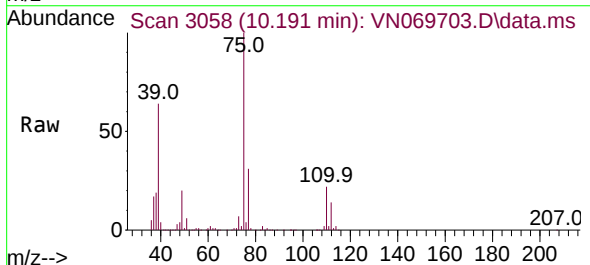
Tgt Ion: 75 Resp: 107169
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

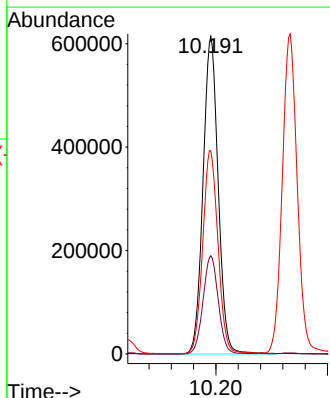
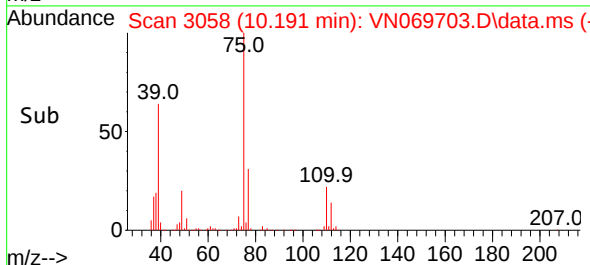
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

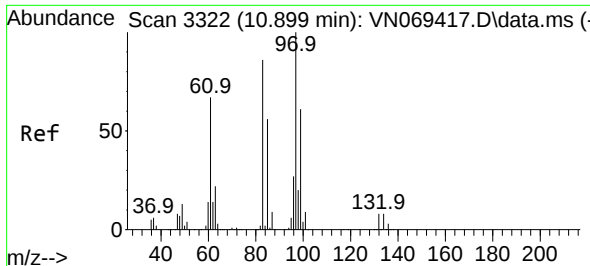


#54
cis-1,3-Dichloropropene
Concen: 63.008 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



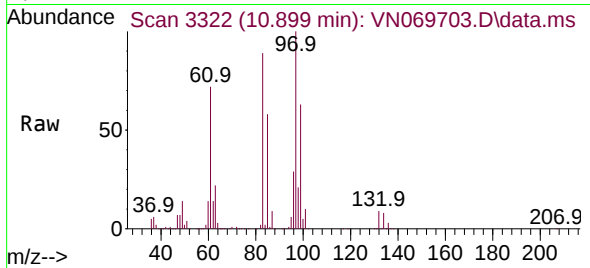
Tgt Ion: 75 Resp: 1158158
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
39 63.9 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 59.061 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

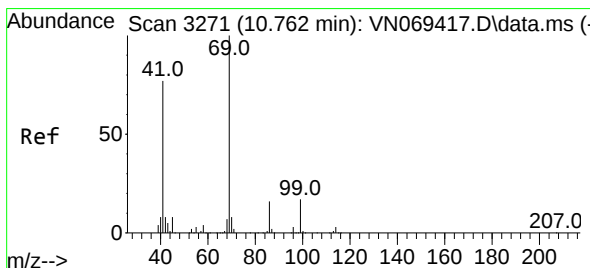
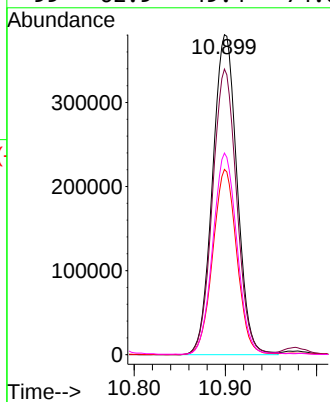
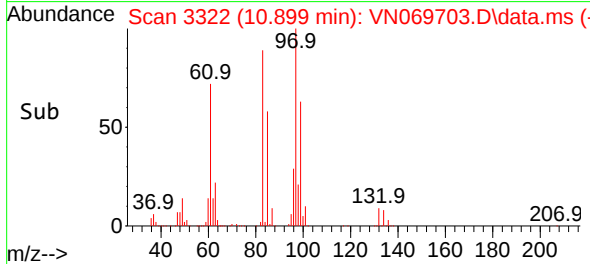
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



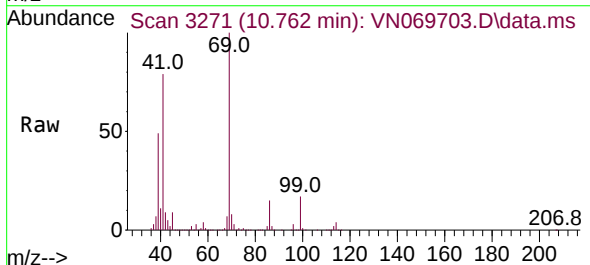
Tgt Ion: 97 Resp: 710168
Ion Ratio Lower Upper
97 100
83 89.3 67.8 101.6
85 57.9 45.4 68.2
99 62.9 49.4 74.0

Manual Integrations
APPROVED

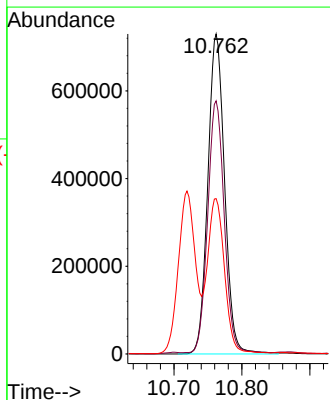
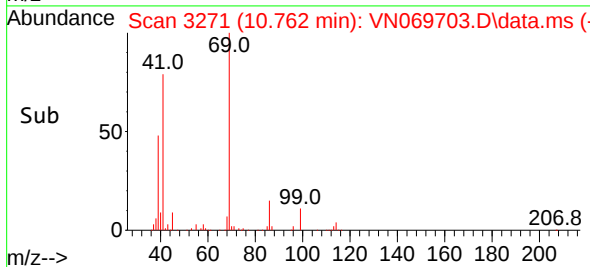
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

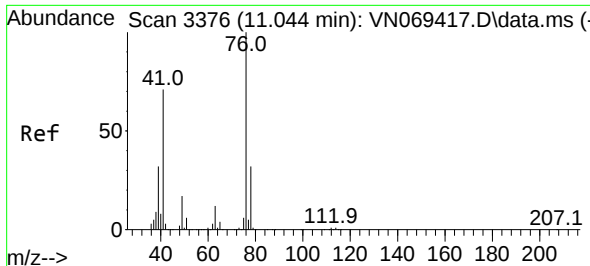


#56
Ethyl methacrylate
Concen: 62.437 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



Tgt Ion: 69 Resp: 1252886
Ion Ratio Lower Upper
69 100
41 77.3 51.4 77.0#
39 48.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 59.026 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN069703.D

Acq: 2 Dec 2021 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 125243

Ion Ratio Lower Upper

76 100

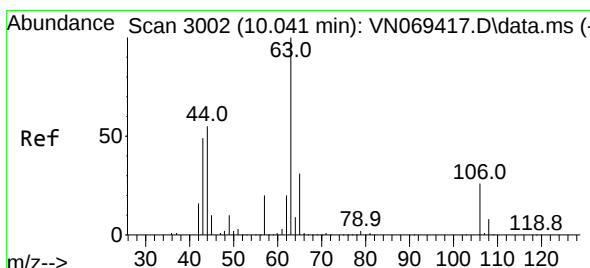
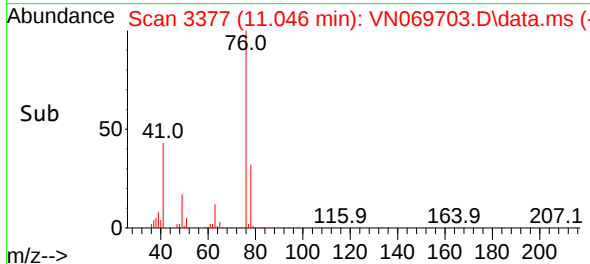
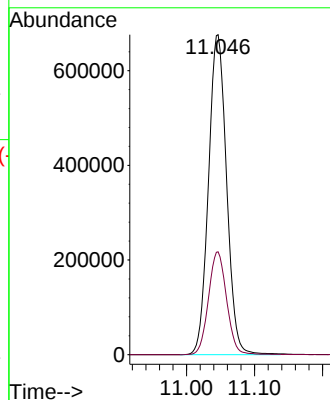
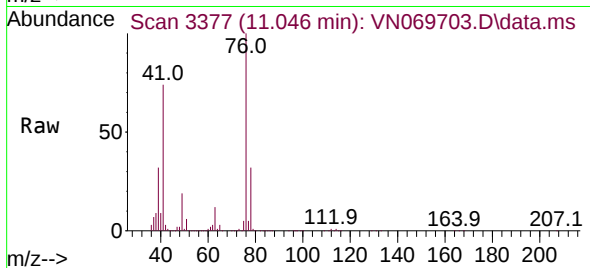
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#58

2-Chloroethyl Vinyl ether

Concen: 336.283 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.000 min

Lab File: VN069703.D

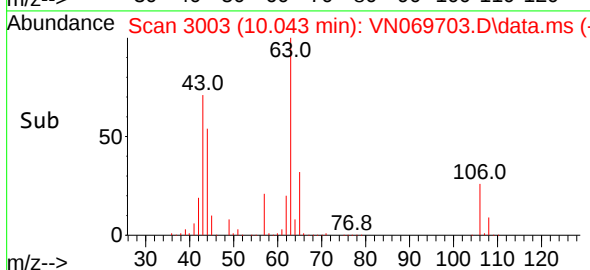
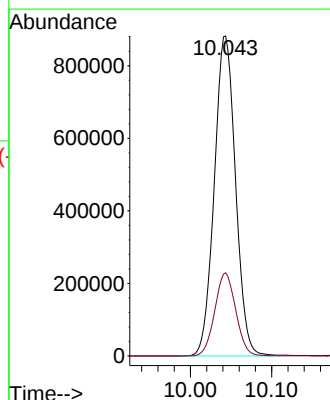
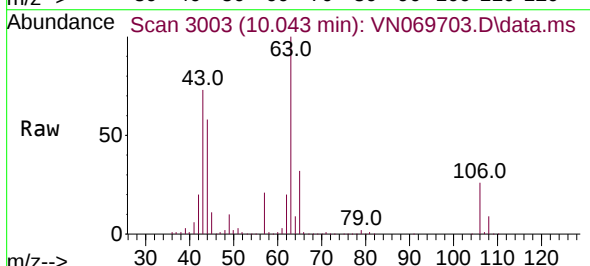
Acq: 2 Dec 2021 18:55

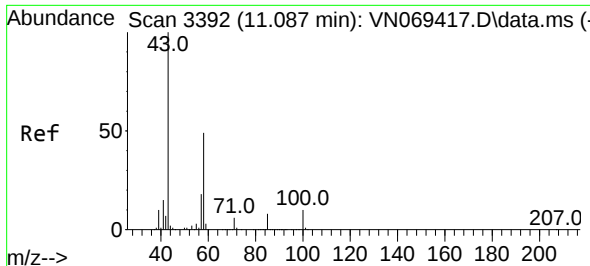
Tgt Ion: 63 Resp: 1601061

Ion Ratio Lower Upper

63 100

106 25.6 23.9 35.9





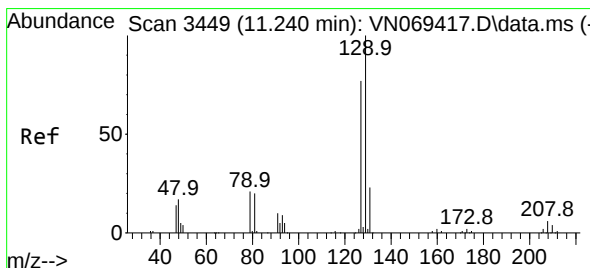
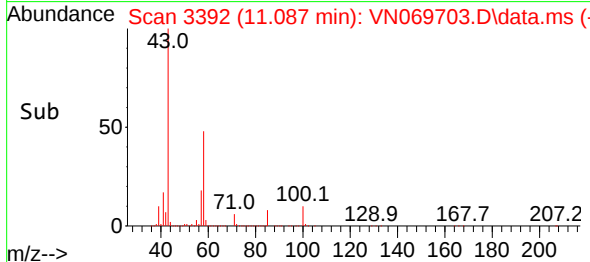
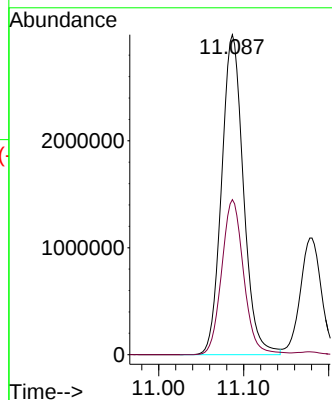
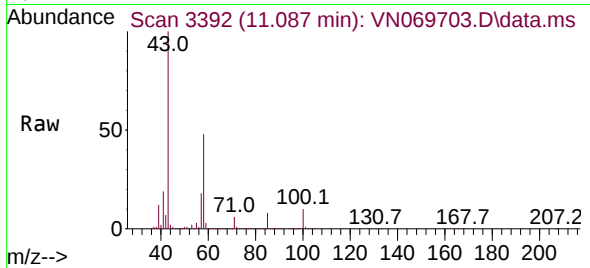
#59
2-Hexanone
Concen: 323.883 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 533336
Ion Ratio Lower Upper
43 100
58 48.9 26.9 80.7

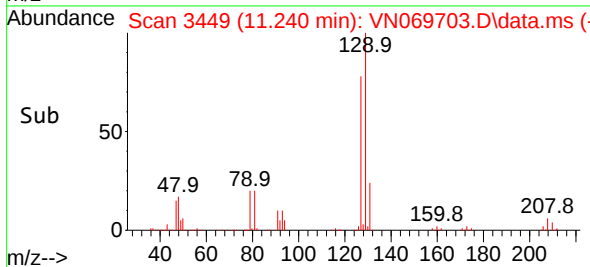
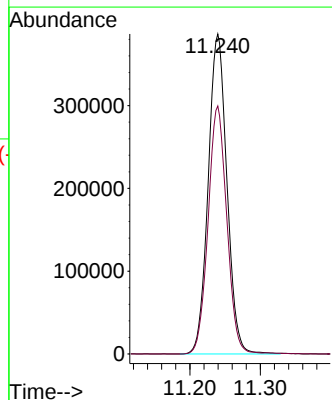
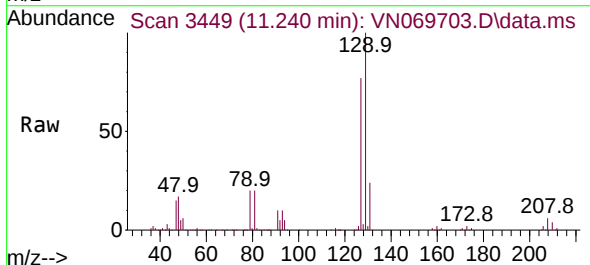
Manual Integrations
APPROVED

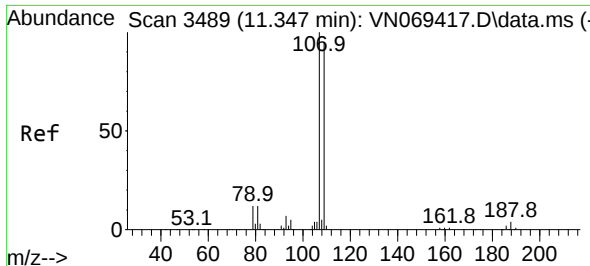
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 63.039 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

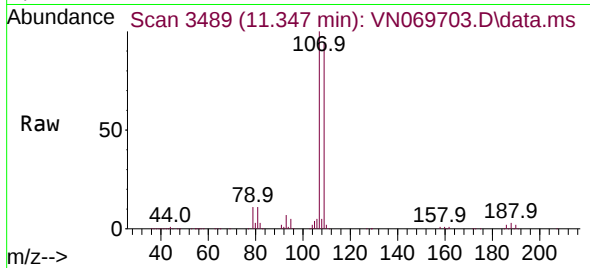
Tgt Ion:129 Resp: 712698
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 61.266 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

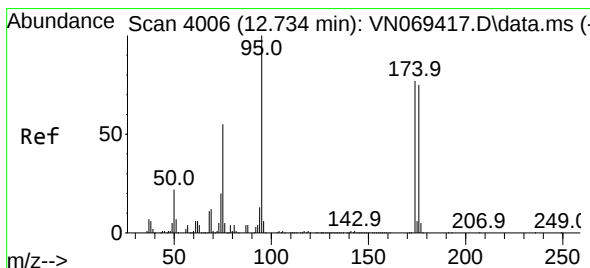
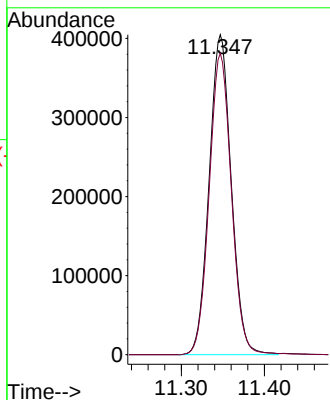
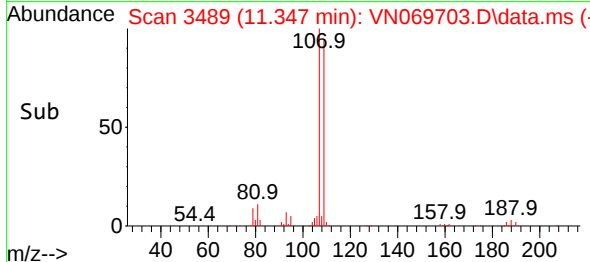
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



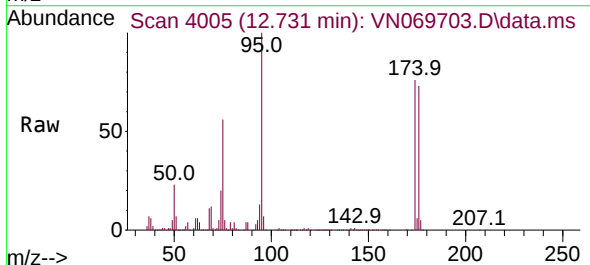
Tgt Ion:107 Resp: 748812
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

Manual Integrations
APPROVED

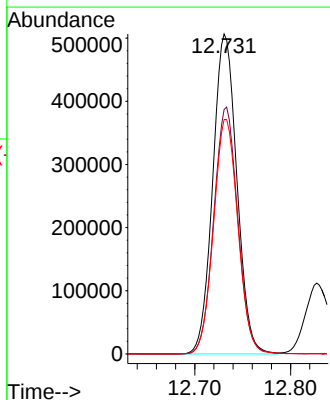
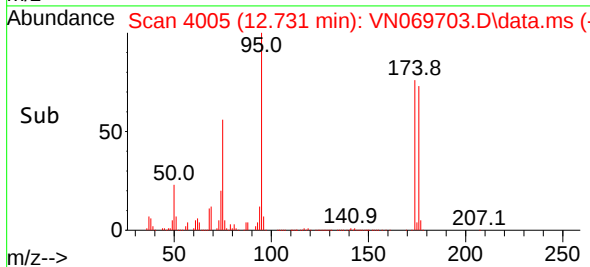
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

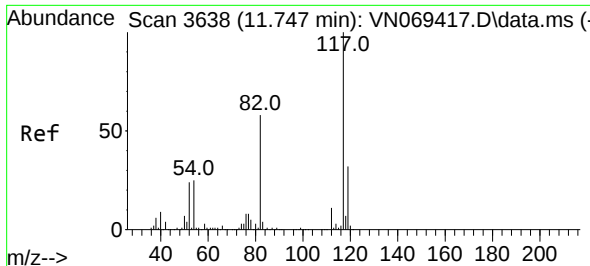


#62
4-Bromofluorobenzene
Concen: 55.152 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



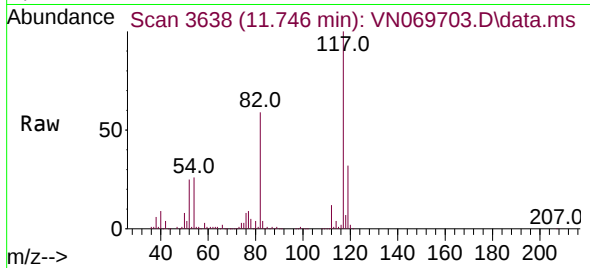
Tgt Ion: 95 Resp: 882455
Ion Ratio Lower Upper
95 100
174 77.0 0.0 187.2
176 74.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

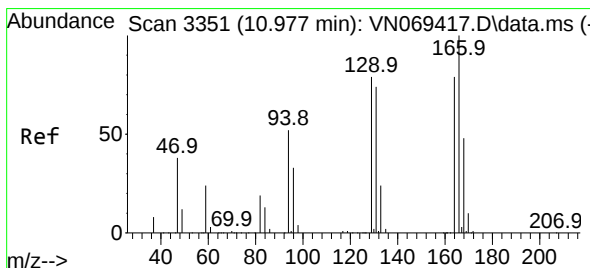
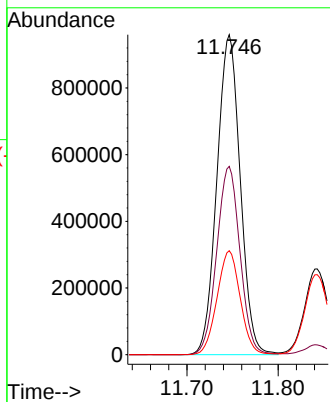
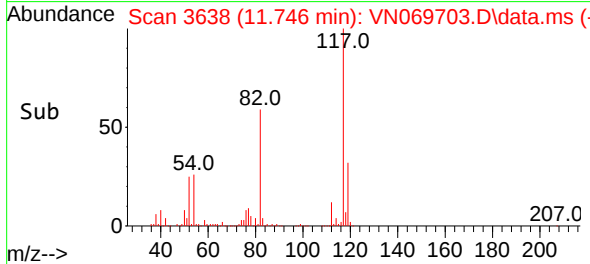
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



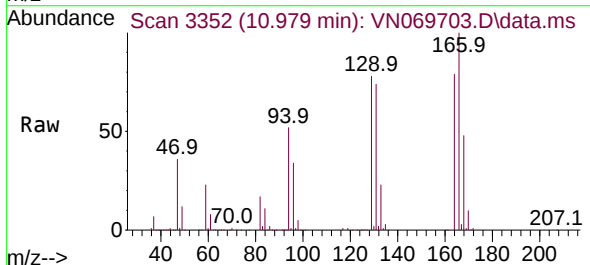
Tgt Ion:117 Resp: 170769
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.5 25.4 38.2

Manual Integrations
APPROVED

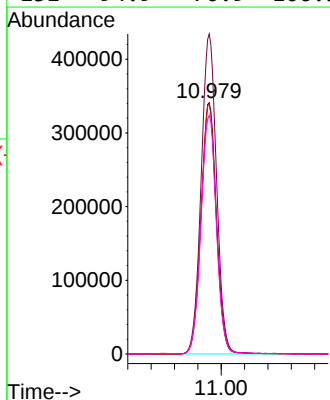
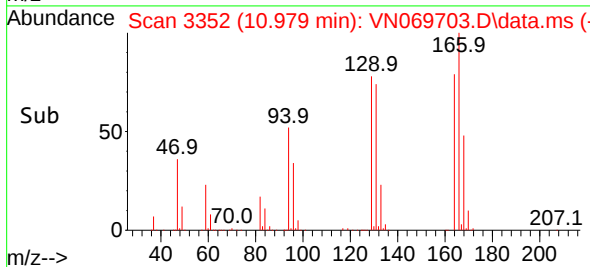
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

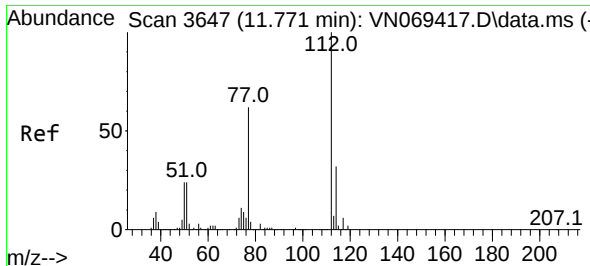


#64
Tetrachloroethene
Concen: 58.913 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



Tgt Ion:164 Resp: 627282
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 99.5 72.0 108.0
131 94.9 70.9 106.3





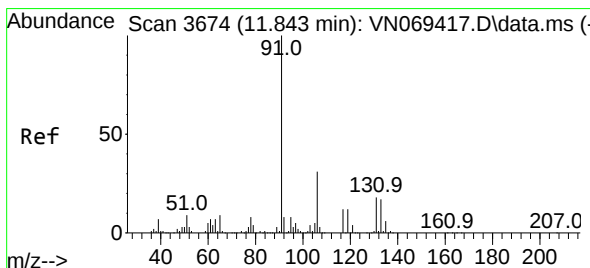
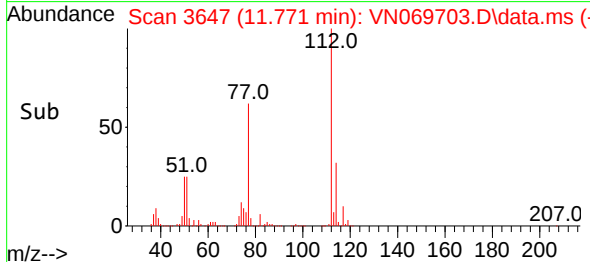
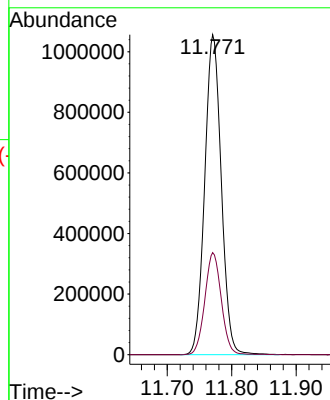
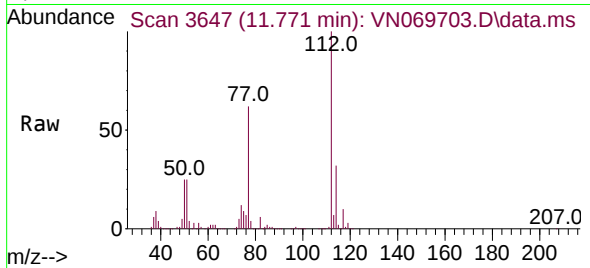
#65
Chlorobenzene
Concen: 57.759 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 1883629
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

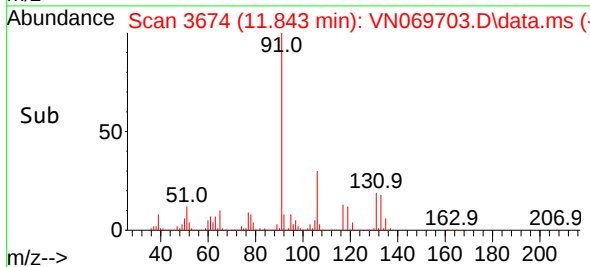
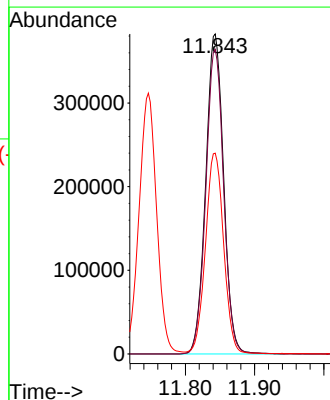
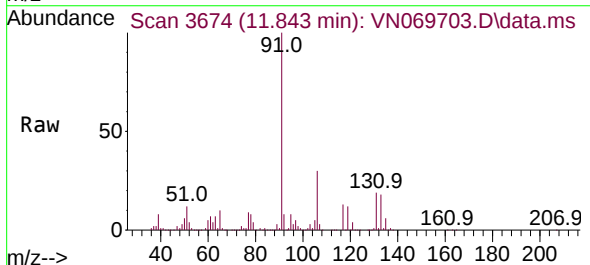
Manual Integrations
APPROVED

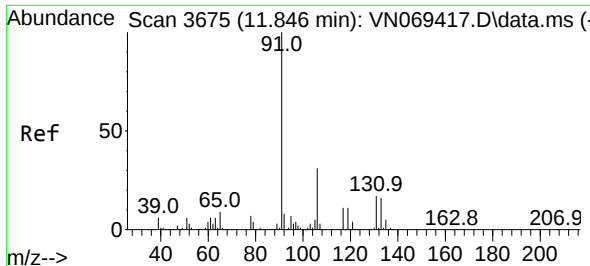
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 60.651 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion:131 Resp: 687772
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 63.6 32.1 96.5





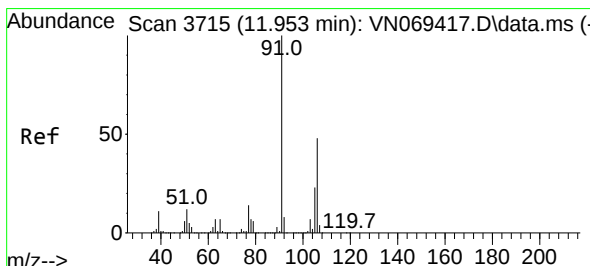
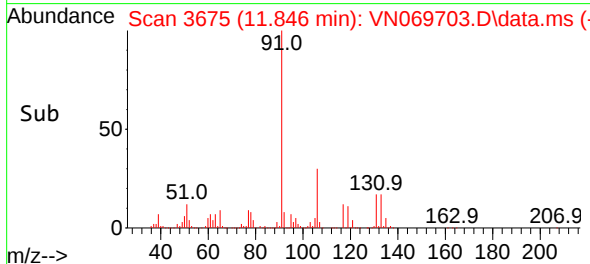
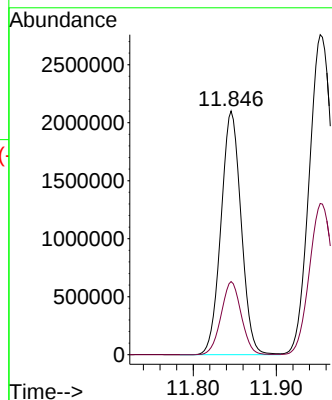
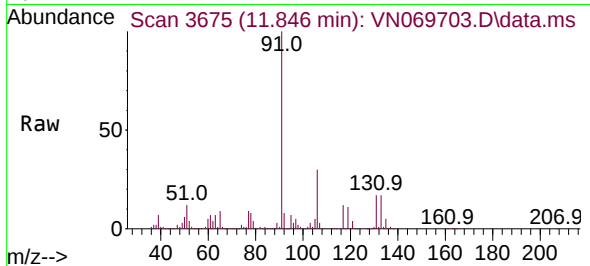
#67
Ethyl Benzene
Concen: 58.860 ug/l
RT: 11.846 min Scan# 3075
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 3544015
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

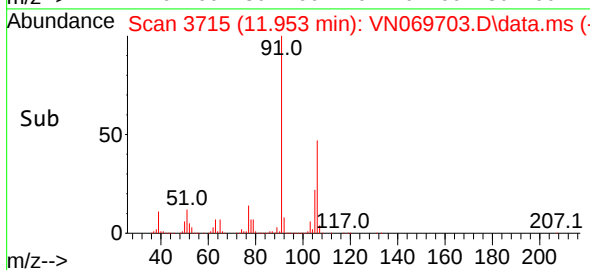
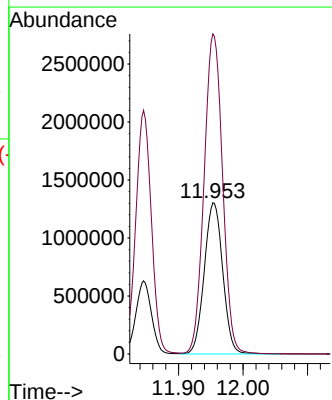
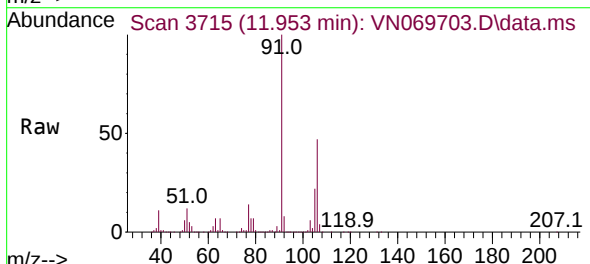
Manual Integrations
APPROVED

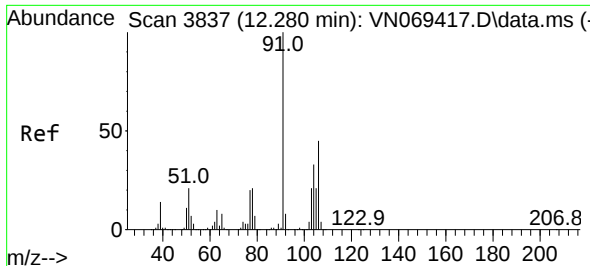
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 117.578 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion:106 Resp: 2593683
Ion Ratio Lower Upper
106 100
91 211.9 160.6 240.8





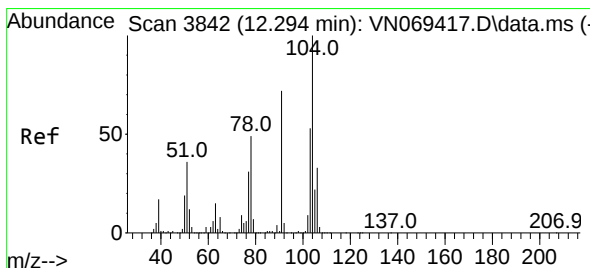
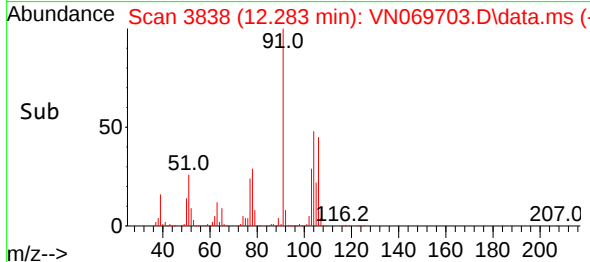
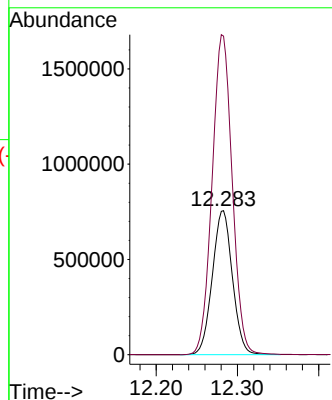
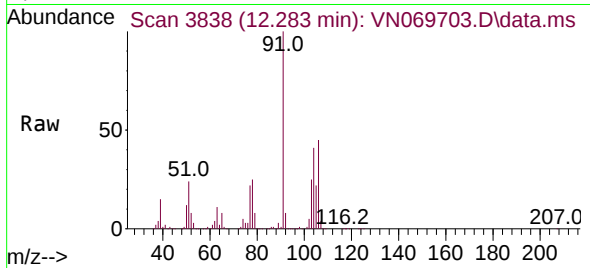
#69
o-Xylene
Concen: 59.029 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 1299249
Ion Ratio Lower Upper
106 100
91 222.4 105.8 317.3

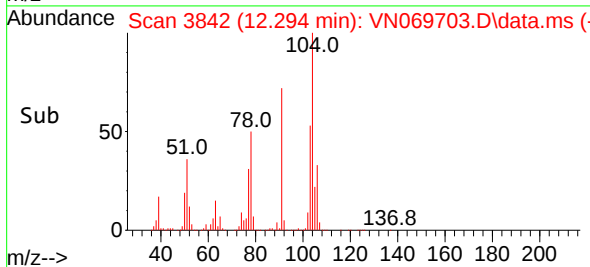
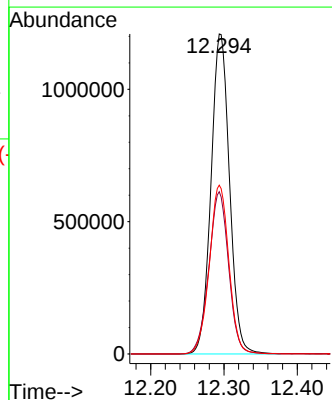
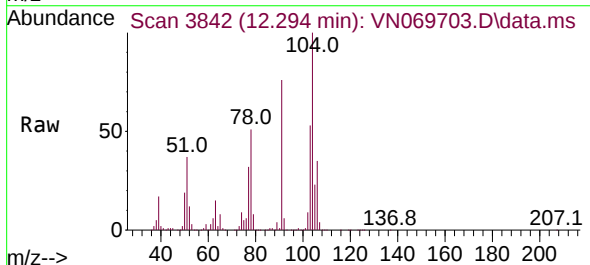
Manual Integrations
APPROVED

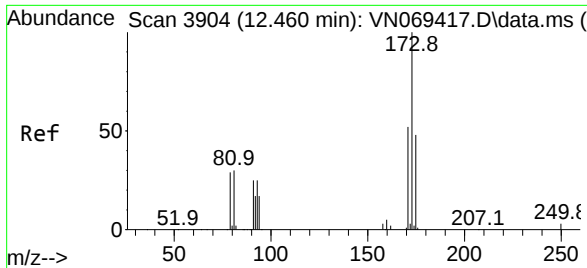
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 60.027 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

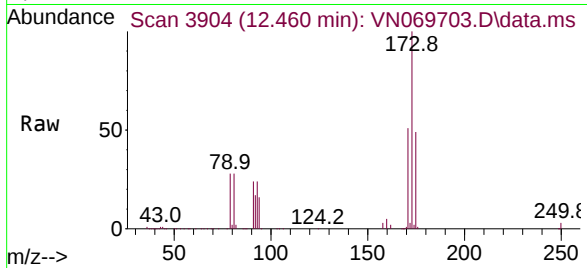
Tgt Ion:104 Resp: 2123410
Ion Ratio Lower Upper
104 100
78 54.1 38.7 58.1
103 55.8 45.0 67.6





#71
Bromoform
Concen: 65.077 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

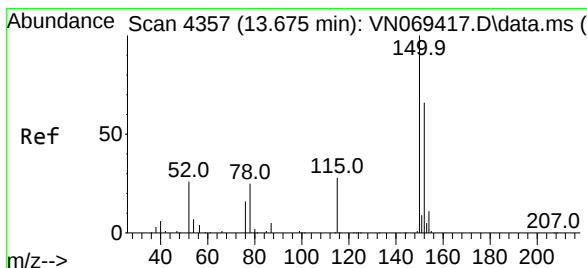
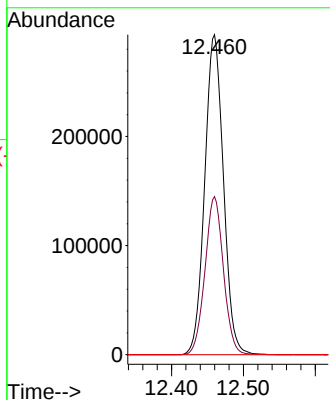
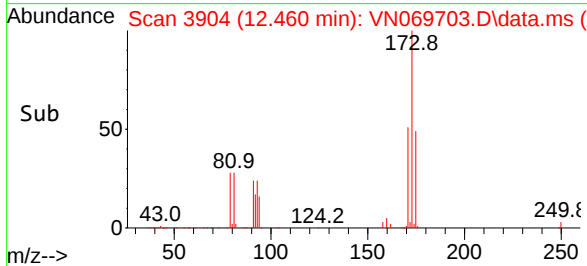
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



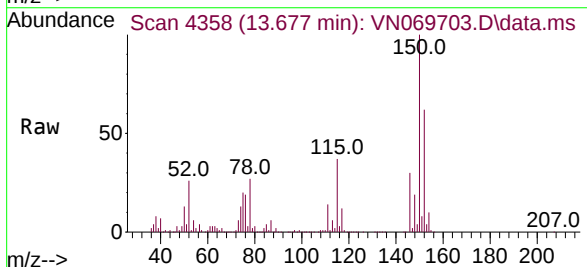
Tgt Ion:173 Resp: 531324
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

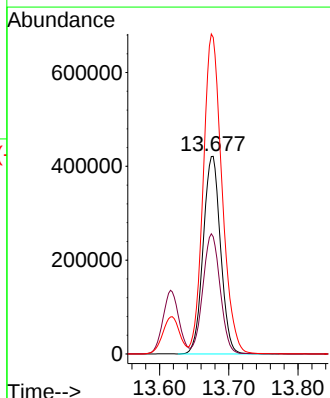
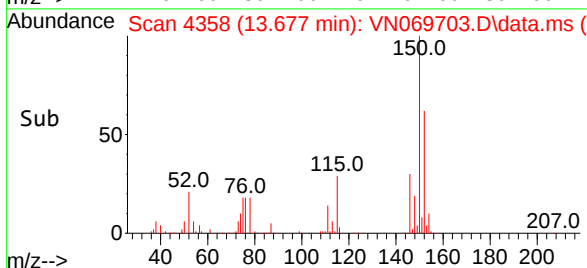
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

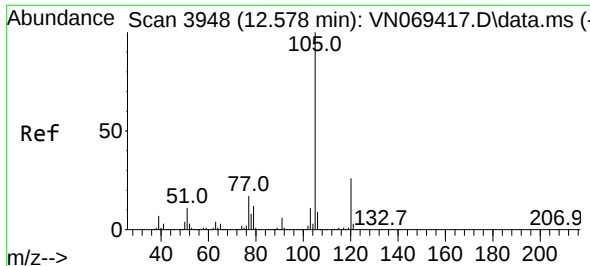


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



Tgt Ion:152 Resp: 732447
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 175.2 0.0 344.4





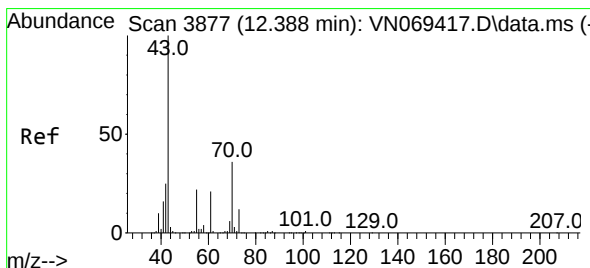
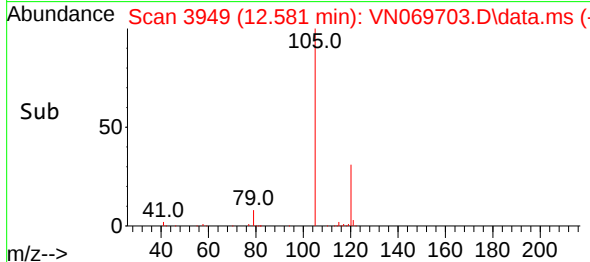
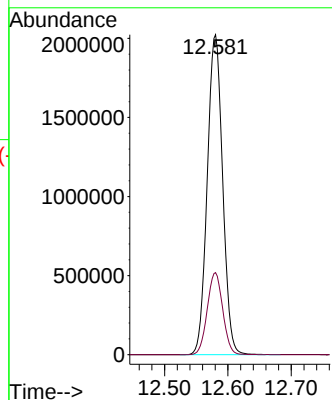
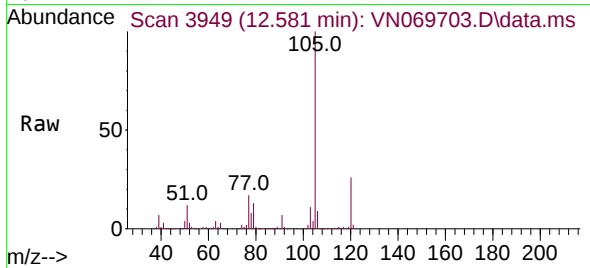
#73
Isopropylbenzene
Concen: 56.944 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 341357
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

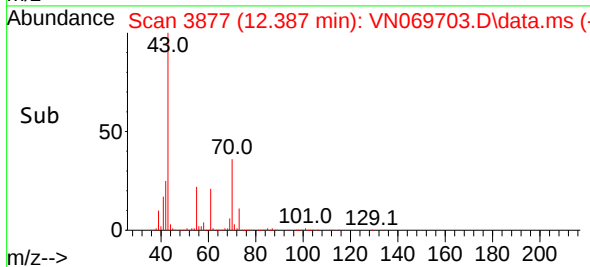
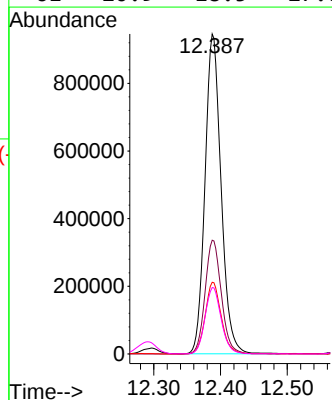
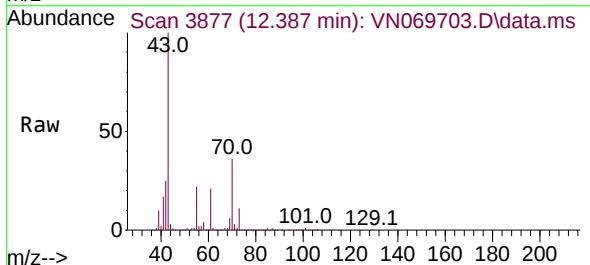
Manual Integrations
APPROVED

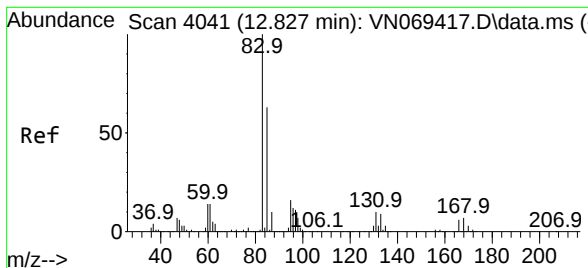
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#74
N-ethyl acetate
Concen: 61.578 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

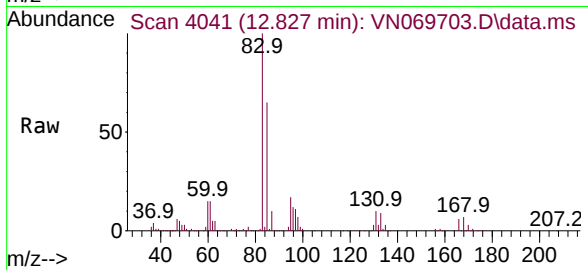
Tgt Ion: 43 Resp: 1579313
Ion Ratio Lower Upper
43 100
70 35.9 33.4 50.0
55 22.6 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 57.168 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

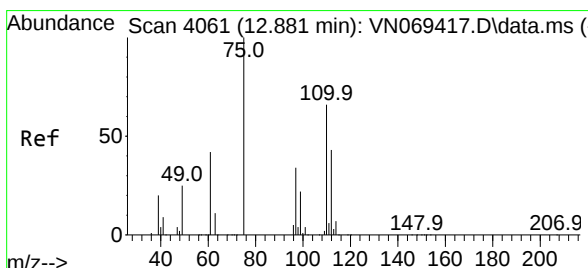
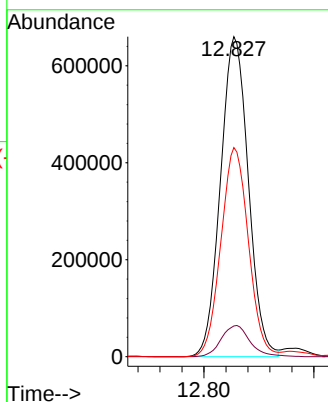
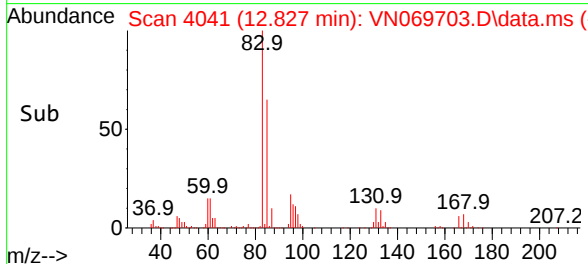
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



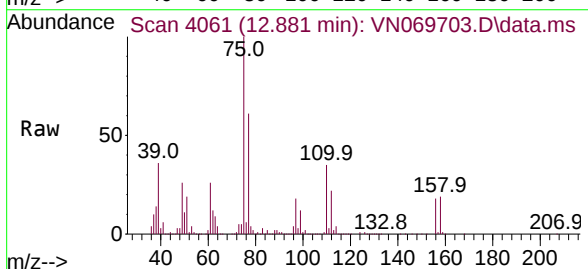
Tgt Ion: 83 Resp: 1161394
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 64.6 32.4 97.2

Manual Integrations
APPROVED

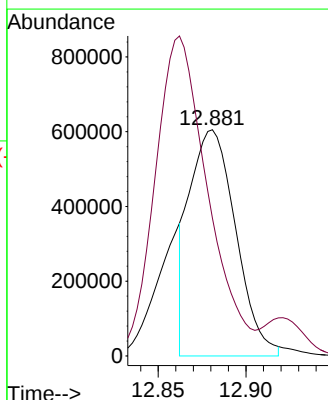
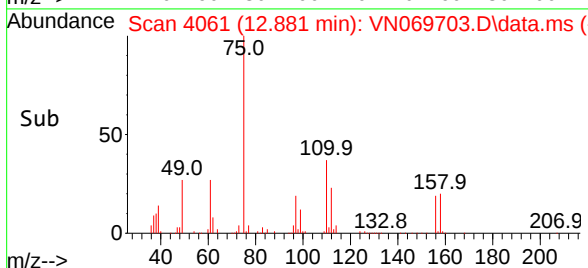
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

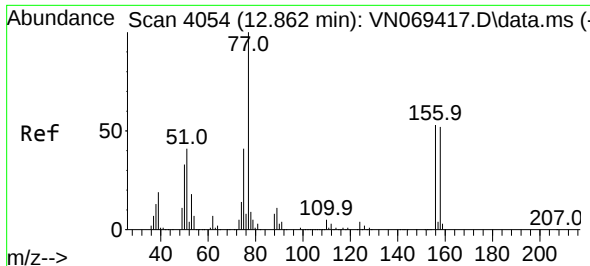


#76
1,2,3-Trichloropropane
Concen: 58.374 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



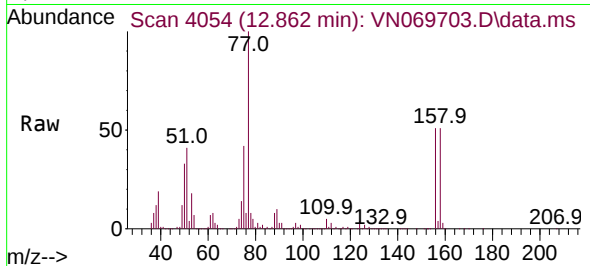
Tgt Ion: 75 Resp: 1106327
Ion Ratio Lower Upper
75 100
77 161.4 82.6 247.8





#77
Bromobenzene
Concen: 57.337 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

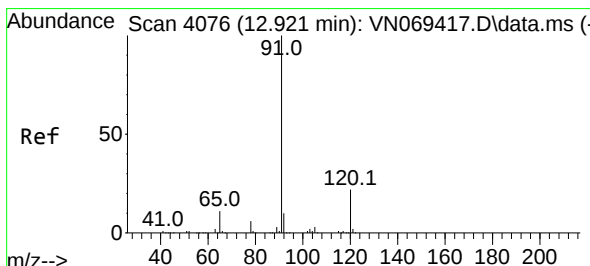
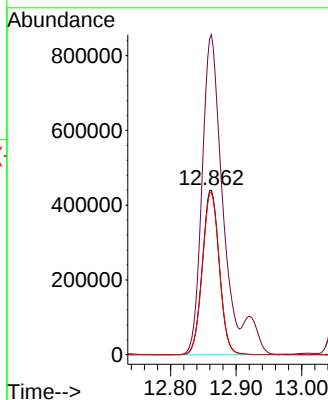
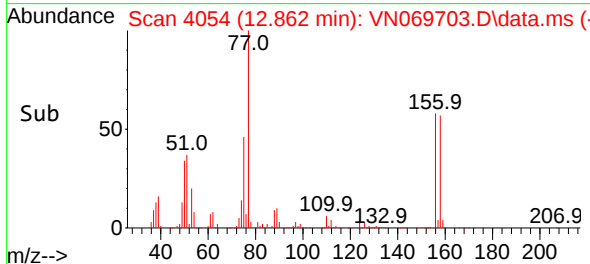
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 789475
Ion Ratio Lower Upper
156 100
77 226.2 90.6 271.8
158 98.6 48.9 146.7

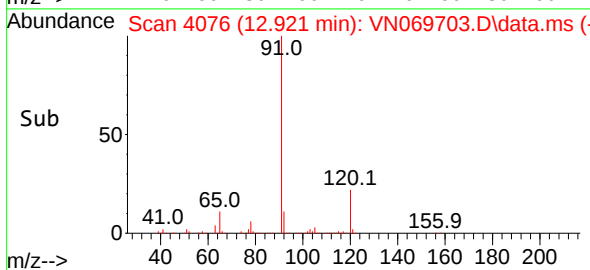
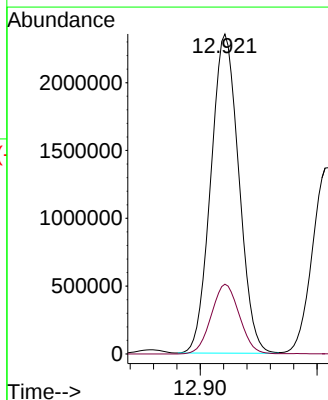
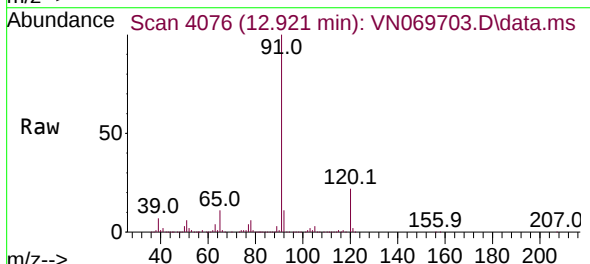
Manual Integrations
APPROVED

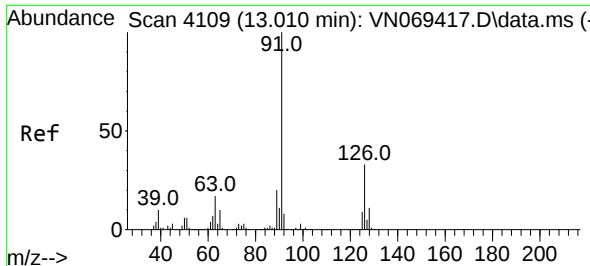
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 58.016 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion: 91 Resp: 3914375
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





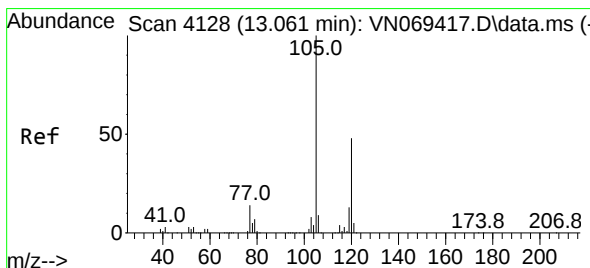
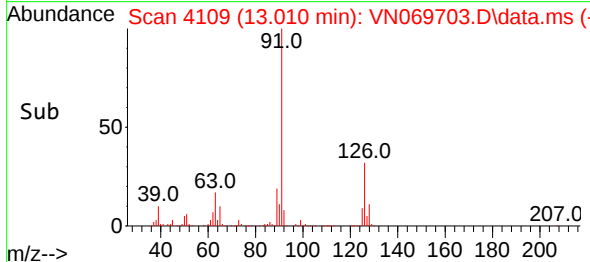
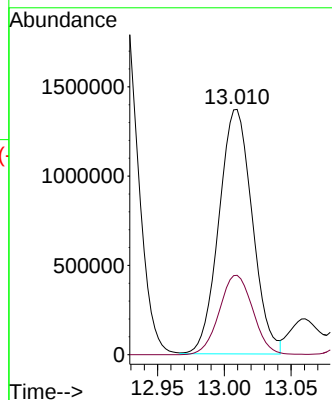
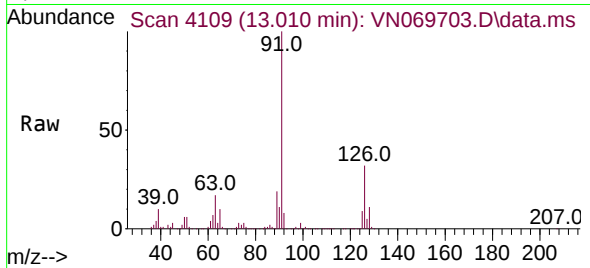
#79
2-Chlorotoluene
Concen: 56.966 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 238568
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

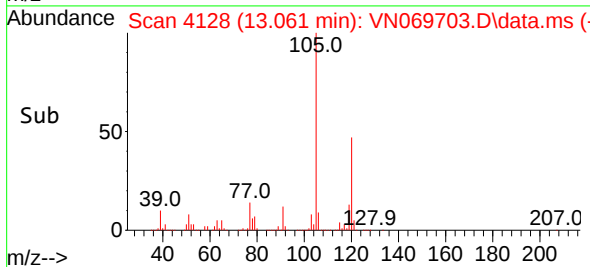
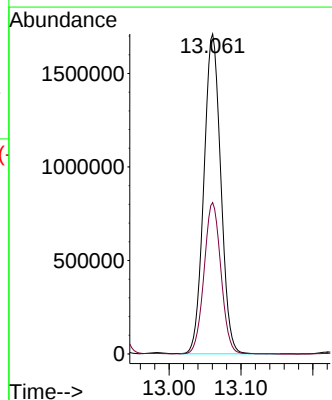
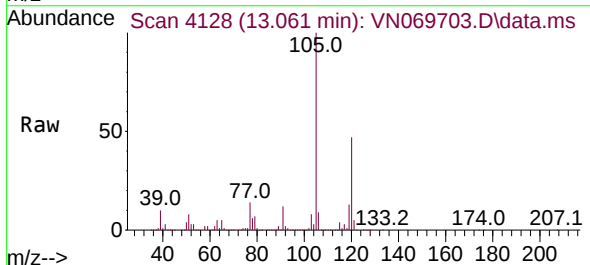
Manual Integrations
APPROVED

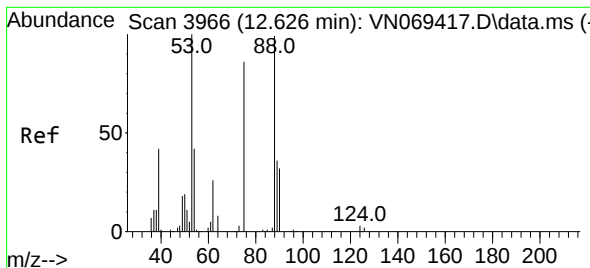
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 57.760 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

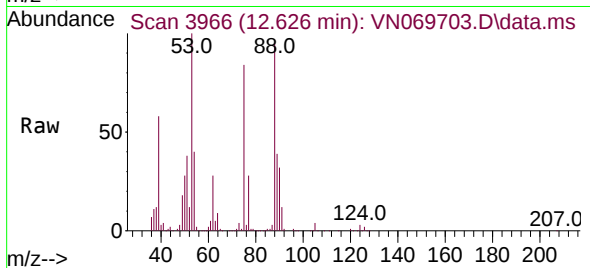
Tgt Ion:105 Resp: 2801925
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 62.511 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

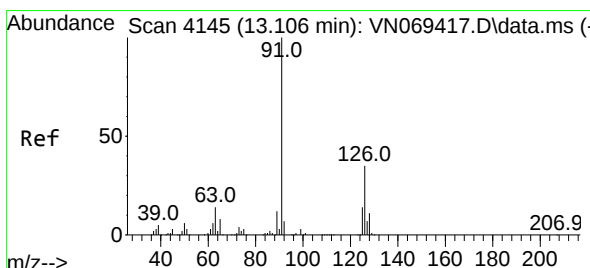
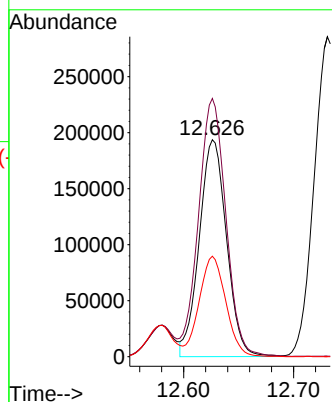
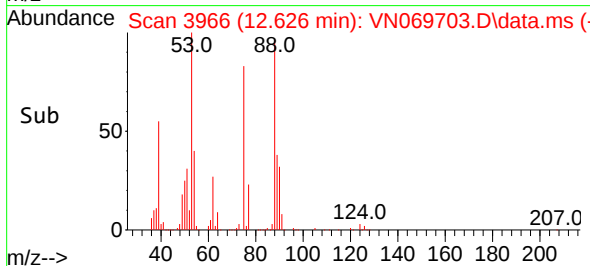
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



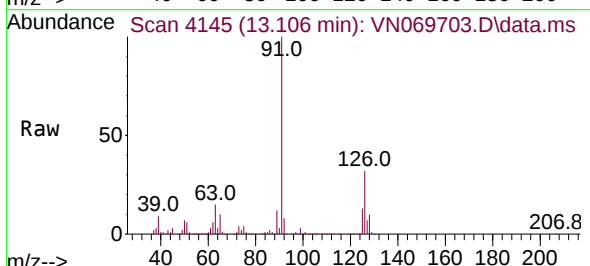
Tgt Ion: 75 Resp: 332940
Ion Ratio Lower Upper
75 100
53 120.0 90.5 135.7
89 45.3 38.2 57.4

Manual Integrations
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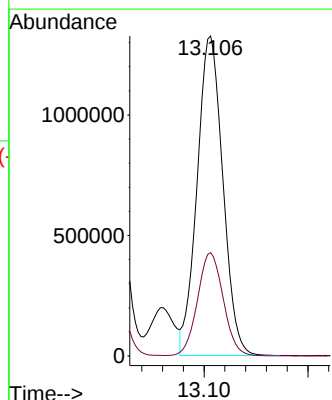
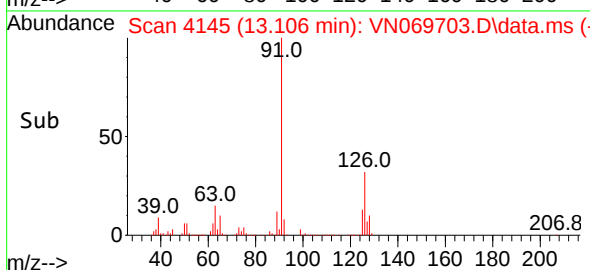
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

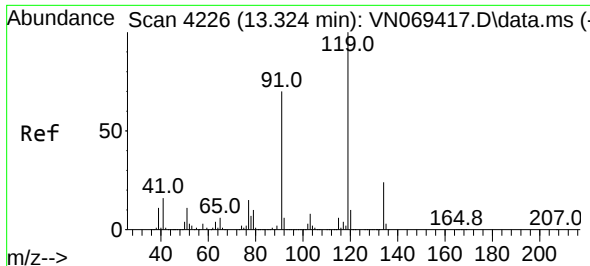


#82
4-Chlorotoluene
Concen: 57.221 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



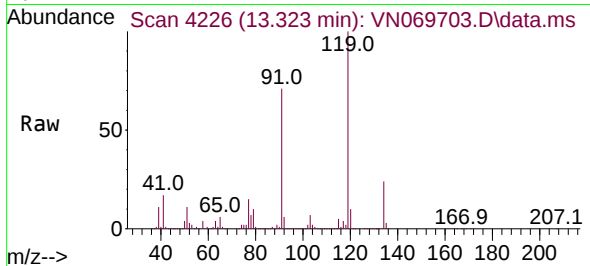
Tgt Ion: 91 Resp: 2281756
Ion Ratio Lower Upper
91 100
126 32.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 58.048 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

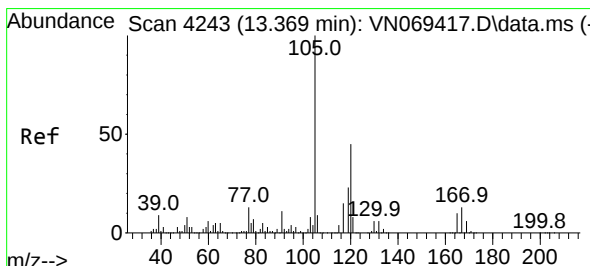
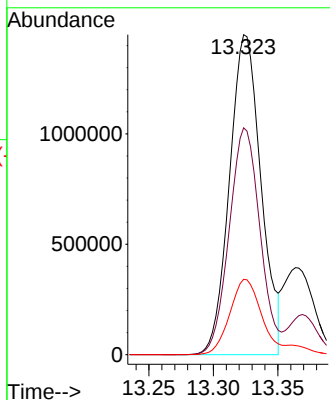
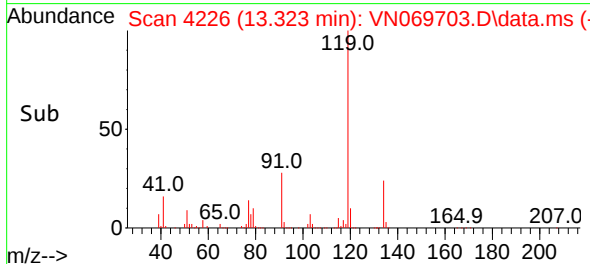
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



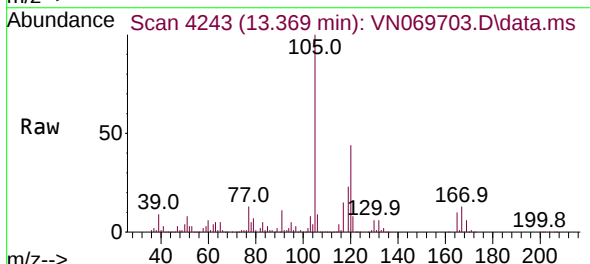
Tgt Ion:119 Resp: 246613
Ion Ratio Lower Upper
119 100
91 69.7 31.5 94.5
134 23.8 12.4 37.4

Manual Integrations
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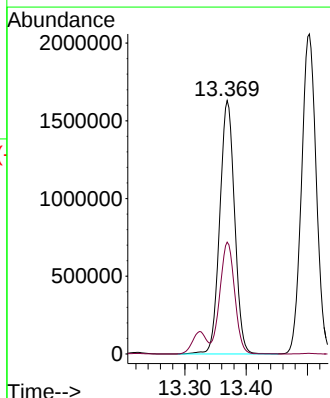
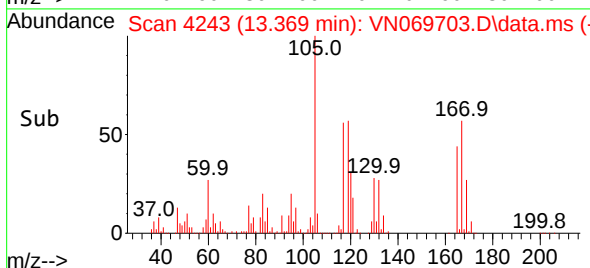
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

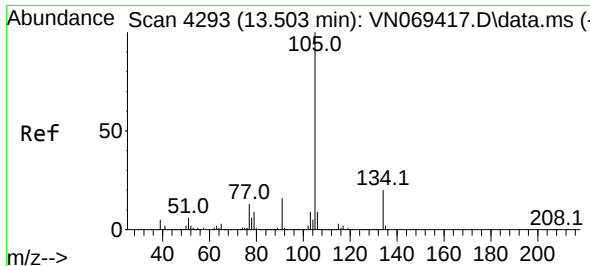


#84
1,2,4-Trimethylbenzene
Concen: 58.566 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55



Tgt Ion:105 Resp: 2739851
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





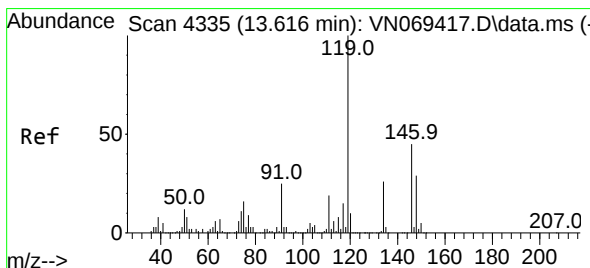
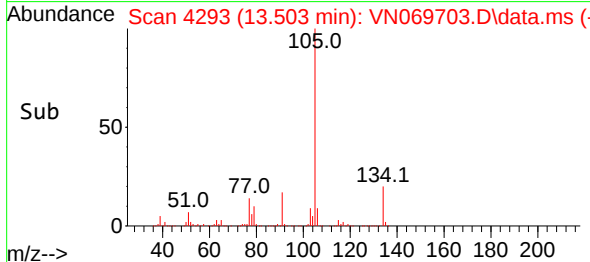
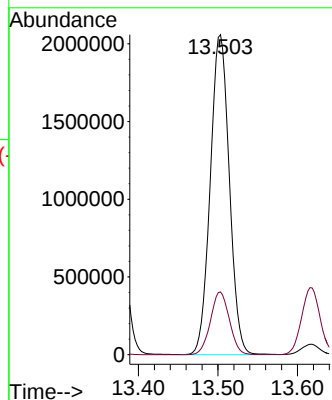
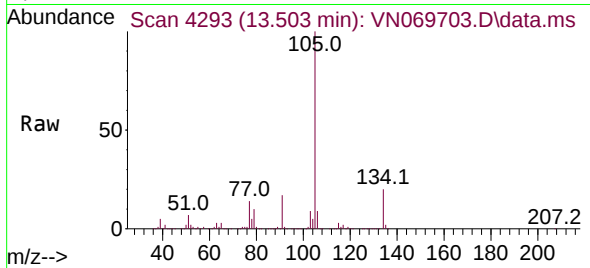
#85
 sec-Butylbenzene
 Concen: 57.924 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069703.D
 Acq: 2 Dec 2021 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 342625
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

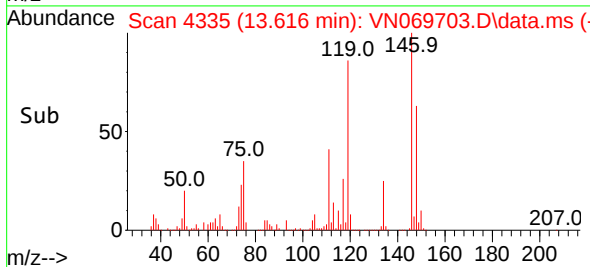
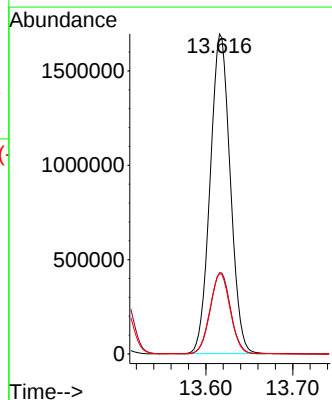
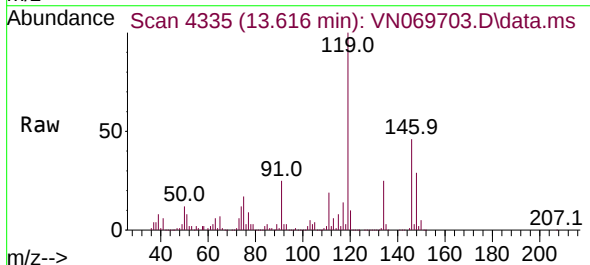
Manual Integrations
 APPROVED

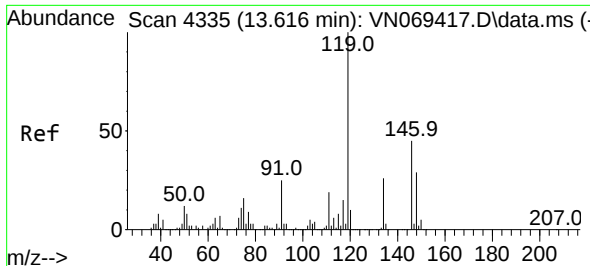
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#86
 p-Isopropyltoluene
 Concen: 57.961 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069703.D
 Acq: 2 Dec 2021 18:55

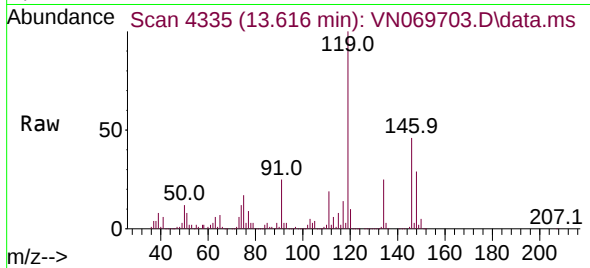
Tgt Ion:119 Resp: 2714262
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.2 11.4 34.1





#87
 1,3-Dichlorobenzene
 Concen: 56.662 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069703.D
 Acq: 2 Dec 2021 18:55

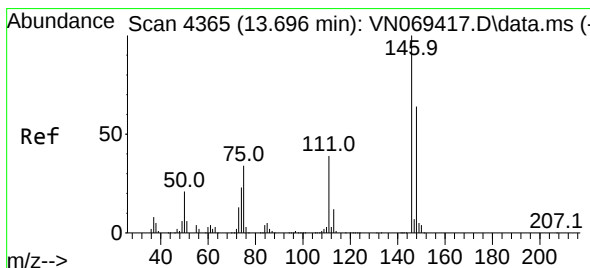
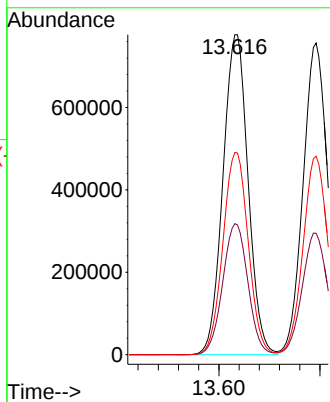
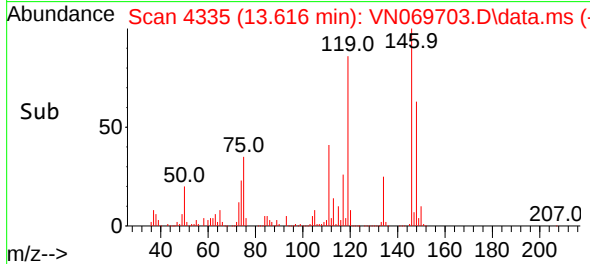
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



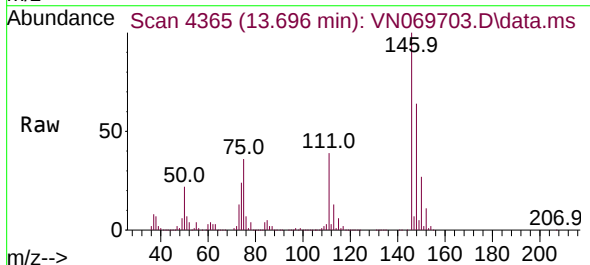
Tgt Ion:146 Resp: 133976
 Ion Ratio Lower Upper
 146 100
 111 41.1 18.6 55.6
 148 63.8 31.6 95.0

Manual Integrations
 APPROVED

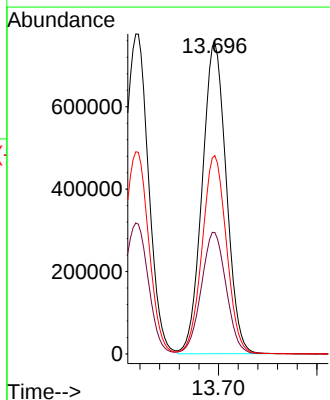
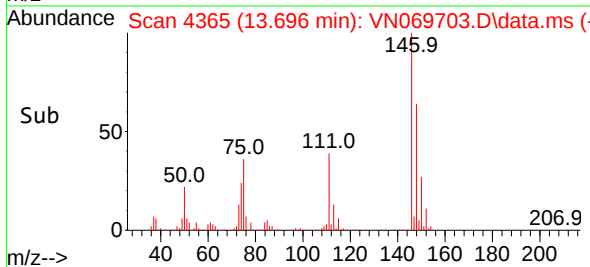
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

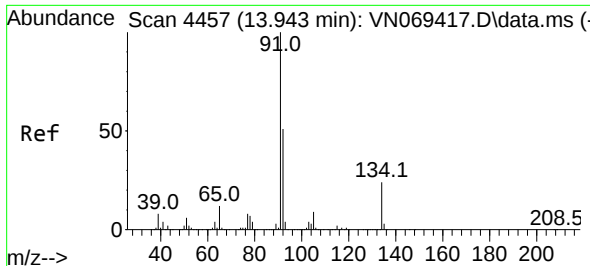


#88
 1,4-Dichlorobenzene
 Concen: 55.618 ug/l
 RT: 13.696 min Scan# 4365
 Delta R.T. 0.000 min
 Lab File: VN069703.D
 Acq: 2 Dec 2021 18:55



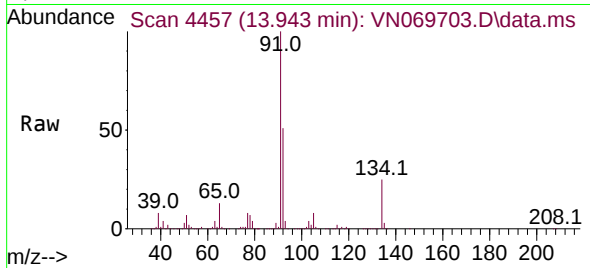
Tgt Ion:146 Resp: 1287449
 Ion Ratio Lower Upper
 146 100
 111 40.1 18.3 54.8
 148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 57.395 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

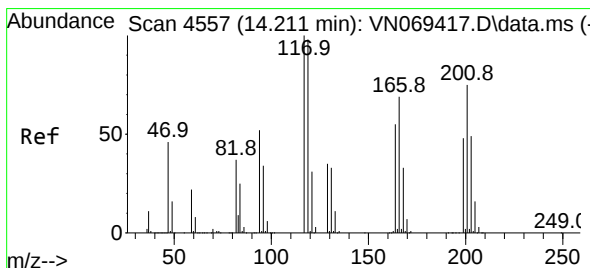
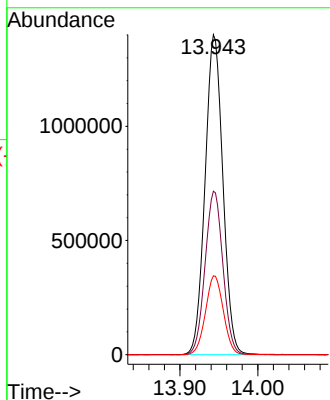
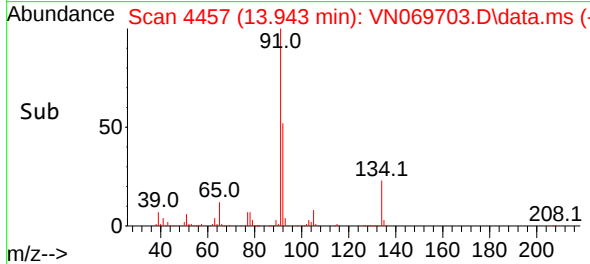
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 2230375
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 24.7 13.6 40.8

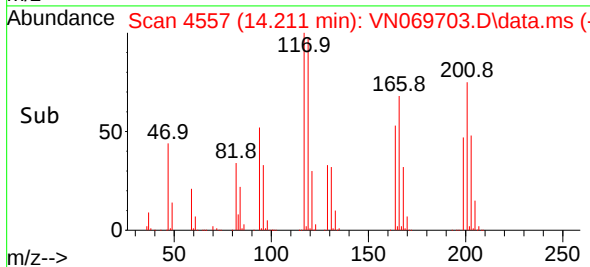
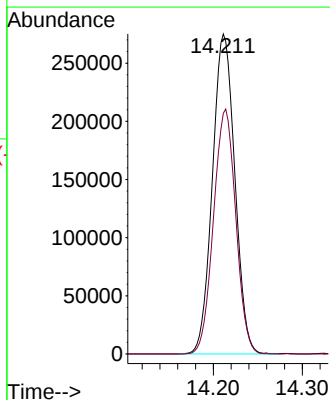
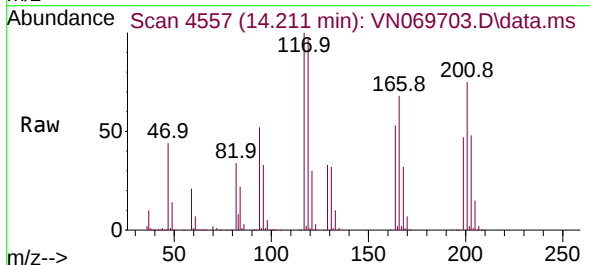
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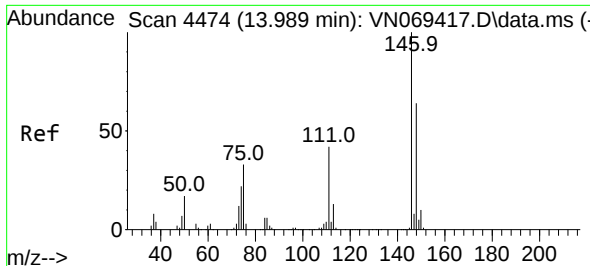
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 62.026 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion:117 Resp: 482261
Ion Ratio Lower Upper
117 100
201 75.9 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 57.485 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VN069703.D

Acq: 2 Dec 2021 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 1295914

Ion Ratio Lower Upper

146 100

111 42.3 19.1 57.3

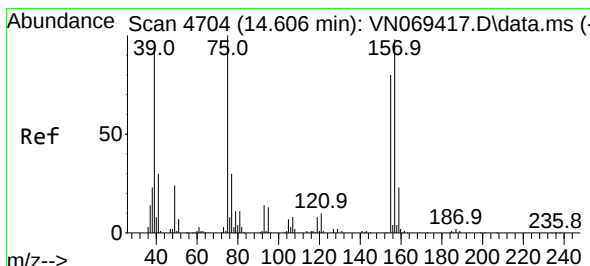
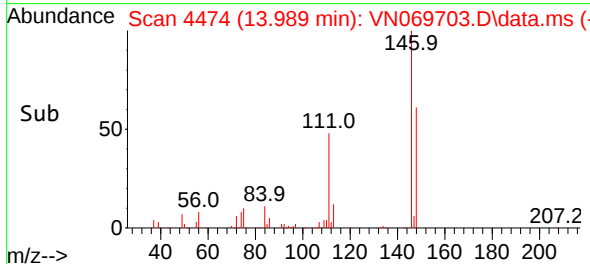
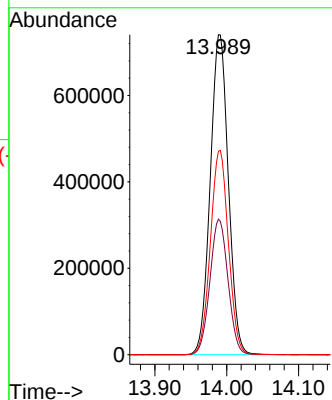
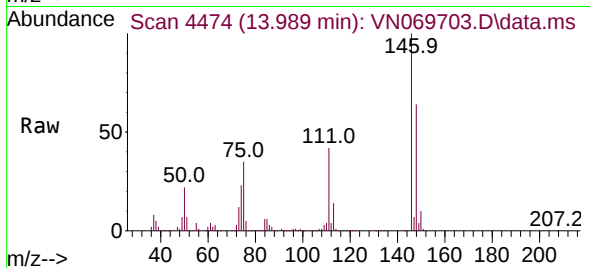
148 63.6 32.1 96.3

Manual Integrations

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Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 66.425 ug/l

RT: 14.603 min Scan# 4703

Delta R.T. 0.000 min

Lab File: VN069703.D

Acq: 2 Dec 2021 18:55

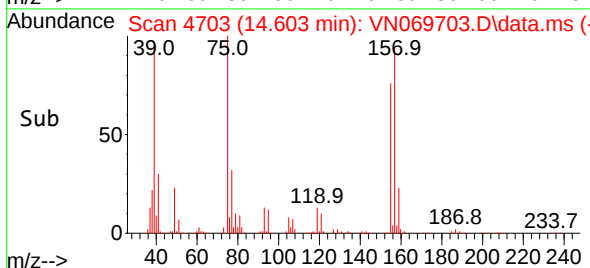
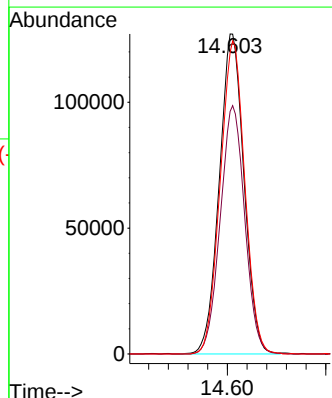
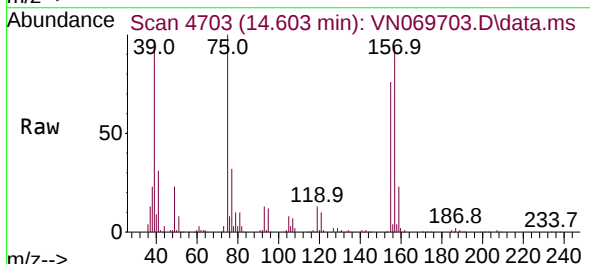
Tgt Ion: 75 Resp: 221544

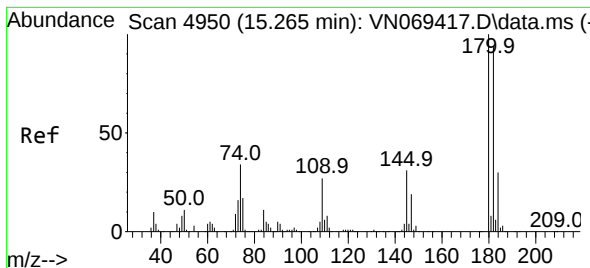
Ion Ratio Lower Upper

75 100

155 76.8 46.9 140.7

157 97.2 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 60.849 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN069703.D

Acq: 2 Dec 2021 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 60106

Ion Ratio Lower Upper

180 100

182 95.8 48.3 144.9

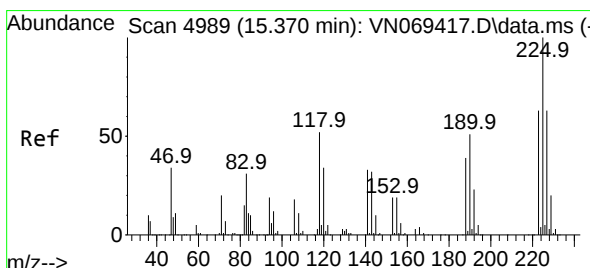
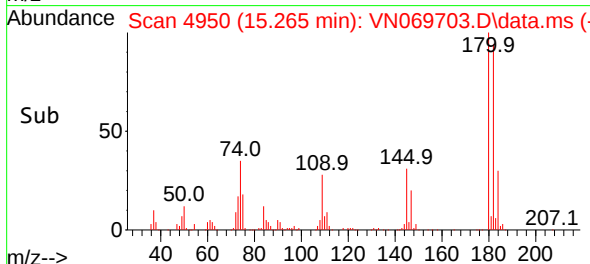
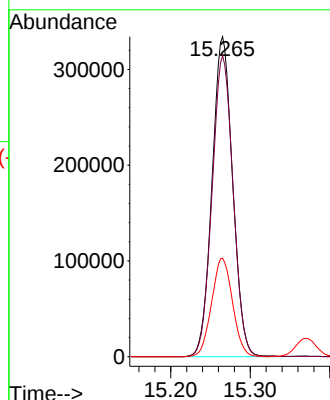
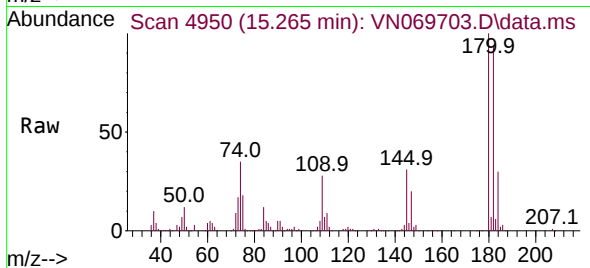
145 31.3 14.5 43.5

Manual Integrations

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Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#94

Hexachlorobutadiene

Concen: 59.963 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. 0.000 min

Lab File: VN069703.D

Acq: 2 Dec 2021 18:55

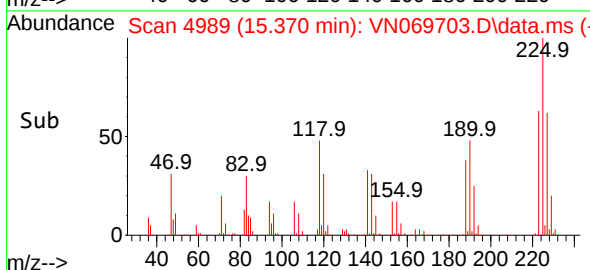
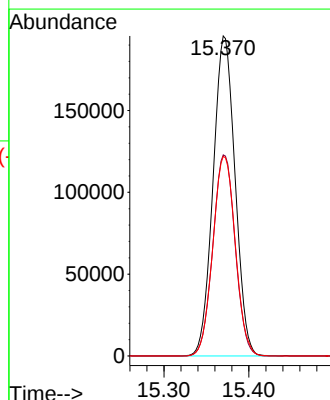
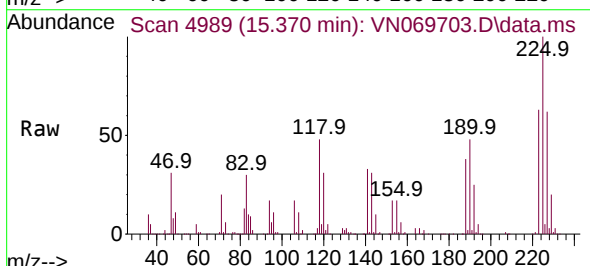
Tgt Ion:225 Resp: 352287

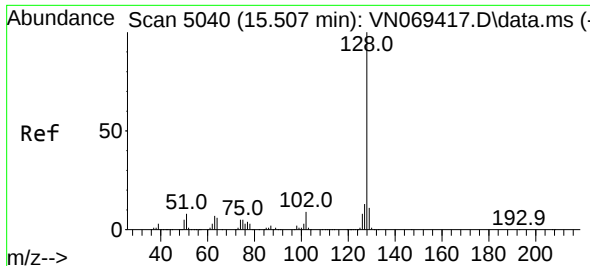
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.7

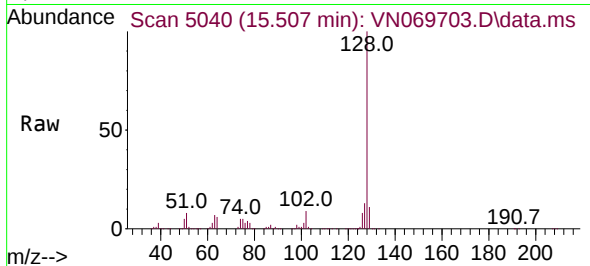
227 63.8 32.1 96.3





#95
Naphthalene
Concen: 64.365 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

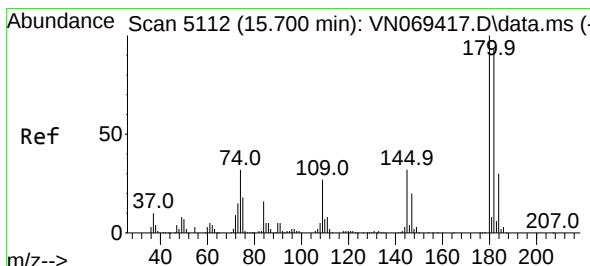
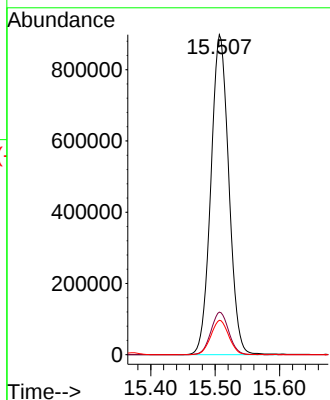
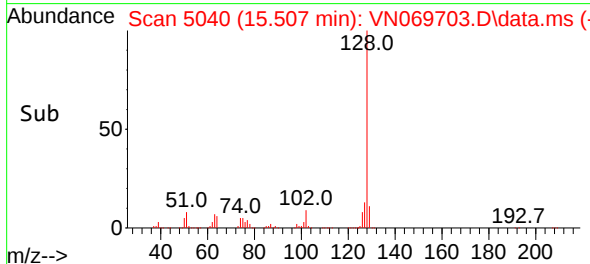
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 1734728
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#96
1,2,3-Trichlorobenzene
Concen: 62.544 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069703.D
Acq: 2 Dec 2021 18:55

Tgt Ion:180 Resp: 596267
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 32.3 15.0 45.1

