

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069541.D
 Acq On : 17 Nov 2021 20:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 07:12:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1014881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1708489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1638044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	729659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	796148	54.104	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.200%			
35) Dibromofluoromethane	8.024	113	561561	54.804	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.600%			
50) Toluene-d8	10.443	98	2165860	53.743	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.480%			
62) 4-Bromofluorobenzene	12.731	95	821132	55.464	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	511632	47.188	ug/l	99
3) Chloromethane	2.301	50	584832	46.510	ug/l	99
4) Vinyl Chloride	2.443	62	586680	46.597	ug/l	99
5) Bromomethane	2.832	94	439324	53.727	ug/l	99
6) Chloroethane	3.006	64	396516	46.658	ug/l	95
7) Trichlorofluoromethane	3.368	101	880945	45.272	ug/l	96
8) Diethyl Ether	3.821	74	321390	51.049	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.202	101	461508	50.349	ug/l	95
10) Methyl Iodide	4.414	142	593235	52.767	ug/l	97
11) Tert butyl alcohol	5.388	59	718541	270.982	ug/l	99
12) 1,1-Dichloroethene	4.173	96	406795	49.455	ug/l	91
13) Acrolein	4.036	56	104085	277.935	ug/l	97
14) Allyl chloride	4.835	41	936386	51.489	ug/l	93
15) Acrylonitrile	5.556	53	2006486	295.490	ug/l	100
16) Acetone	4.291	43	1932374	243.387	ug/l	97
17) Carbon Disulfide	4.524	76	748415	38.492	ug/l	99
18) Methyl Acetate	4.856	43	1426279	55.263	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	1901840	54.633	ug/l	98
20) Methylene Chloride	5.095	84	565380	50.218	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	460204	50.091	ug/l	90
22) Diisopropyl ether	6.498	45	2137839	54.572	ug/l	94
23) Vinyl Acetate	6.436	43	8460635	279.237	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1052941	52.770	ug/l	99
25) 2-Butanone	7.337	43	3031902	282.018	ug/l	92
26) 2,2-Dichloropropane	7.324	77	750171	48.052	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	611585	53.699	ug/l	89
28) Bromochloromethane	7.659	49	529147	51.784	ug/l #	81
29) Tetrahydrofuran	7.686	42	1955253	296.364	ug/l	90
30) Chloroform	7.820	83	1099914	53.770	ug/l	100
31) Cyclohexane	8.096	56	913891	45.459	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	902336	52.846	ug/l	95
36) 1,1-Dichloropropene	8.220	75	734017	51.059	ug/l	97
37) Ethyl Acetate	7.415	43	1172149	60.317	ug/l	95
38) Carbon Tetrachloride	8.206	117	726733	52.362	ug/l	100
39) Methylcyclohexane	9.461	83	874447	48.897	ug/l	92
40) Benzene	8.461	78	2360819	53.204	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	579884	57.750	ug/l	90
42) 1,2-Dichloroethane	8.531	62	953009	54.850	ug/l	97
43) Isopropyl Acetate	8.563	43	1791785	57.404	ug/l	94
44) Trichloroethene	9.217	130	550116	51.801	ug/l	89
45) 1,2-Dichloropropane	9.491	63	662227	55.859	ug/l	100
46) Dibromomethane	9.579	93	429965	54.147	ug/l	93
47) Bromodichloromethane	9.765	83	823765	55.592	ug/l	99
48) Methyl methacrylate	9.561	41	827544	56.352	ug/l	92
49) 1,4-Dioxane	9.571	88	303948	1042.652	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	6207723	308.112	ug/l	96
52) Toluene	10.507	92	1483301	53.657	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	853728	47.025	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	935739	48.783	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	640689	57.495	ug/l	98
56) Ethyl methacrylate	10.762	69	1081994	51.461	ug/l	87
57) 1,3-Dichloropropane	11.046	76	1096959	56.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	1344519	249.089	ug/l	93
59) 2-Hexanone	11.087	43	4538025	266.231	ug/l	94
60) Dibromochloromethane	11.240	129	595472	48.750	ug/l	99
61) 1,2-Dibromoethane	11.347	107	645879	51.887	ug/l	99
64) Tetrachloroethene	10.979	164	507667	51.328	ug/l	96
65) Chlorobenzene	11.771	112	1624878	53.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	595784	56.336	ug/l	99
67) Ethyl Benzene	11.846	91	2985810	53.097	ug/l	97
68) m/p-Xylenes	11.953	106	2221983	107.438	ug/l	95
69) o-Xylene	12.283	106	1124091	54.519	ug/l	95
70) Styrene	12.294	104	1847102	49.899	ug/l	97
71) Bromoform	12.460	173	423575	46.393	ug/l #	99
73) Isopropylbenzene	12.581	105	2977438	51.250	ug/l	99
74) N-amyl acetate	12.390	43	1386962	56.333	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1062292	54.215	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	1001971m	59.504	ug/l	
77) Bromobenzene	12.862	156	693436	52.190	ug/l	80
78) n-propylbenzene	12.921	91	3370747	51.563	ug/l	96
79) 2-Chlorotoluene	13.010	91	2087176	51.566	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2433868	51.822	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	251997	45.178	ug/l	89
82) 4-Chlorotoluene	13.106	91	1982801	51.388	ug/l	94
83) tert-Butylbenzene	13.323	119	2184467	53.076	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2385695	52.617	ug/l	98
85) sec-Butylbenzene	13.503	105	3046398	52.987	ug/l	98
86) p-Isopropyltoluene	13.616	119	2410658	52.818	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1214015	52.702	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1165439	51.572	ug/l	98
89) n-Butylbenzene	13.943	91	1977725	51.963	ug/l	98
90) Hexachloroethane	14.211	117	397900	47.542	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1181426	53.898	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	183811	50.440	ug/l	82
93) 1,2,4-Trichlorobenzene	15.265	180	531612	46.518	ug/l	98
94) Hexachlorobutadiene	15.370	225	322700	56.659	ug/l	99
95) Naphthalene	15.507	128	1495288	46.505	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	528831	48.269	ug/l	98

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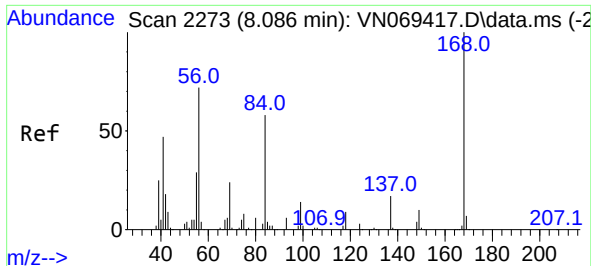
Manual Integrations
APPROVED

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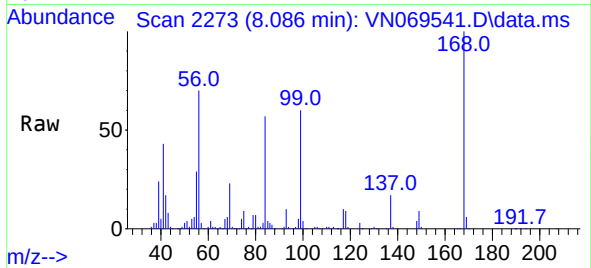
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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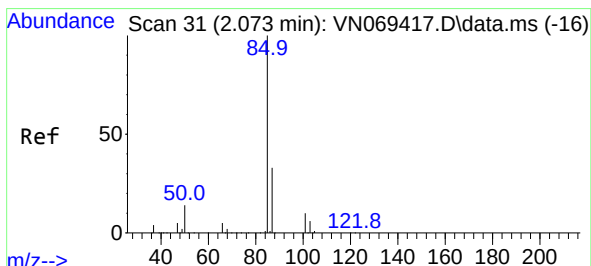
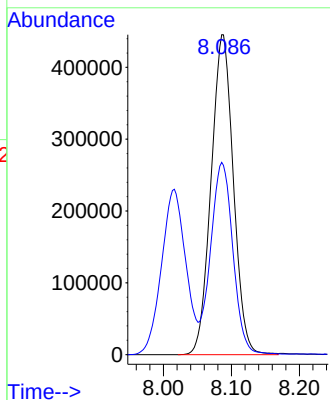
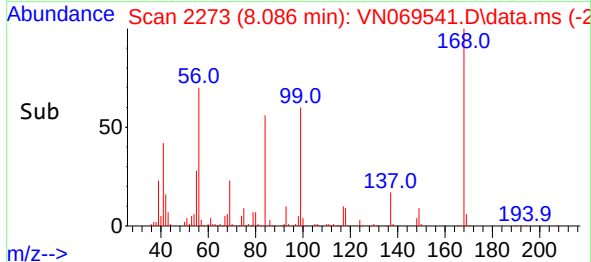
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 101488
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9

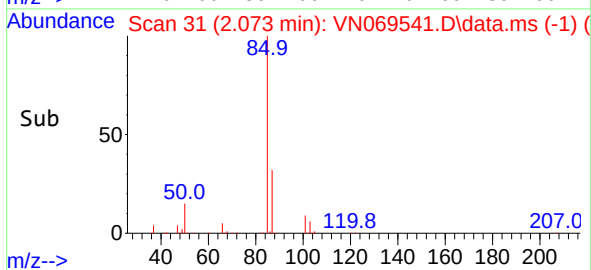
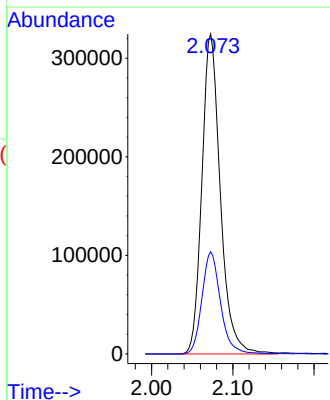
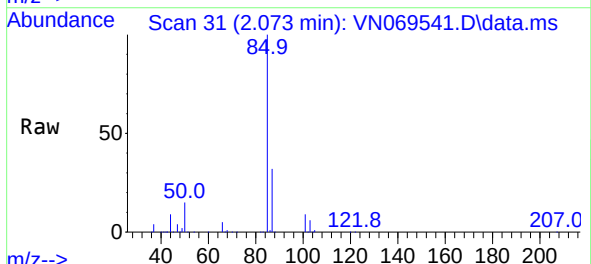
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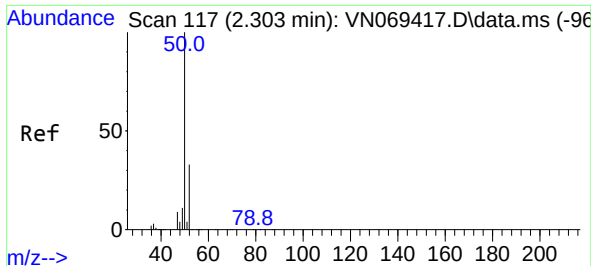
Reviewed By :John Carlone 11/18/2021
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#2
Dichlorodifluoromethane
Concen: 47.188 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

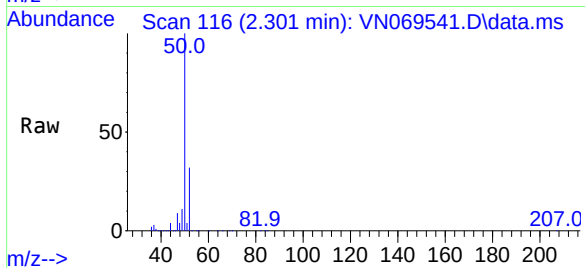
Tgt Ion: 85 Resp: 511632
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 46.510 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

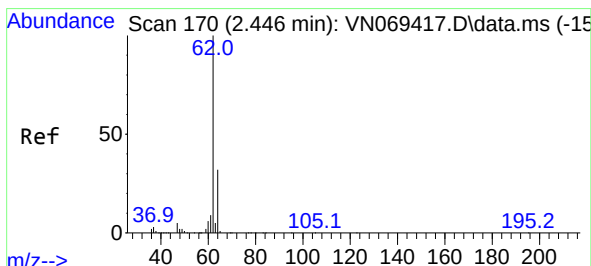
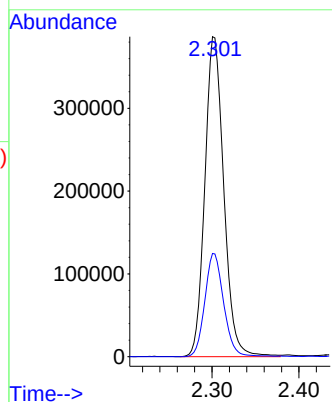
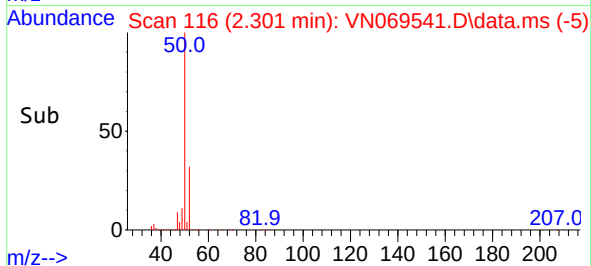
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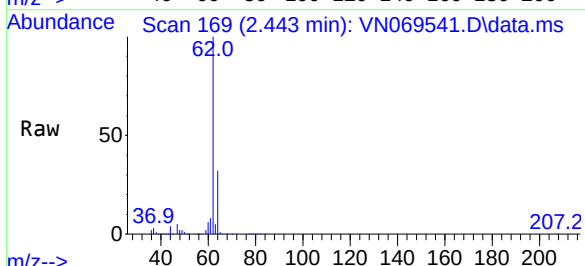
Tgt Ion: 50 Resp: 58483
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

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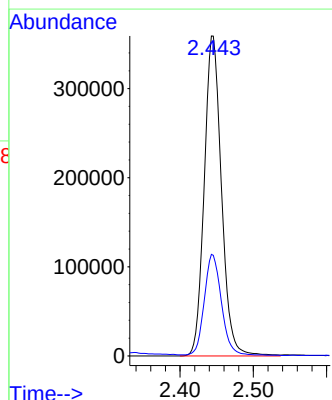
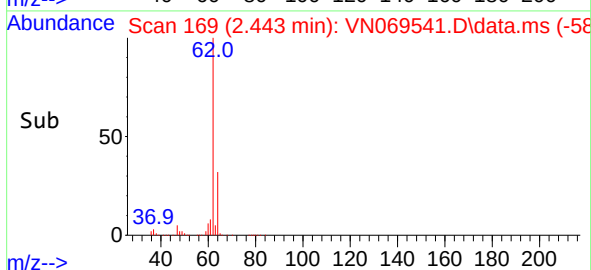
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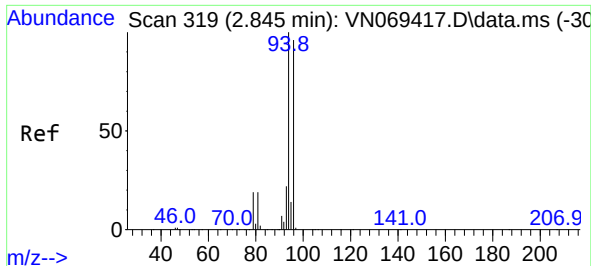


#4
Vinyl Chloride
Concen: 46.597 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



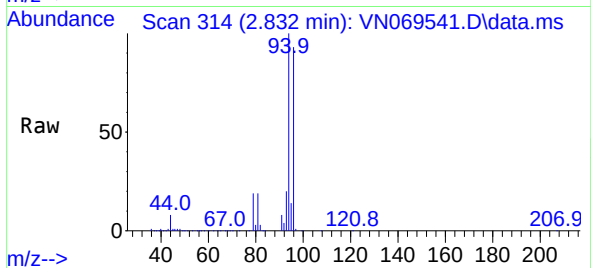
Tgt Ion: 62 Resp: 586680
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 53.727 ug/l
RT: 2.832 min Scan# 319
Delta R.T. -0.013 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

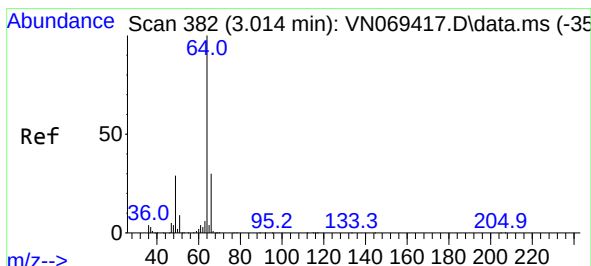
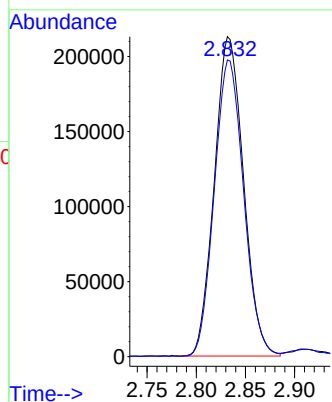
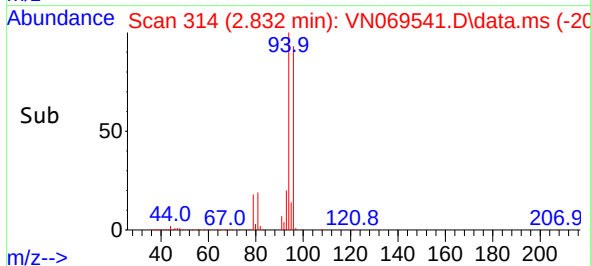
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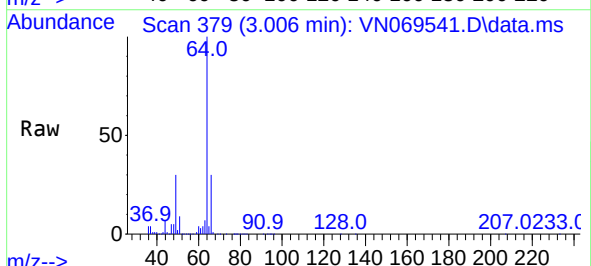
Tgt Ion: 94 Resp: 439324
Ion Ratio Lower Upper
94 100
96 92.9 73.8 110.8

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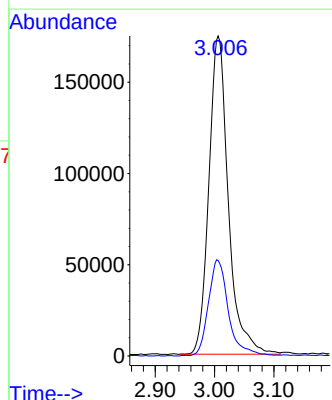
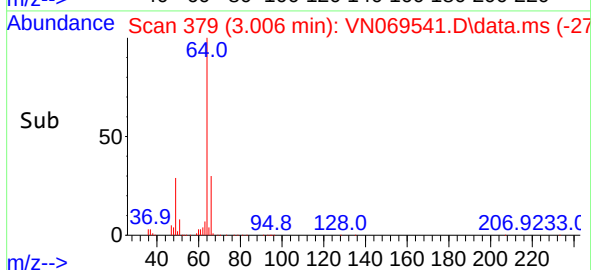
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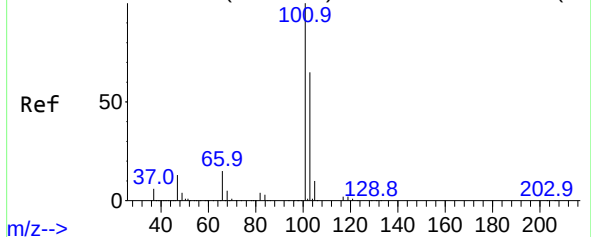
#6
Chloroethane
Concen: 46.658 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.008 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



Tgt Ion: 64 Resp: 396516
Ion Ratio Lower Upper
64 100
66 30.0 26.3 39.5



Abundance Scan 515 (3.371 min): VN069417.D\data.ms (-48



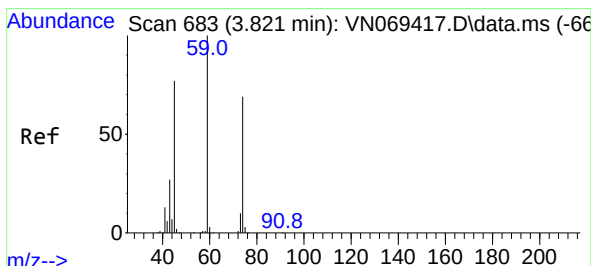
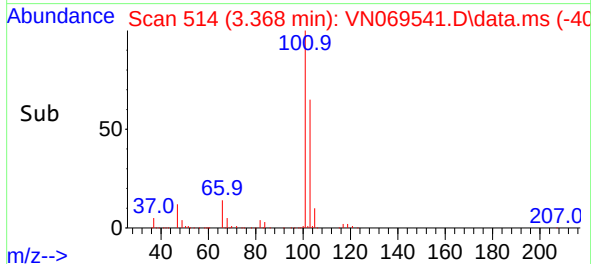
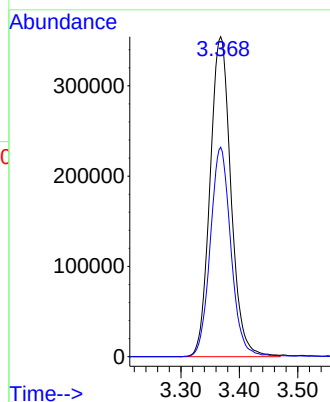
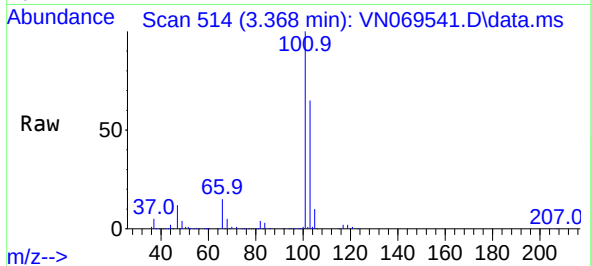
#7
Trichlorofluoromethane
Concen: 45.272 ug/l
RT: 3.368 min Scan# 515
Delta R.T. -0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

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Tgt Ion:101 Resp: 88094
Ion Ratio Lower Upper
101 100
103 65.4 50.1 75.1

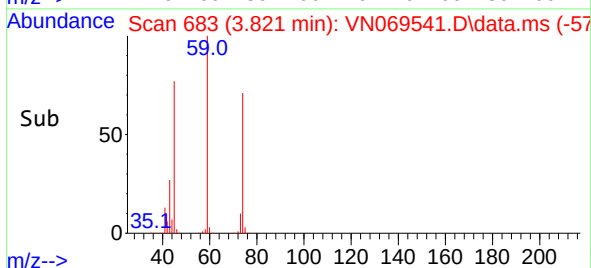
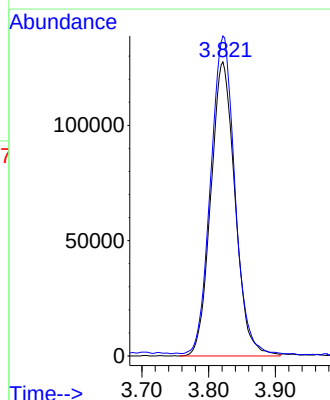
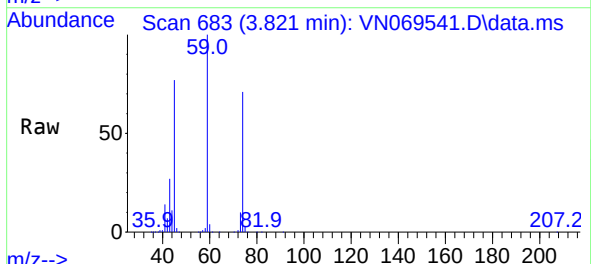
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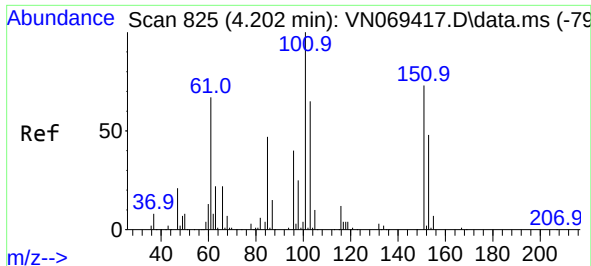
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#8
Diethyl Ether
Concen: 51.049 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Tgt Ion: 74 Resp: 321390
Ion Ratio Lower Upper
74 100
45 107.3 47.0 141.2





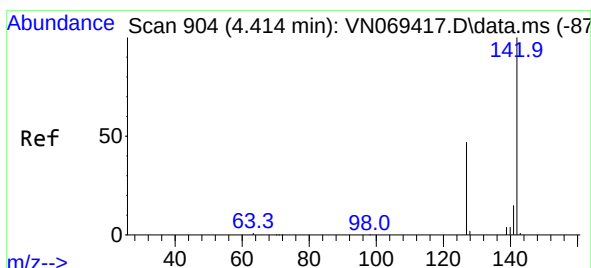
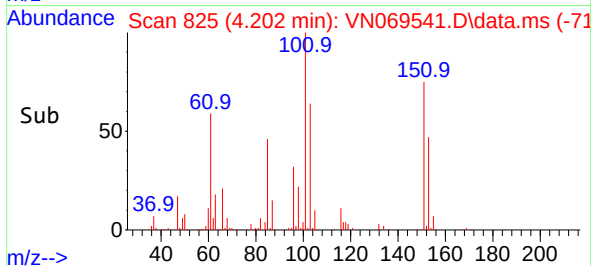
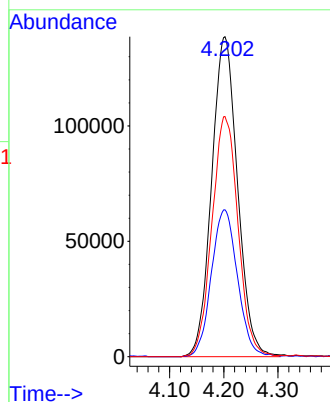
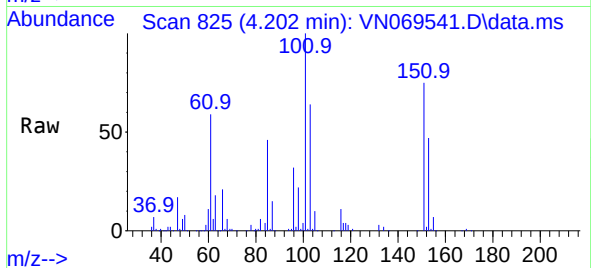
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.349 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 461508
Ion Ratio Lower Upper
101 100
85 46.1 37.2 55.8
151 75.6 65.9 98.9

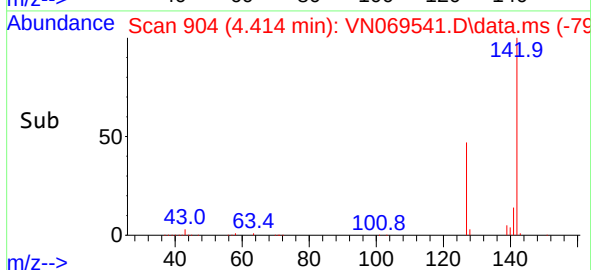
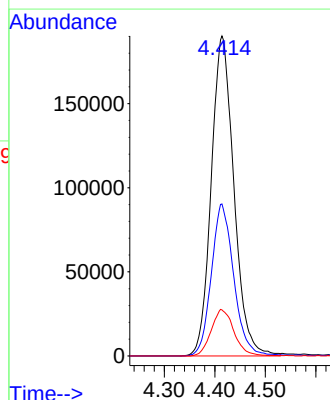
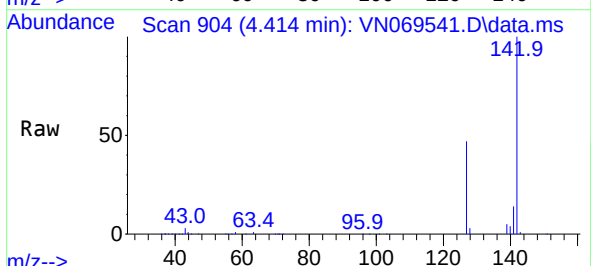
Manual Integrations
APPROVED

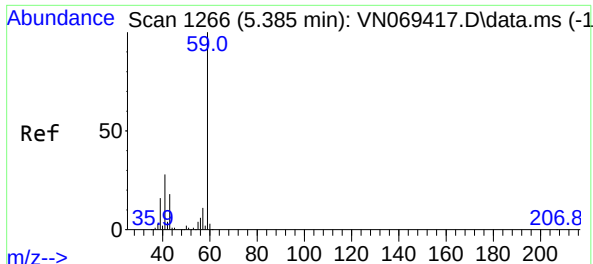
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 52.767 ug/l
RT: 4.414 min Scan# 904
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

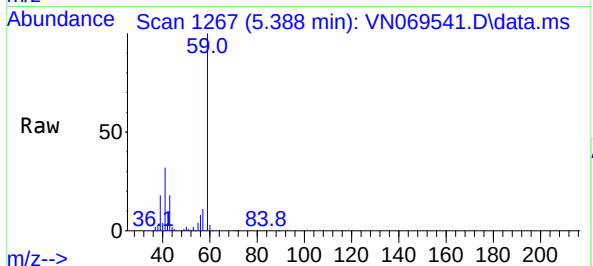
Tgt Ion:142 Resp: 593235
Ion Ratio Lower Upper
142 100
127 47.0 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 270.982 ug/l
RT: 5.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

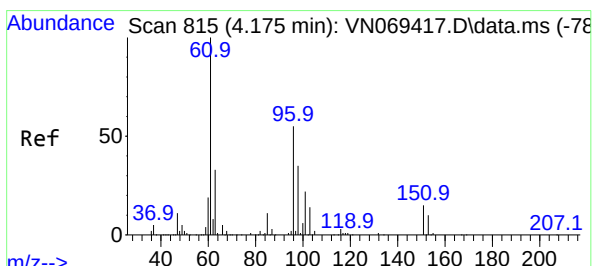
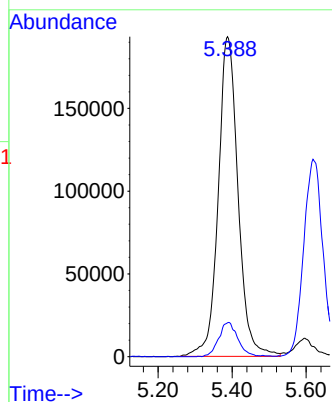
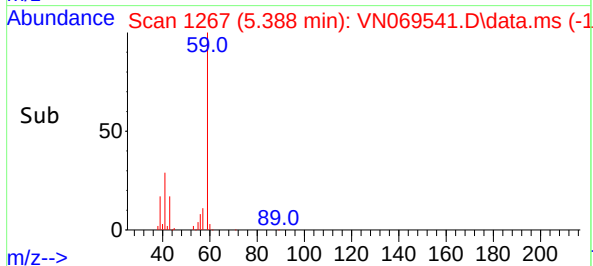
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 71854
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

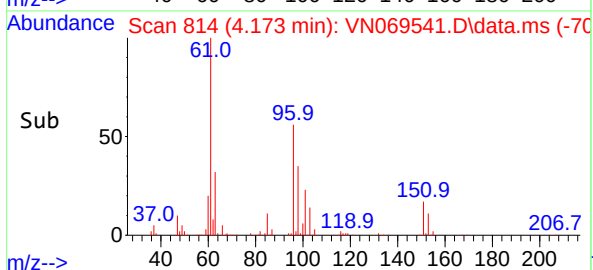
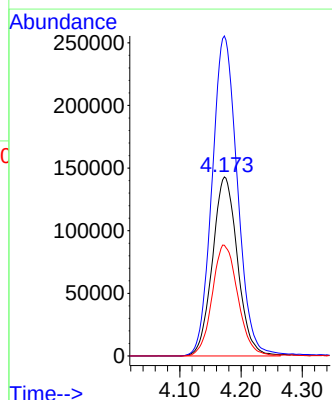
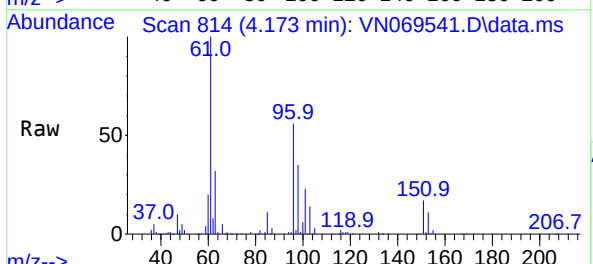
Manual Integrations
APPROVED

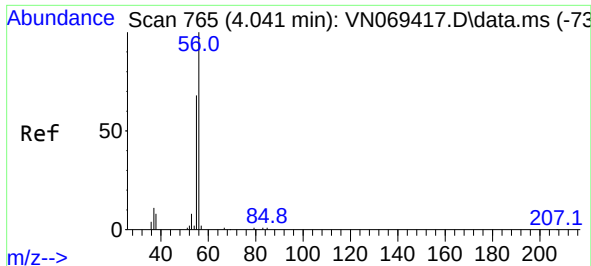
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 49.455 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

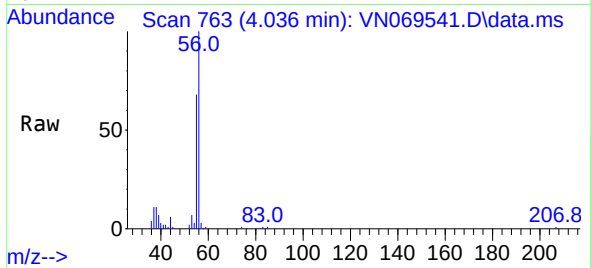
Tgt Ion: 96 Resp: 406795
Ion Ratio Lower Upper
96 100
61 178.8 131.0 196.6
98 61.8 52.4 78.6





#13
Acrolein
Concen: 277.935 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

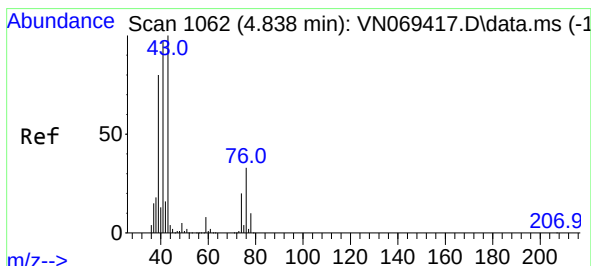
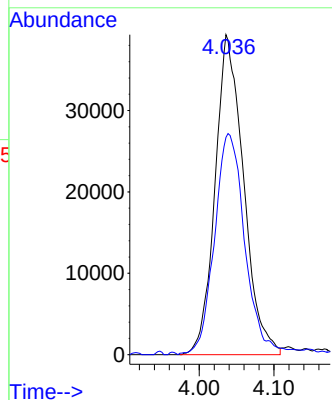
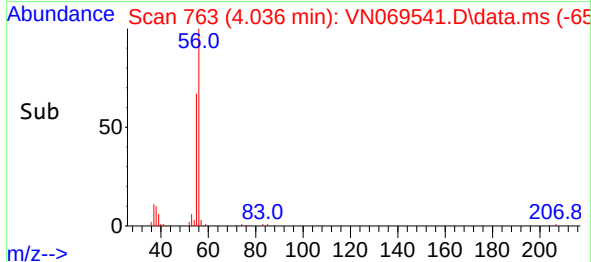
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



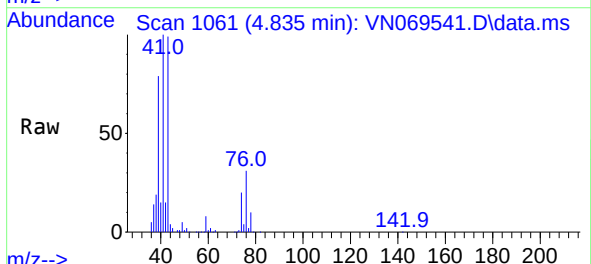
Tgt Ion: 56 Resp: 104085
Ion Ratio Lower Upper
56 100
55 73.5 56.6 85.0

Manual Integrations
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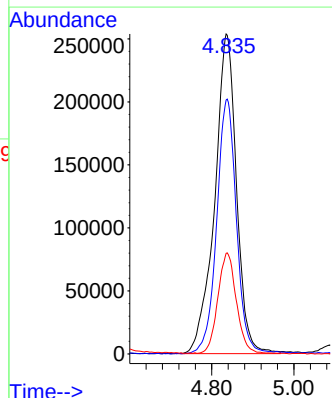
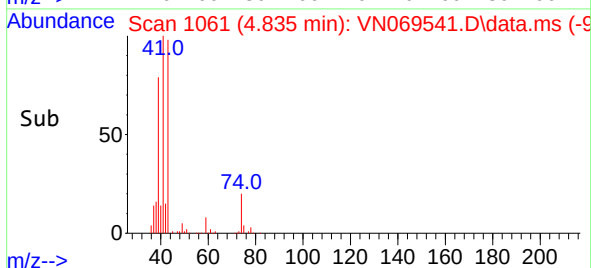
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

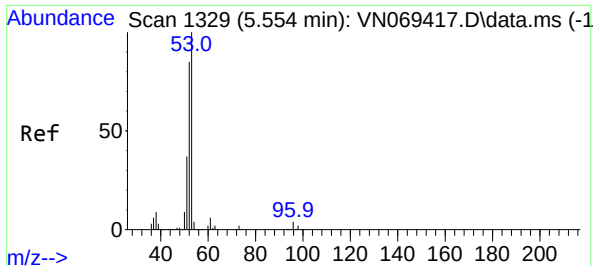


#14
Allyl chloride
Concen: 51.489 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



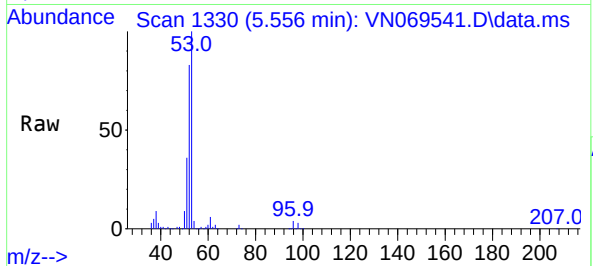
Tgt Ion: 41 Resp: 936386
Ion Ratio Lower Upper
41 100
39 72.0 61.2 91.8
76 26.4 26.0 39.0





#15
Acrylonitrile
Concen: 295.490 ug/l
RT: 5.556 min Scan# 1329
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

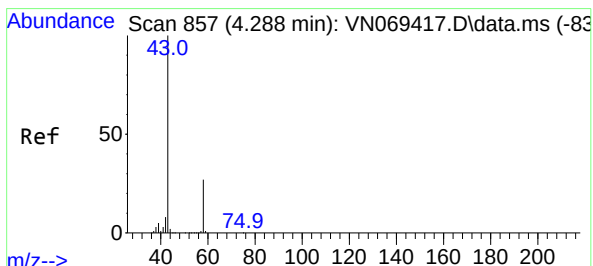
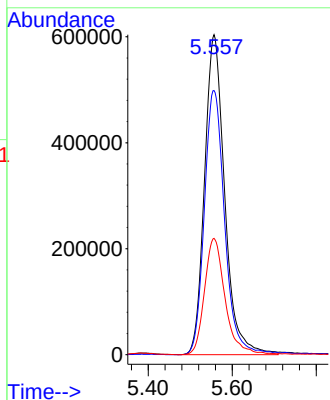
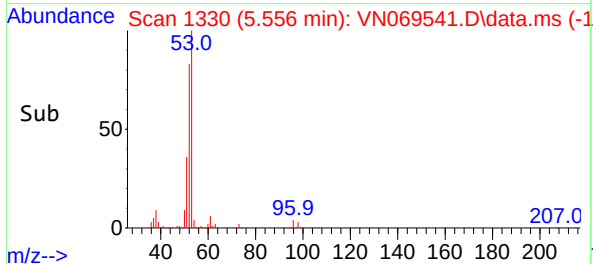
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 2006480
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 36.9 29.6 44.4

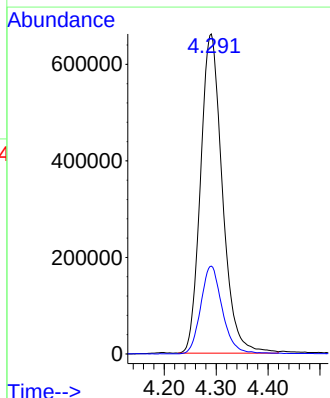
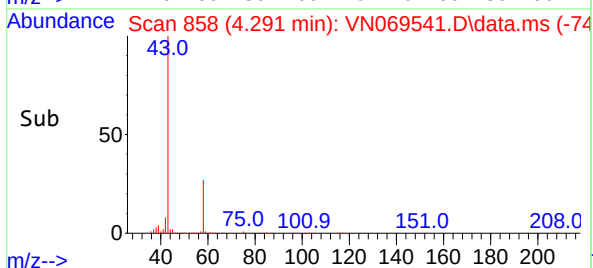
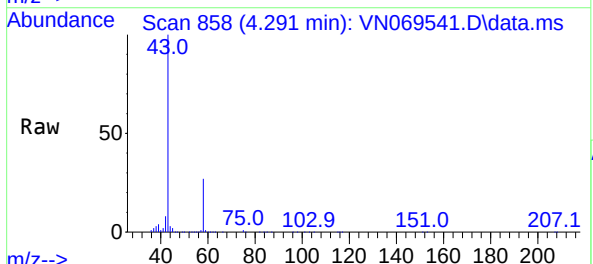
Manual Integrations
APPROVED

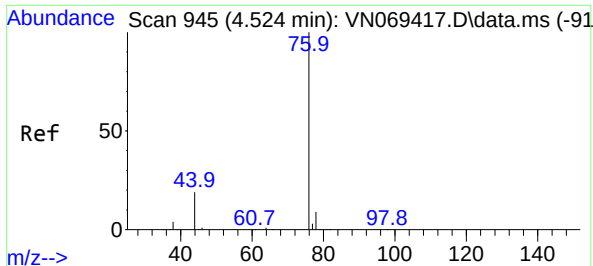
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 243.387 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

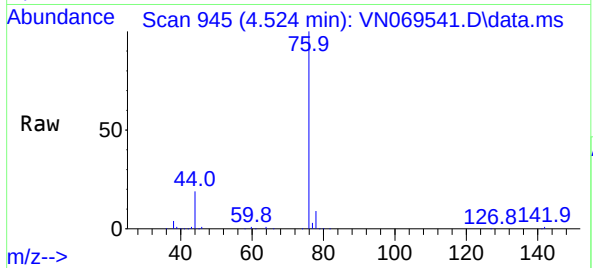
Tgt Ion: 43 Resp: 1932374
Ion Ratio Lower Upper
43 100
58 27.5 23.1 34.7





#17
Carbon Disulfide
Concen: 38.492 ug/l
RT: 4.524 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

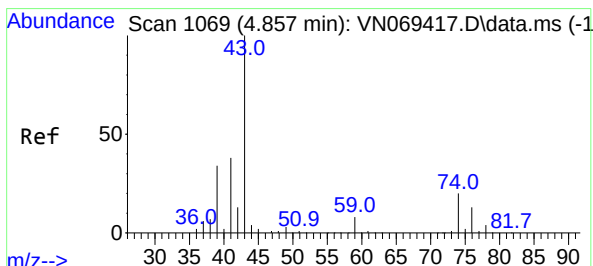
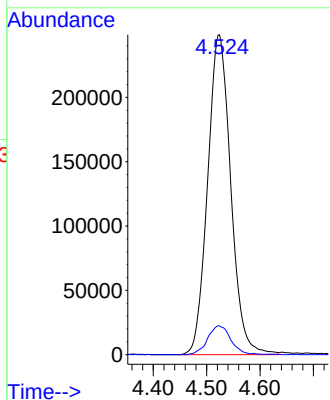
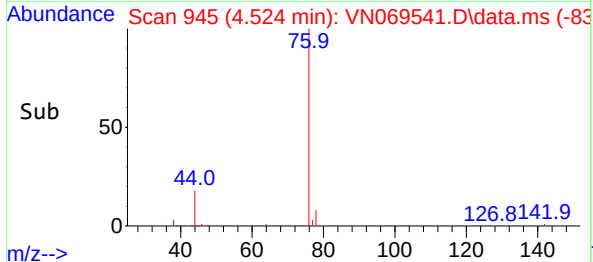
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



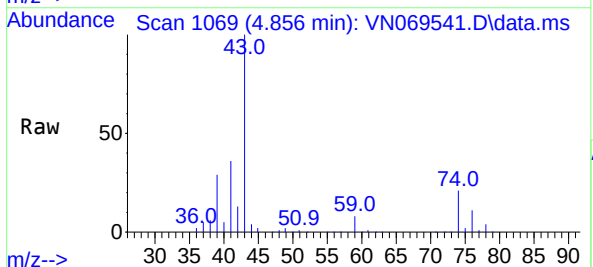
Tgt Ion: 76 Resp: 748415
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
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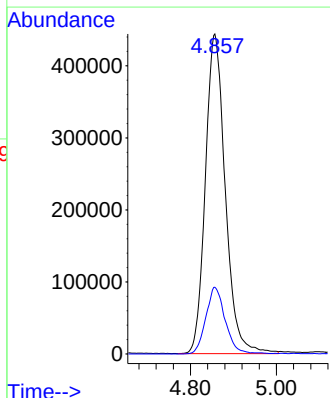
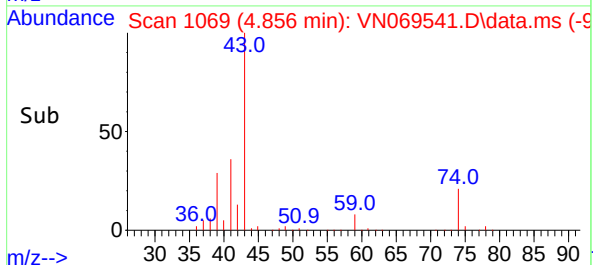
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

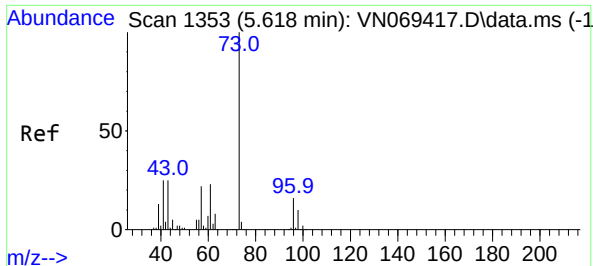


#18
Methyl Acetate
Concen: 55.263 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



Tgt Ion: 43 Resp: 1426279
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





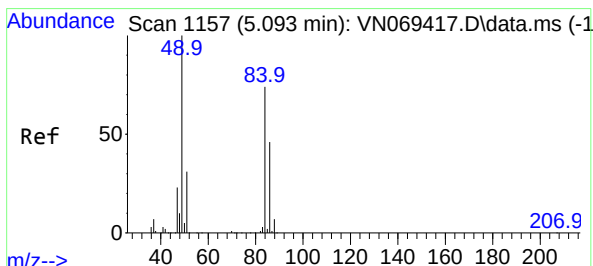
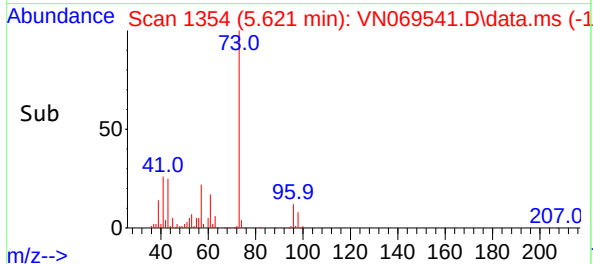
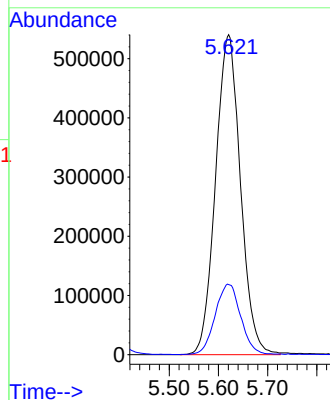
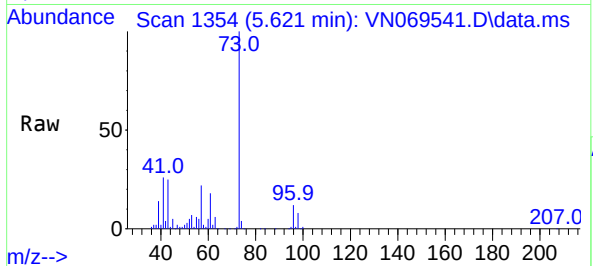
#19
Methyl tert-butyl Ether
Concen: 54.633 ug/l
RT: 5.621 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 1901840
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2

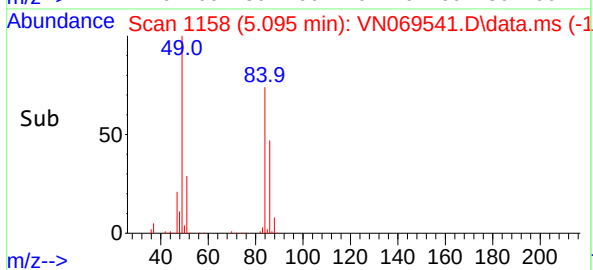
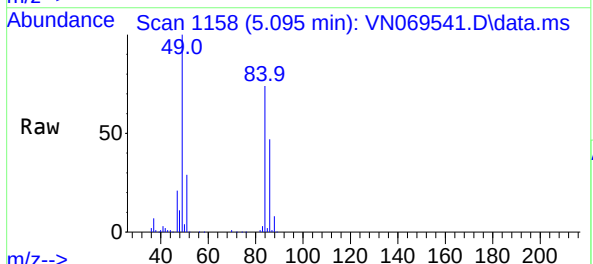
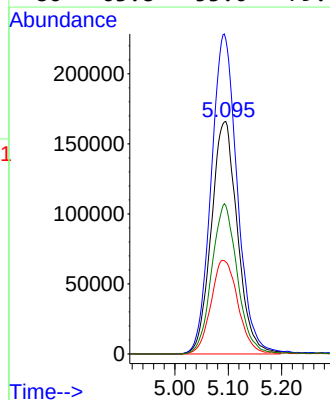
Manual Integrations
APPROVED

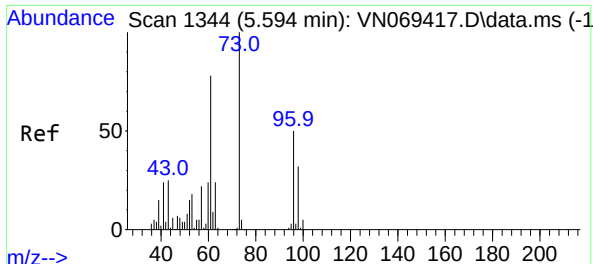
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 50.218 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

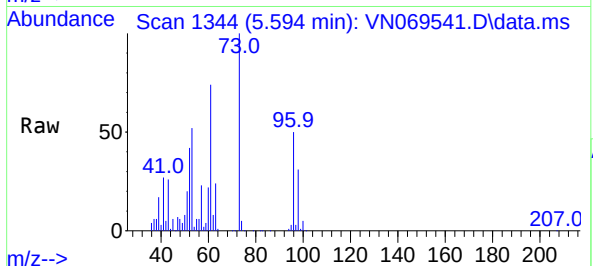
Tgt Ion: 84 Resp: 565380
Ion Ratio Lower Upper
84 100
49 135.3 93.5 140.3
51 39.6 29.4 44.2
86 63.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 50.091 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

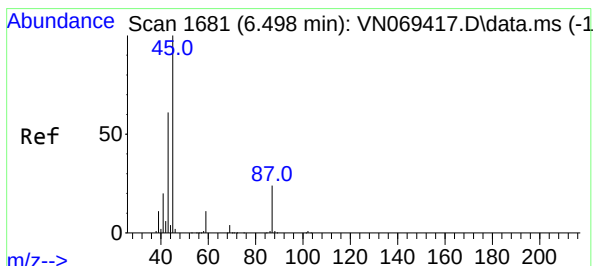
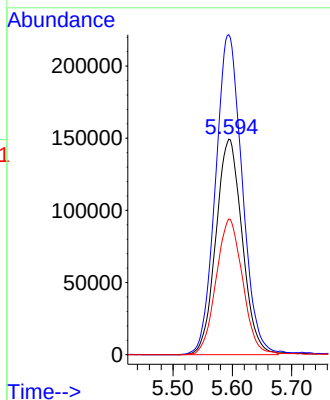
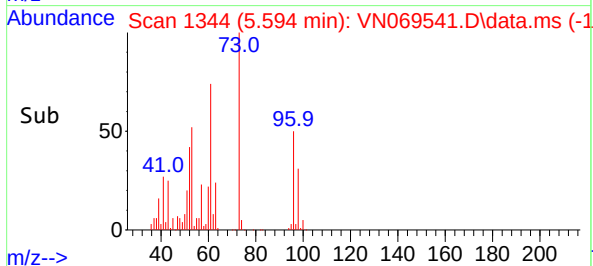
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



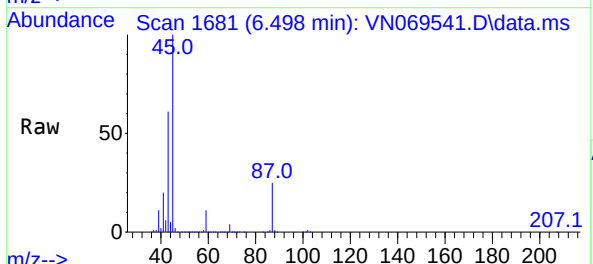
Tgt Ion: 96 Resp: 460204
Ion Ratio Lower Upper
96 100
61 148.5 105.8 158.6
98 63.0 52.0 78.0

Manual Integrations
APPROVED

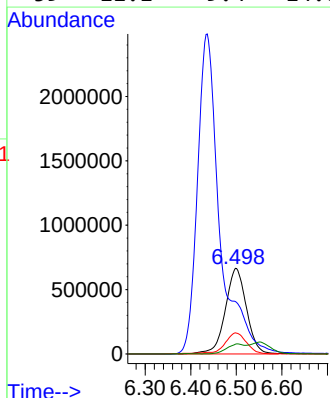
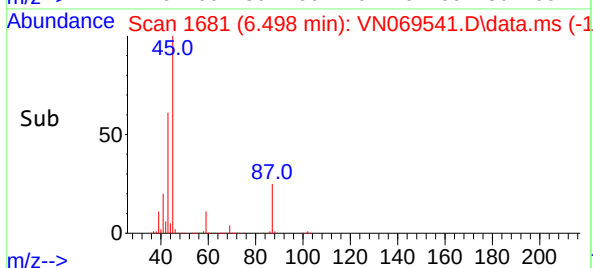
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

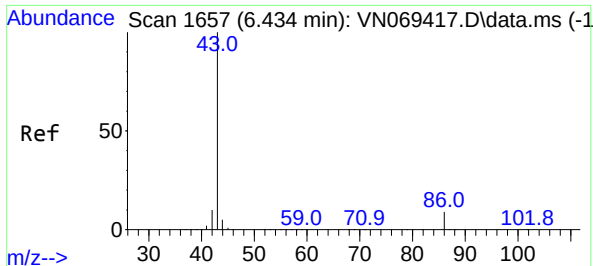


#22
Diisopropyl ether
Concen: 54.572 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



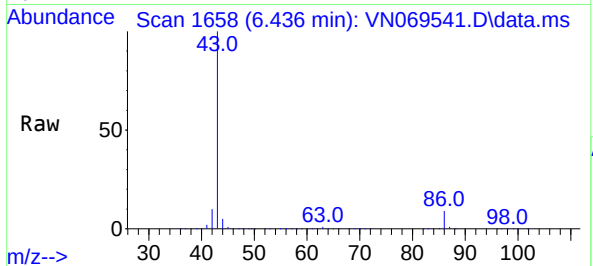
Tgt Ion: 45 Resp: 2137839
Ion Ratio Lower Upper
45 100
43 60.3 51.7 77.5
87 24.5 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 279.237 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.002 min
 Lab File: VN069541.D
 Acq: 17 Nov 2021 20:01

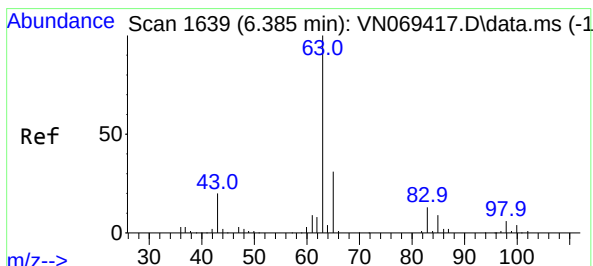
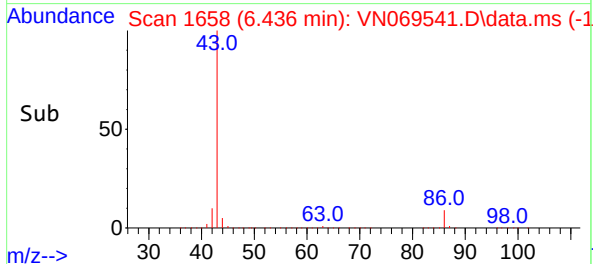
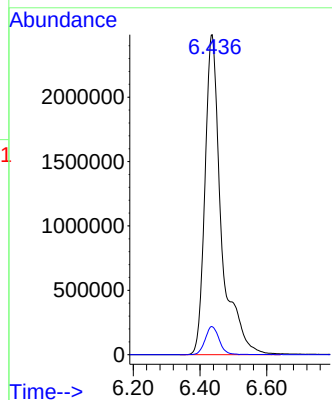
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 846063
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

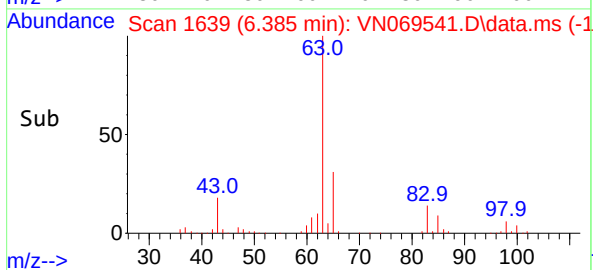
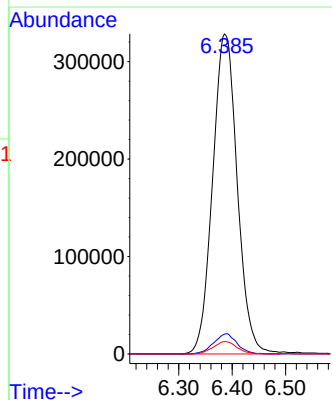
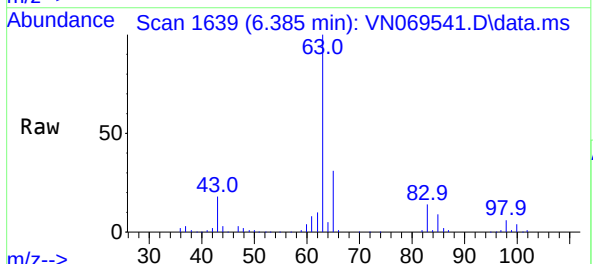
Manual Integrations
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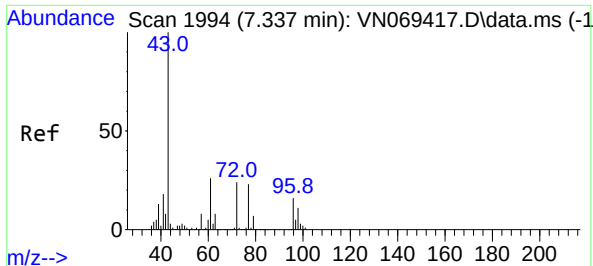
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 52.770 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069541.D
 Acq: 17 Nov 2021 20:01

Tgt Ion: 63 Resp: 1052941
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 282.018 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069541.D

Acq: 17 Nov 2021 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 303190

Ion Ratio Lower Upper

43 100

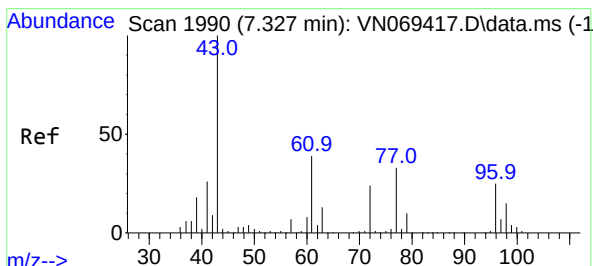
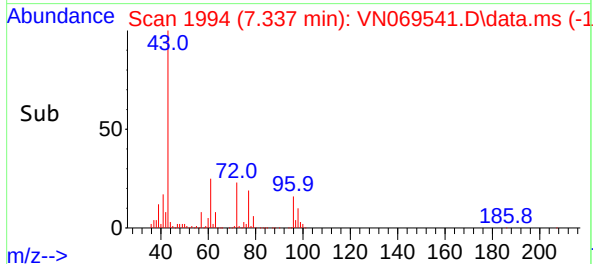
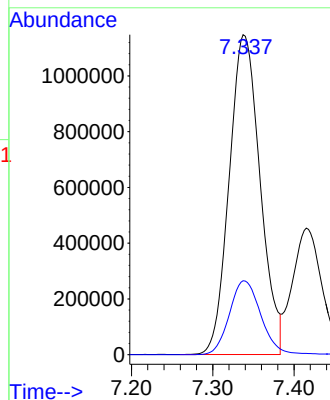
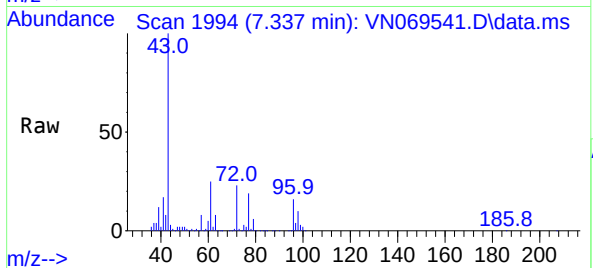
72 23.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#26

2,2-Dichloropropane

Concen: 48.052 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069541.D

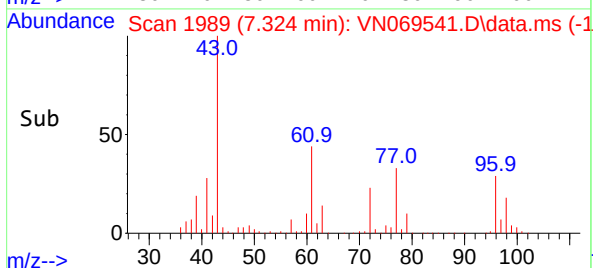
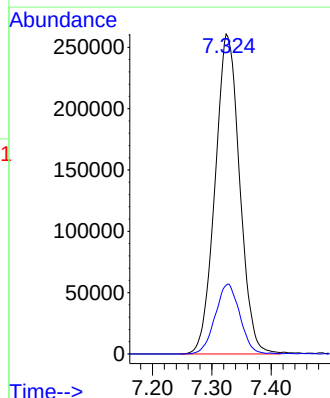
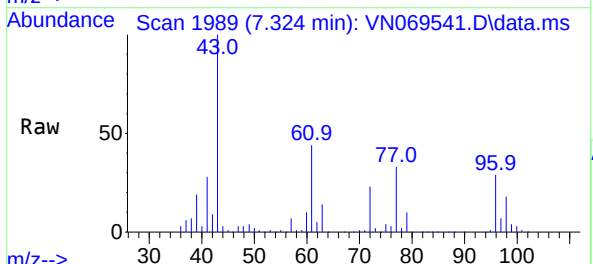
Acq: 17 Nov 2021 20:01

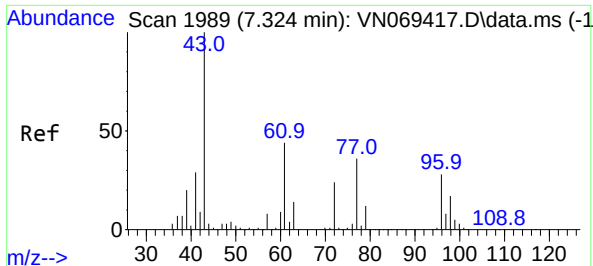
Tgt Ion: 77 Resp: 750171

Ion Ratio Lower Upper

77 100

97 21.8 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 53.699 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Instrument :

MSVOA_N

ClientSampleId :

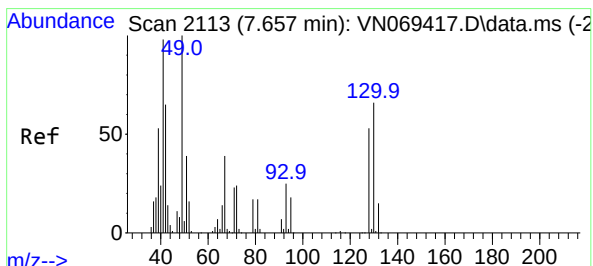
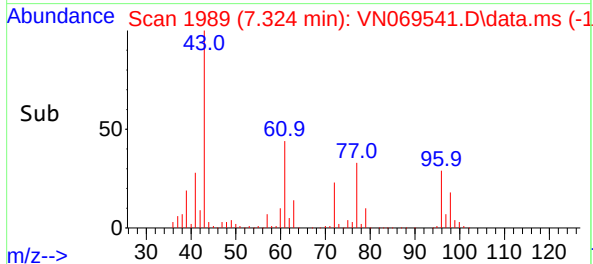
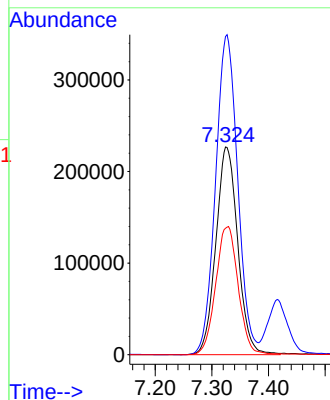
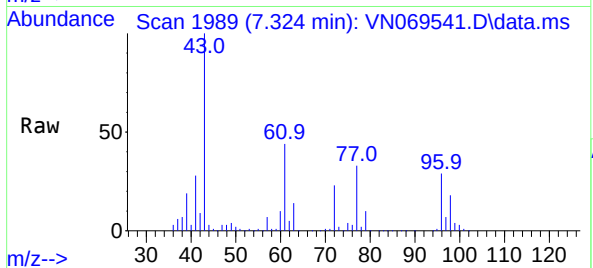
VSTDCCC050EC

Tgt Ion: 96 Resp: 61158
Ion Ratio Lower Upper
96 100
61 155.6 0.0 275.0
98 63.5 0.0 129.6

Manual Integrations

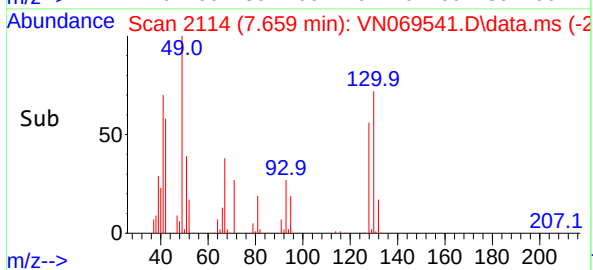
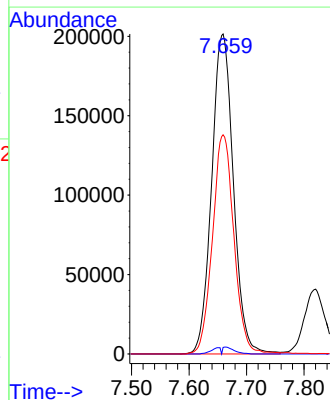
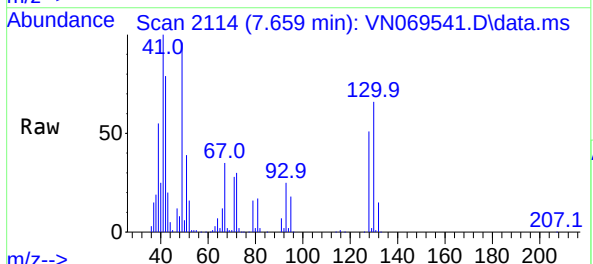
APPROVED

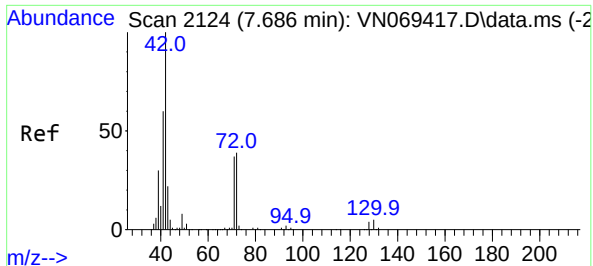
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 51.784 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

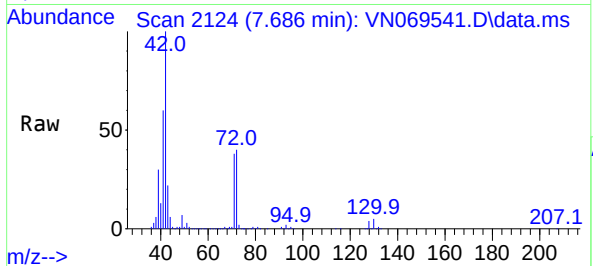
Tgt Ion: 49 Resp: 529147
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 67.2 67.8 101.8#





#29
Tetrahydrofuran
Concen: 296.364 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

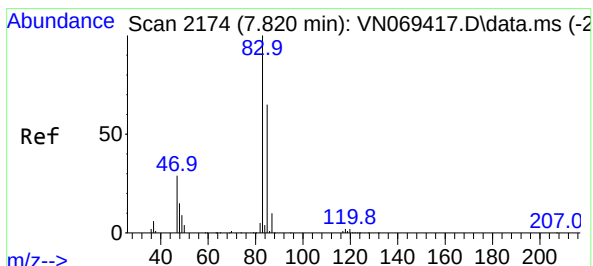
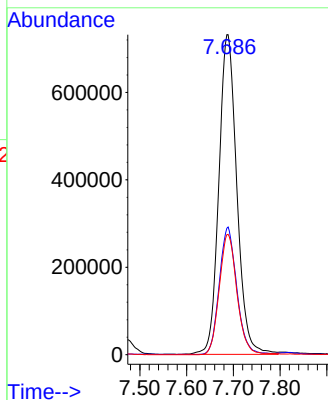
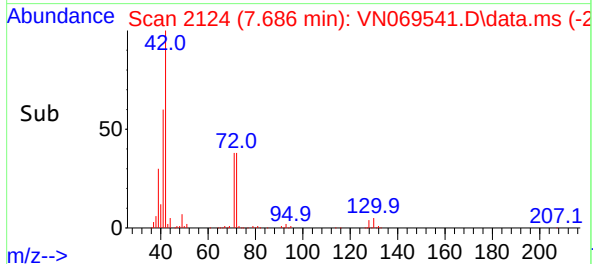
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



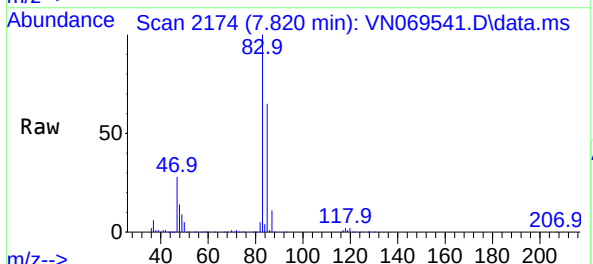
Tgt Ion: 42 Resp: 195525
Ion Ratio Lower Upper
42 100
72 38.8 36.3 54.5
71 36.9 34.7 52.1

Manual Integrations
APPROVED

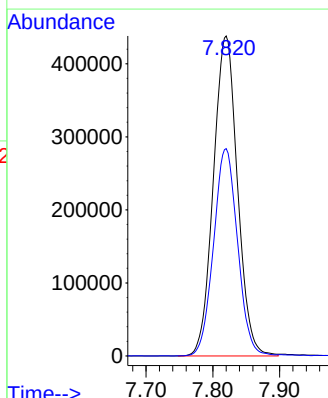
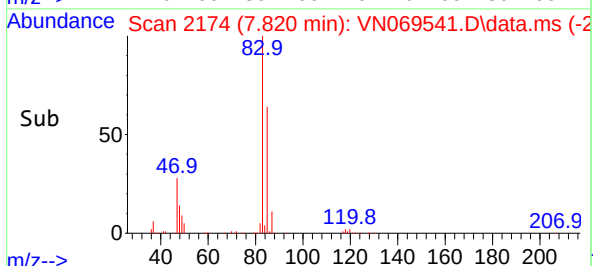
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

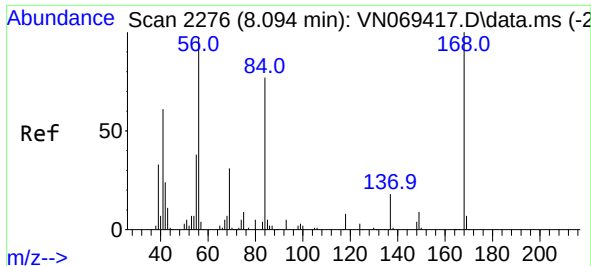


#30
Chloroform
Concen: 53.770 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



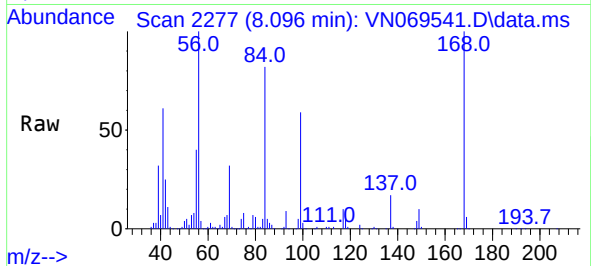
Tgt Ion: 83 Resp: 1099914
Ion Ratio Lower Upper
83 100
85 64.8 51.9 77.9





#31
Cyclohexane
Concen: 45.459 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

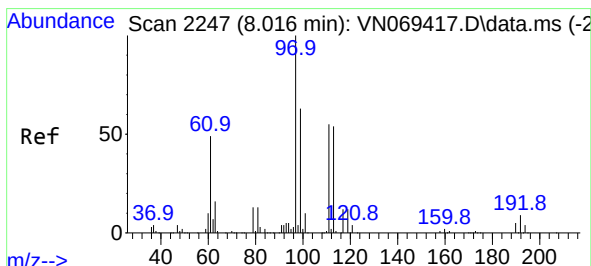
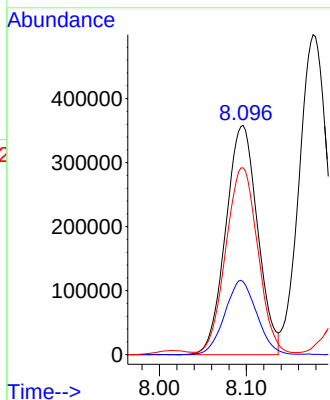
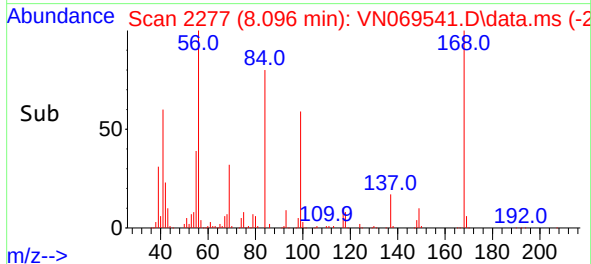
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



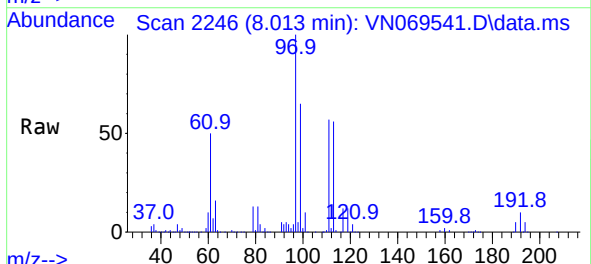
Tgt Ion: 56 Resp: 91389
Ion Ratio Lower Upper
56 100
69 31.8 27.1 40.7
84 79.8 73.4 110.0

Manual Integrations
APPROVED

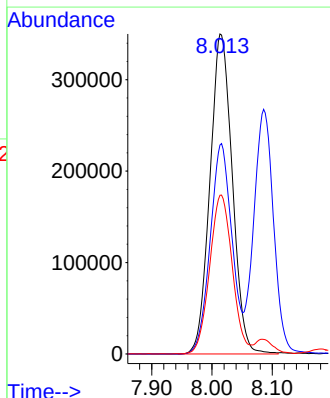
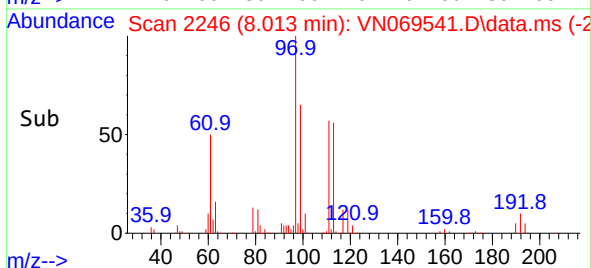
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

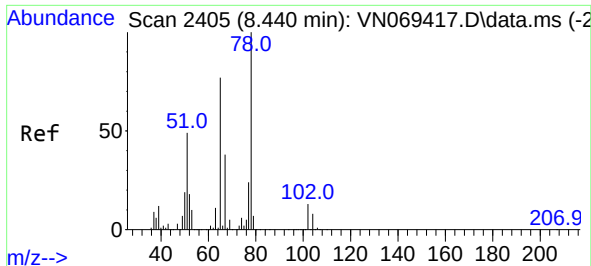


#32
1,1,1-Trichloroethane
Concen: 52.846 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



Tgt Ion: 97 Resp: 902336
Ion Ratio Lower Upper
97 100
99 63.7 50.1 75.1
61 50.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 54.104 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069541.D

Acq: 17 Nov 2021 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 796148

Ion Ratio Lower Upper

65 100

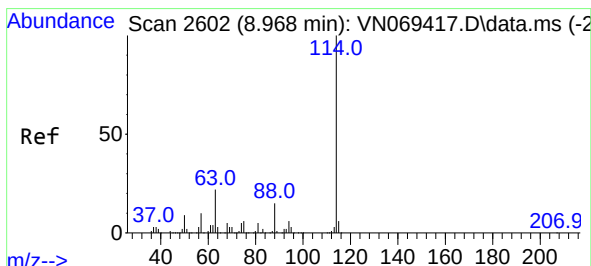
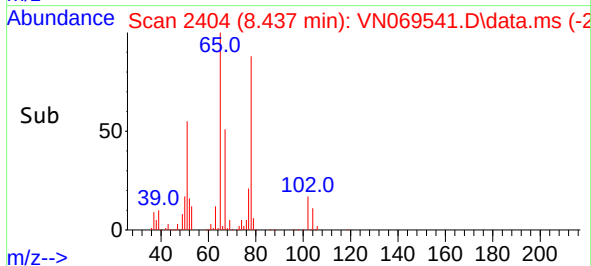
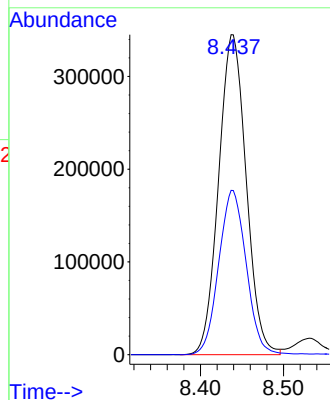
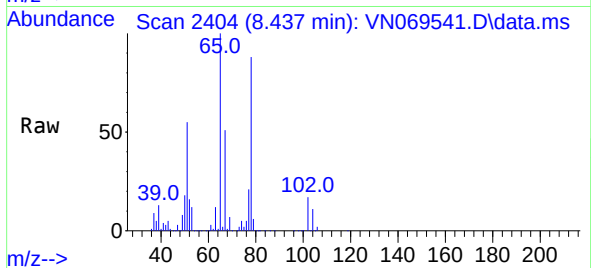
67 51.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069541.D

Acq: 17 Nov 2021 20:01

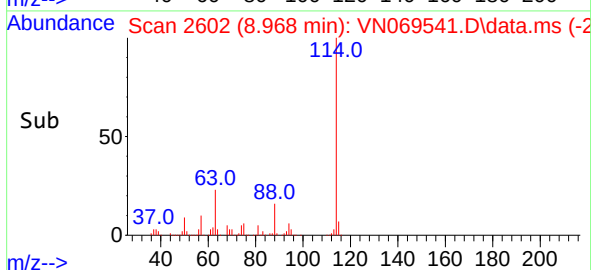
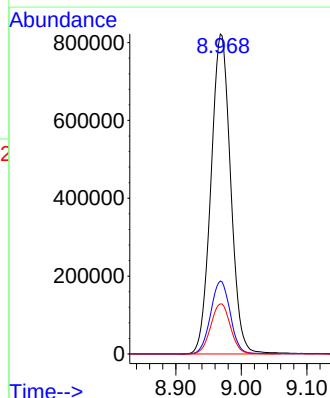
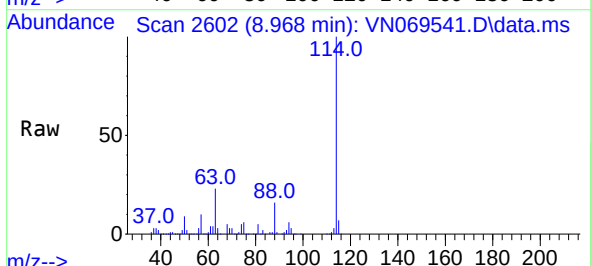
Tgt Ion:114 Resp: 1708489

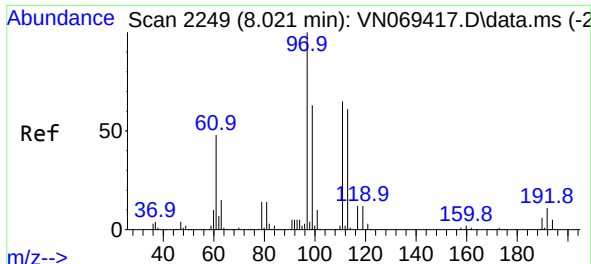
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

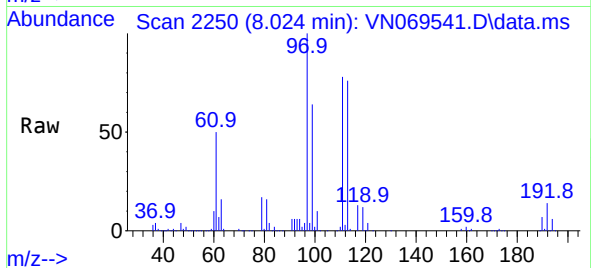
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.804 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

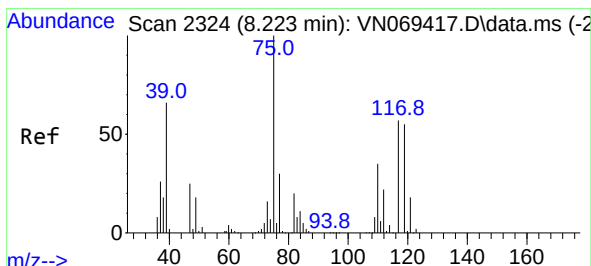
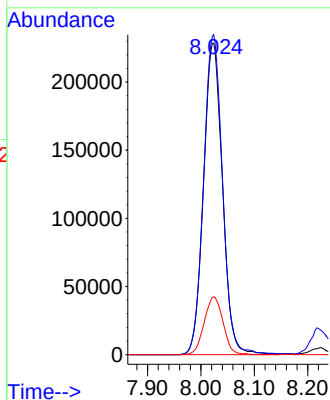
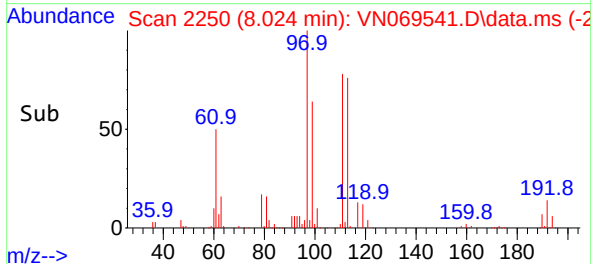
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



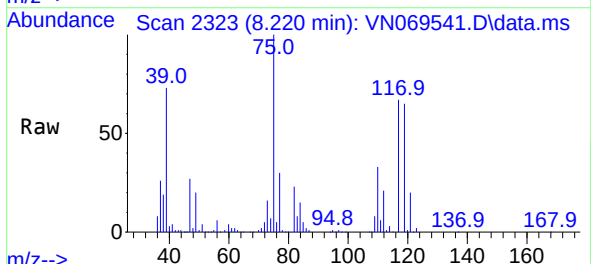
Tgt Ion: 113 Resp: 56156
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.5 16.9 25.3

Manual Integrations
APPROVED

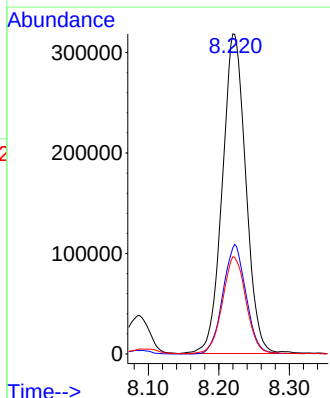
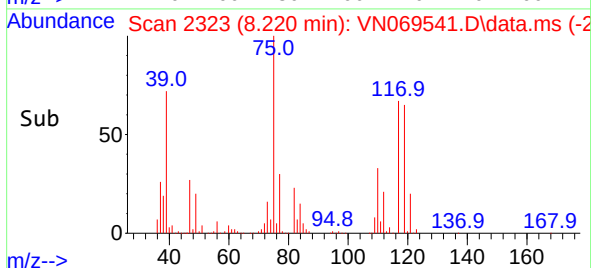
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

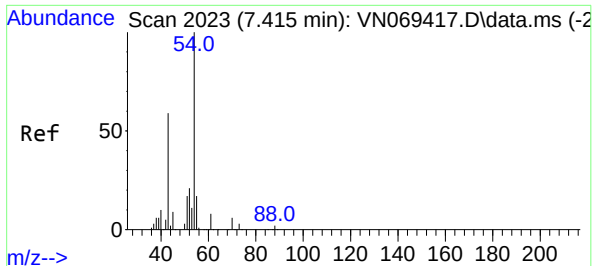


#36
1,1-Dichloropropene
Concen: 51.059 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



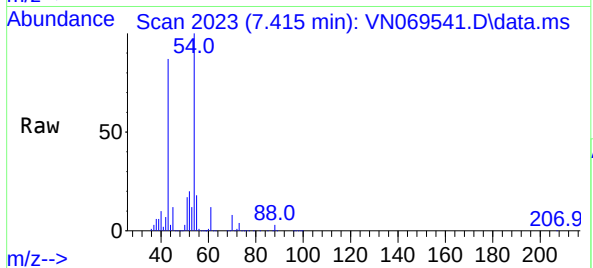
Tgt Ion: 75 Resp: 734017
Ion Ratio Lower Upper
75 100
110 33.8 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 60.317 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

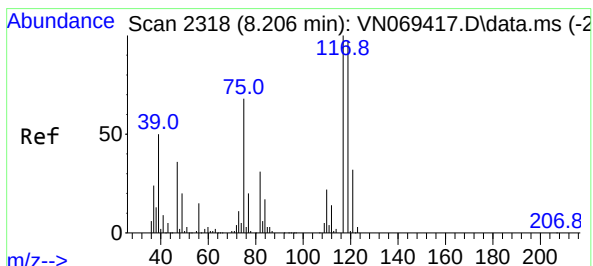
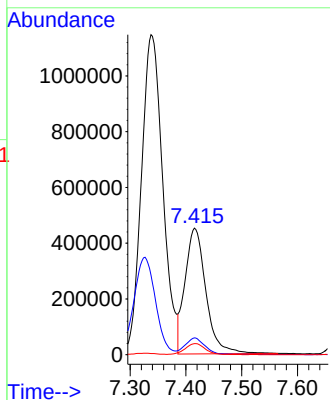
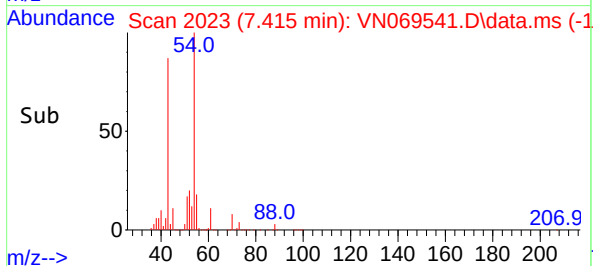
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1172149
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 8.2 7.9 11.9

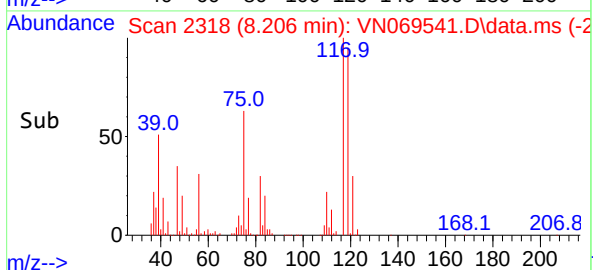
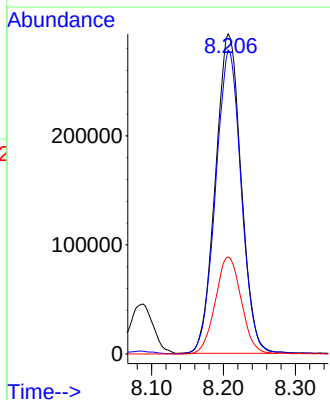
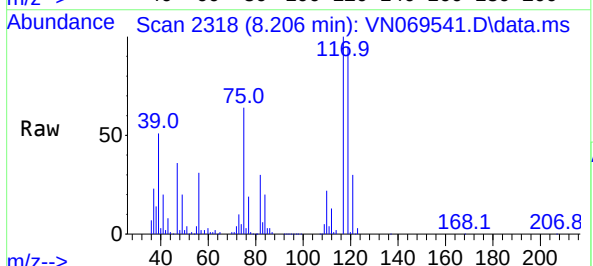
Manual Integrations
APPROVED

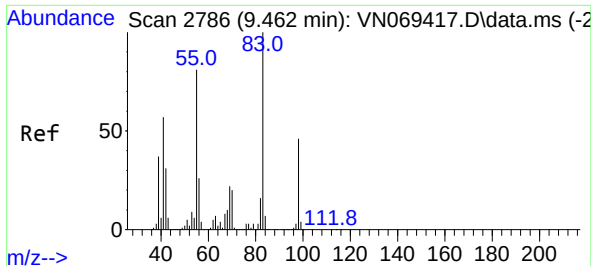
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 52.362 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Tgt Ion:117 Resp: 726733
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 30.3 24.2 36.2





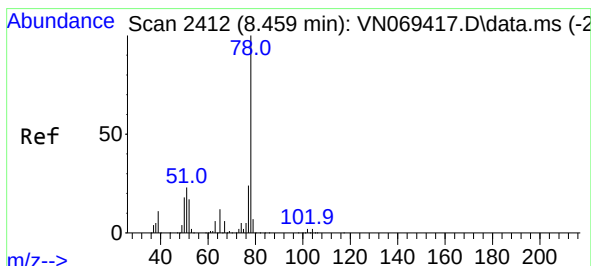
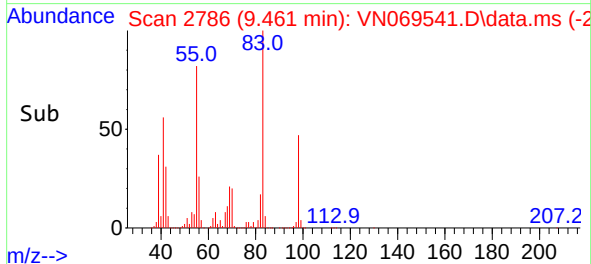
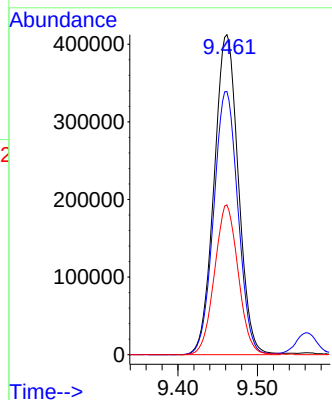
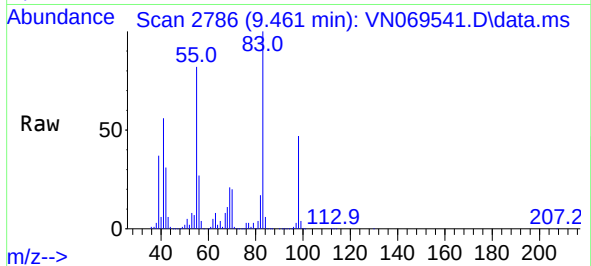
#39
Methylcyclohexane
Concen: 48.897 ug/l
RT: 9.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 87444
Ion Ratio Lower Upper
83 100
55 82.2 58.1 87.1
98 46.8 38.4 57.6

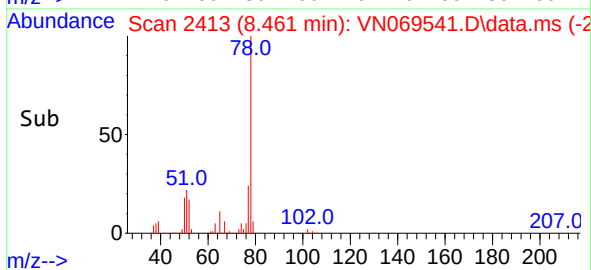
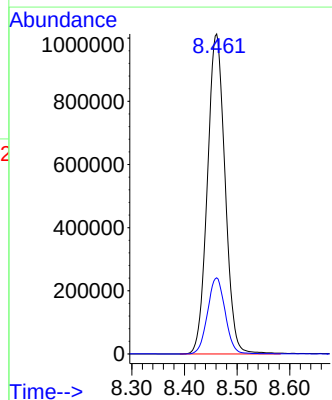
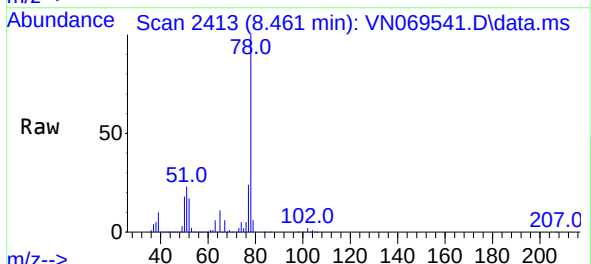
Manual Integrations
APPROVED

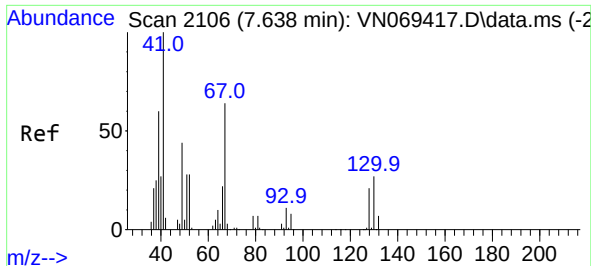
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 53.204 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

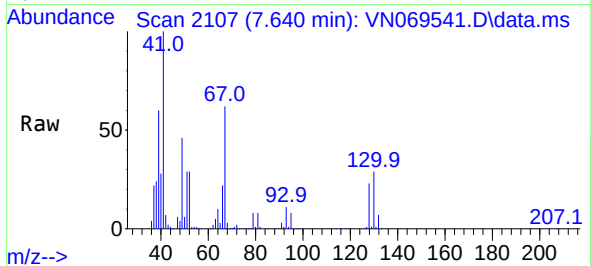
Tgt Ion: 78 Resp: 2360819
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 57.750 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

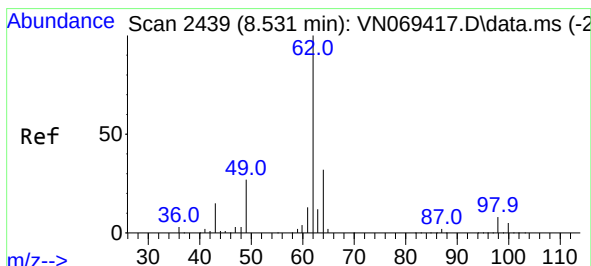
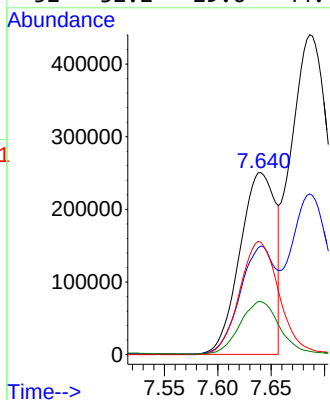
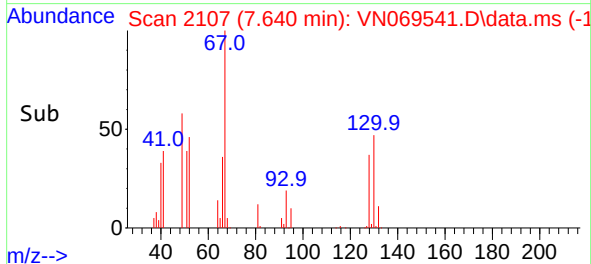
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 579884
Ion Ratio Lower Upper
41 100
39 61.5 48.1 72.1
67 70.1 68.3 102.5
52 32.2 29.6 44.4

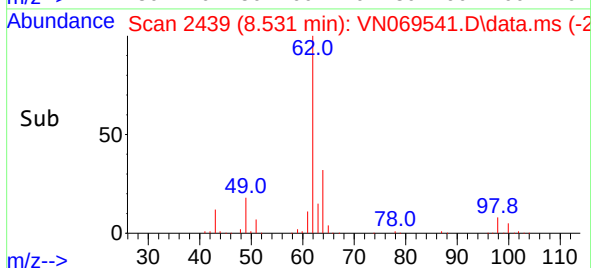
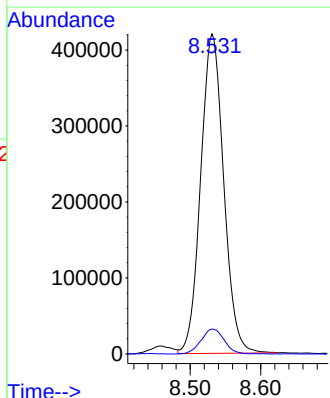
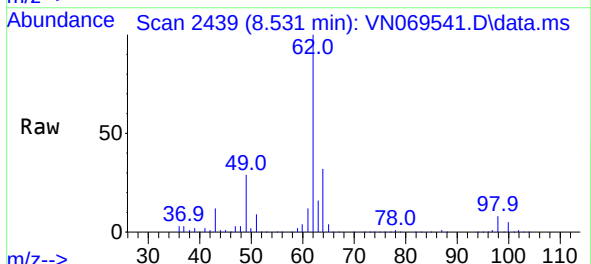
Manual Integrations
APPROVED

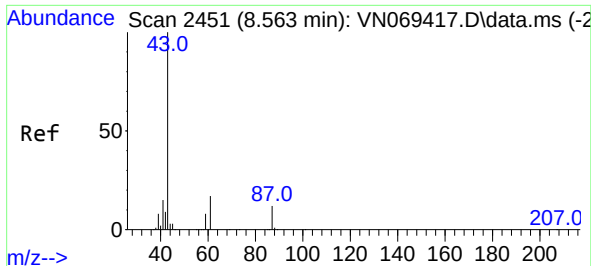
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 54.850 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Tgt Ion: 62 Resp: 953009
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





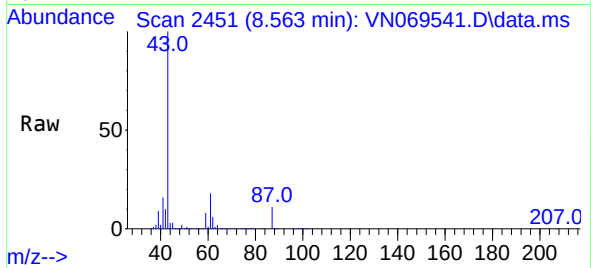
#43
Isopropyl Acetate
Concen: 57.404 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



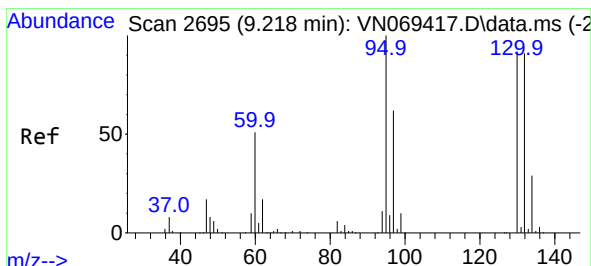
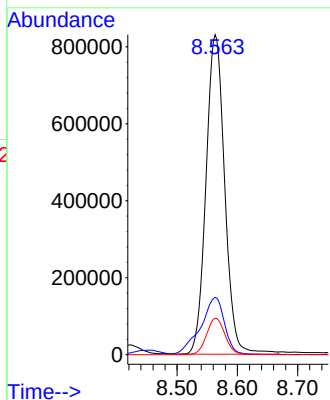
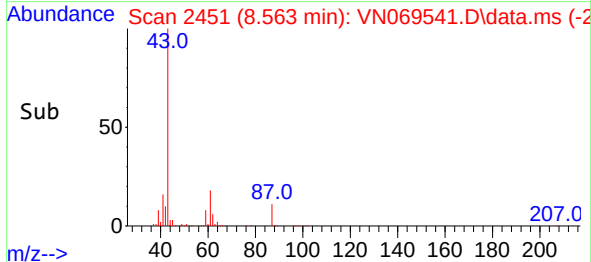
Tgt Ion: 43 Resp: 179178
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 11.3 11.2 16.8

Manual Integrations

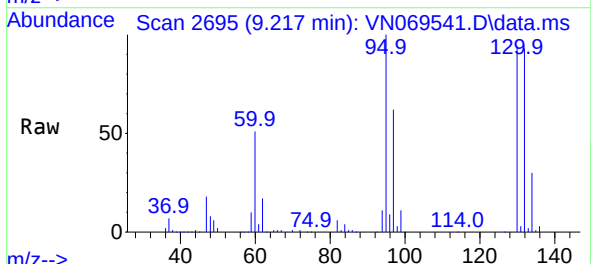
APPROVED

Reviewed By :John Carlone 11/18/2021

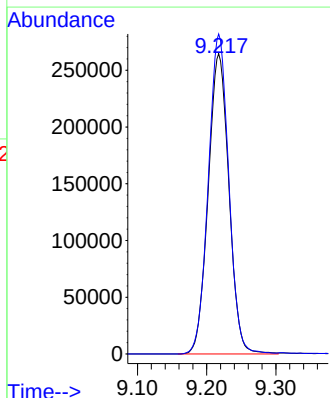
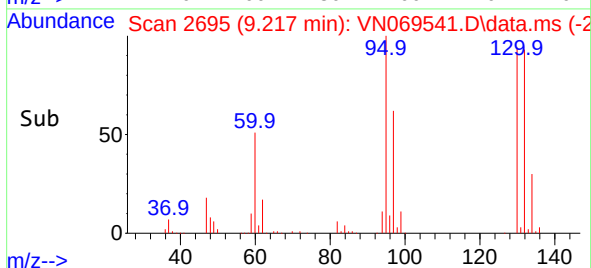
Supervised By :Mahesh Dadoda 11/18/2021

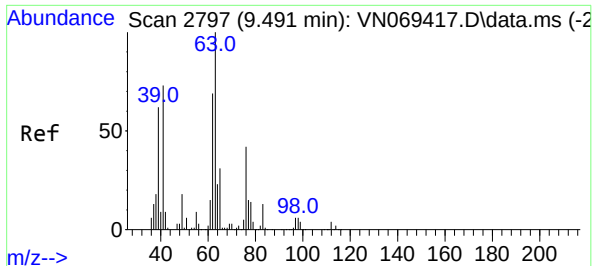


#44
Trichloroethene
Concen: 51.801 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



Tgt Ion:130 Resp: 550116
Ion Ratio Lower Upper
130 100
95 106.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 55.859 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069541.D

Acq: 17 Nov 2021 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 66222

Ion Ratio Lower Upper

63 100

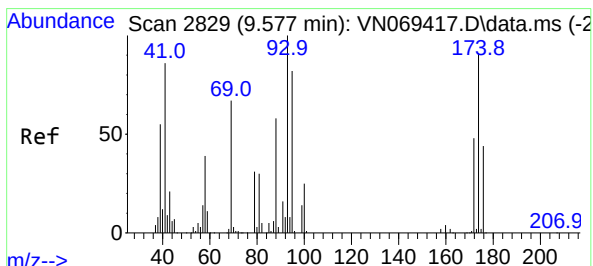
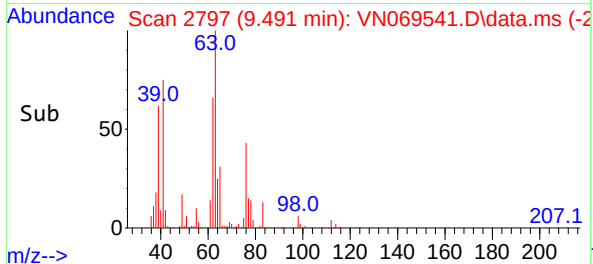
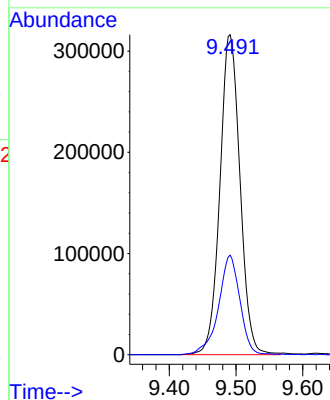
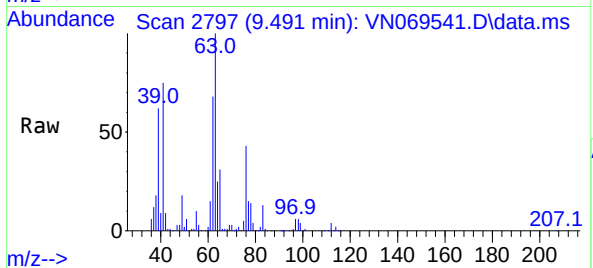
65 31.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 54.147 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN069541.D

Acq: 17 Nov 2021 20:01

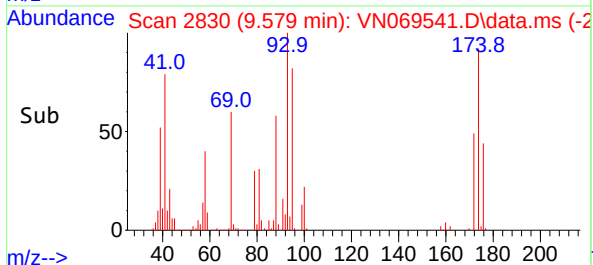
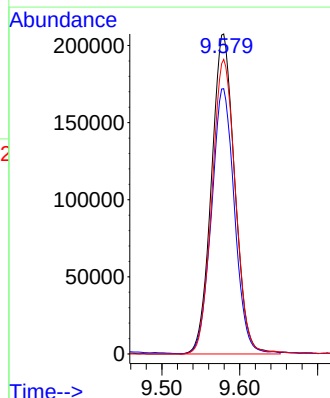
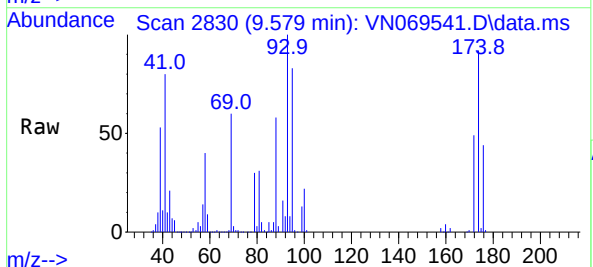
Tgt Ion: 93 Resp: 429965

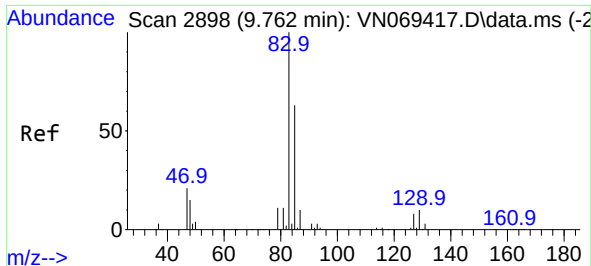
Ion Ratio Lower Upper

93 100

95 81.6 65.9 98.9

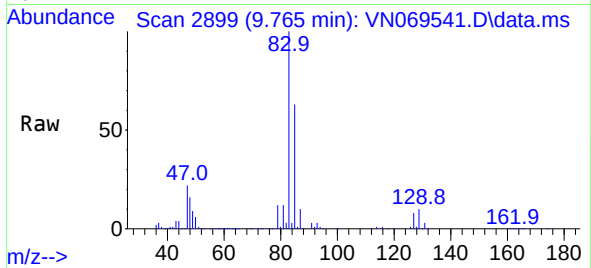
174 93.0 84.6 127.0





#47
Bromodichloromethane
Concen: 55.592 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

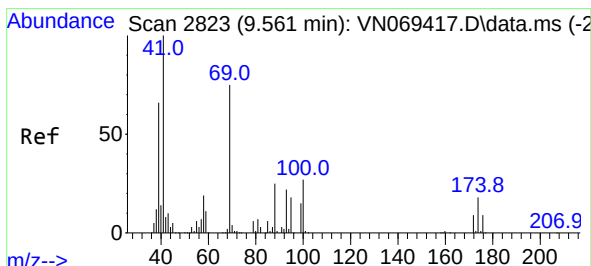
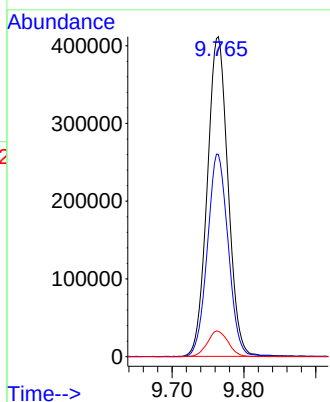
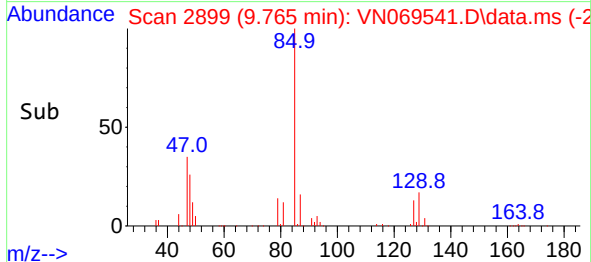
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



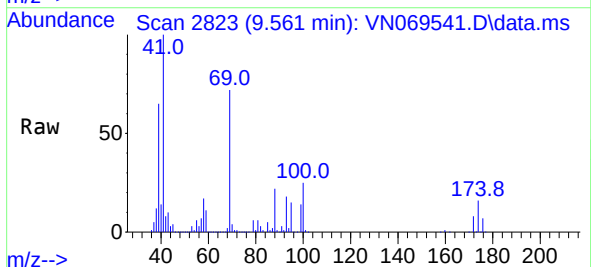
Tgt Ion: 83 Resp: 82376
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 8.0 7.1 10.7

Manual Integrations
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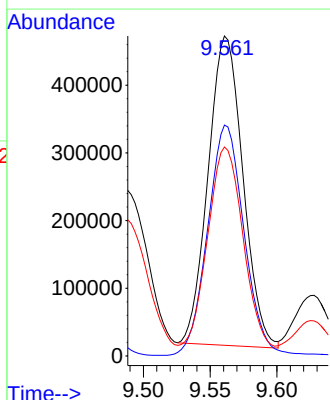
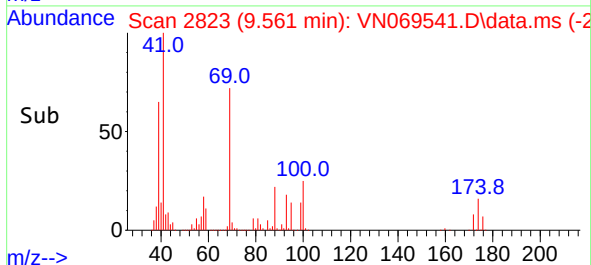
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

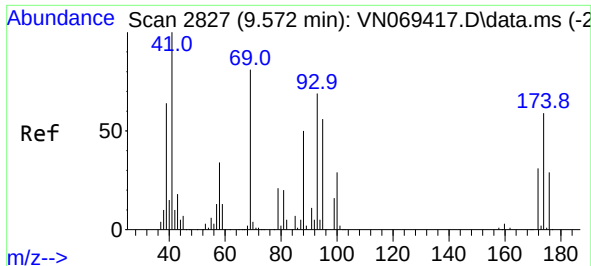


#48
Methyl methacrylate
Concen: 56.352 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



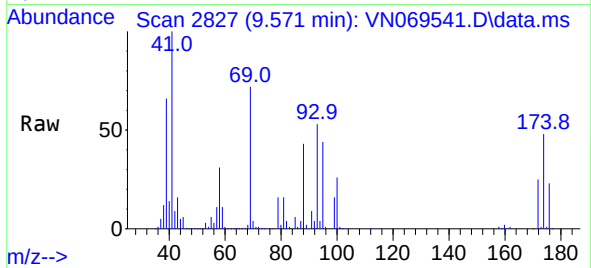
Tgt Ion: 41 Resp: 827544
Ion Ratio Lower Upper
41 100
69 78.4 72.4 108.6
39 70.9 58.4 87.6





#49
1,4-Dioxane
Concen: 1042.652 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.001 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

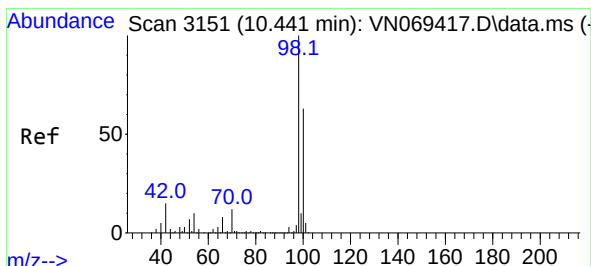
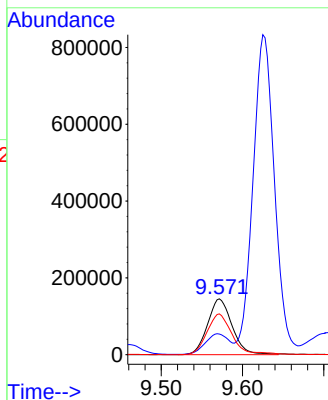
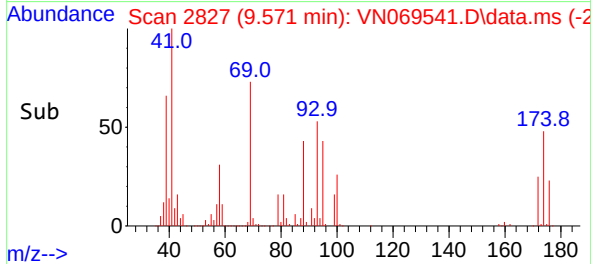
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 303948
Ion Ratio Lower Upper
88 100
43 36.4 23.4 35.2
58 76.0 50.6 75.8

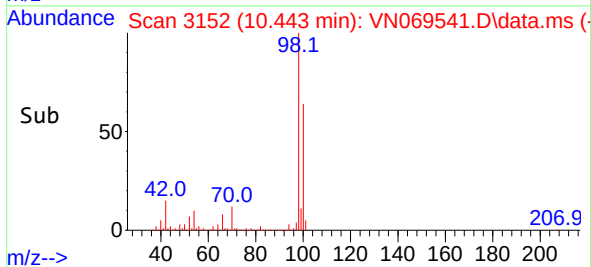
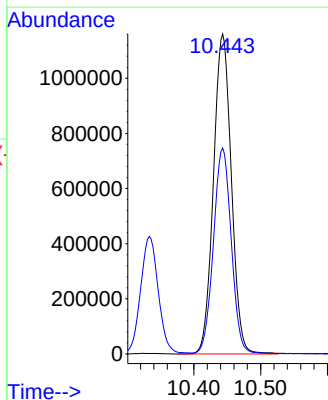
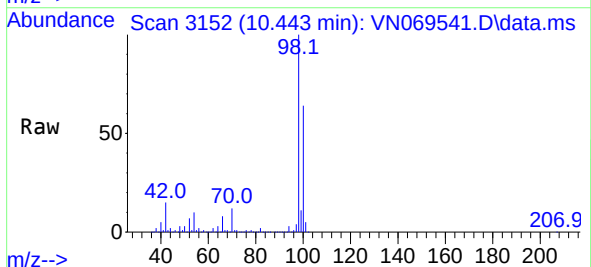
Manual Integrations
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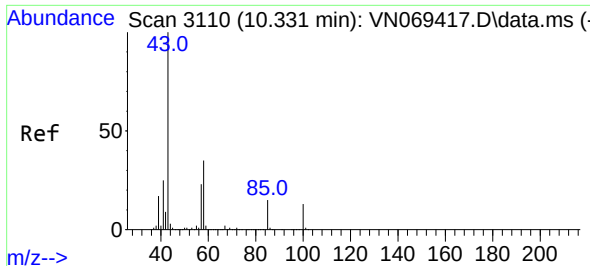
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 53.743 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Tgt Ion: 98 Resp: 2165860
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





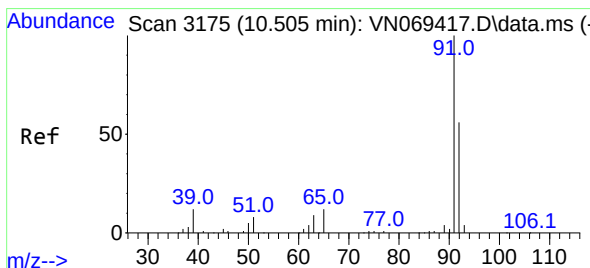
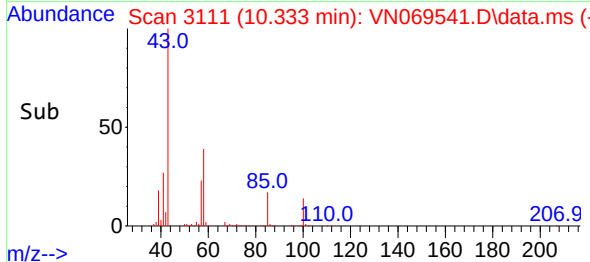
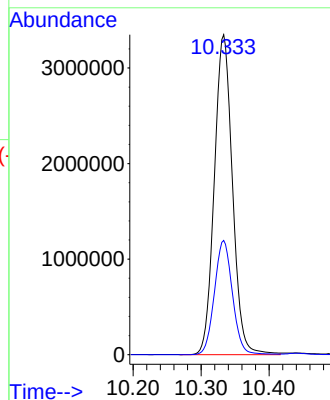
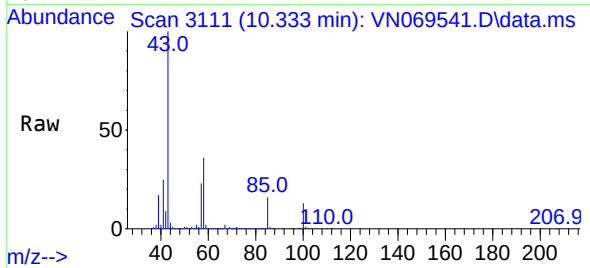
#51
4-Methyl-2-Pentanone
Concen: 308.112 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 620772
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6

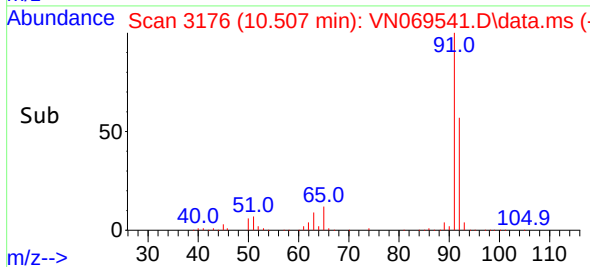
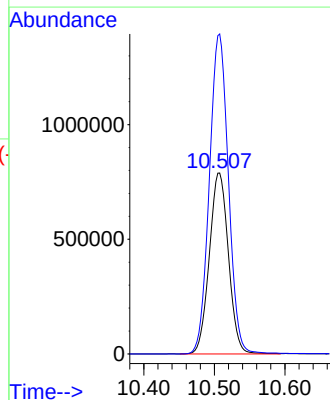
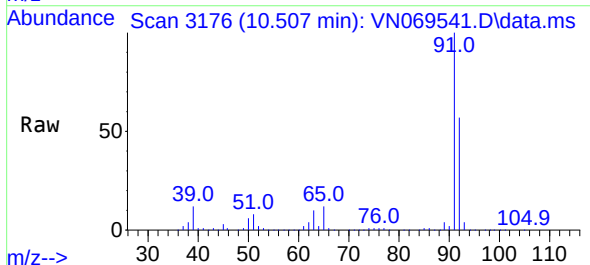
Manual Integrations
APPROVED

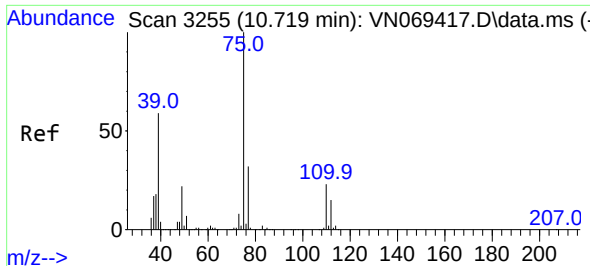
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 53.657 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

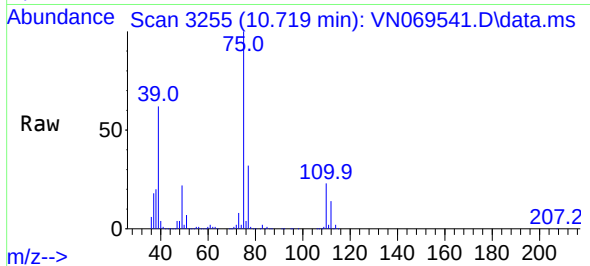
Tgt Ion: 92 Resp: 1483301
Ion Ratio Lower Upper
92 100
91 176.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.025 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

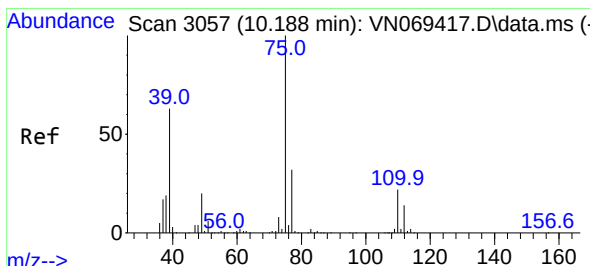
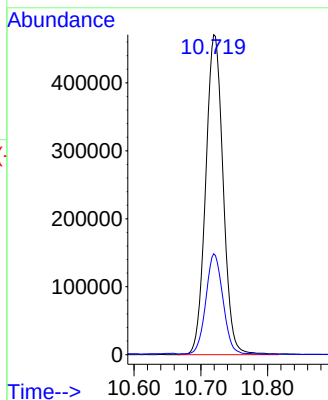
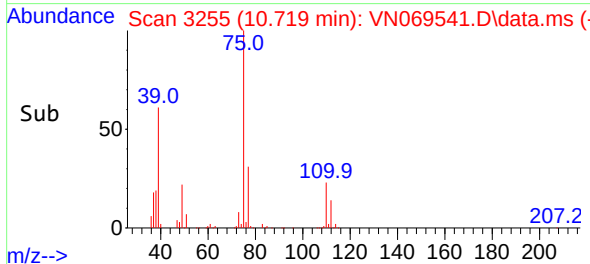
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



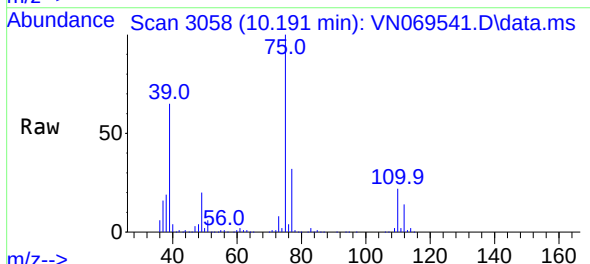
Tgt Ion: 75 Resp: 853728
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

Manual Integrations
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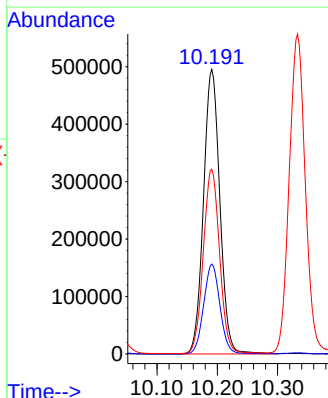
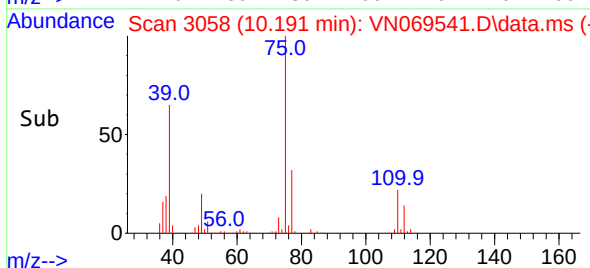
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

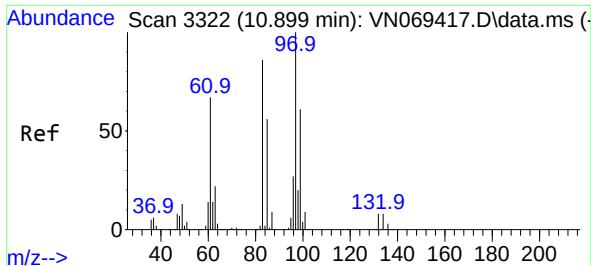


#54
cis-1,3-Dichloropropene
Concen: 48.783 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



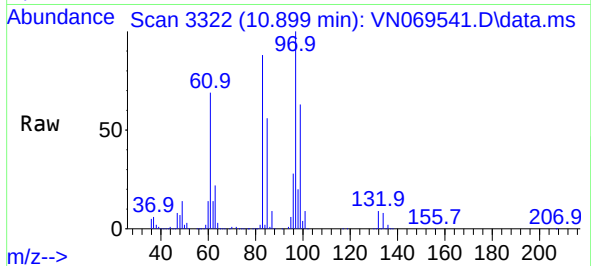
Tgt Ion: 75 Resp: 935739
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 64.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 57.495 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

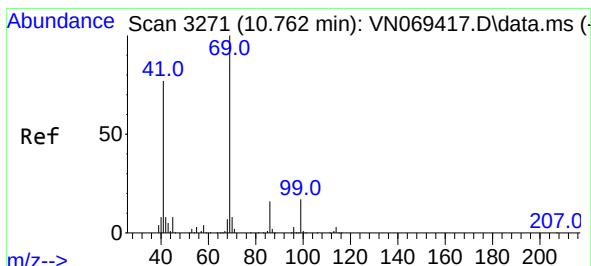
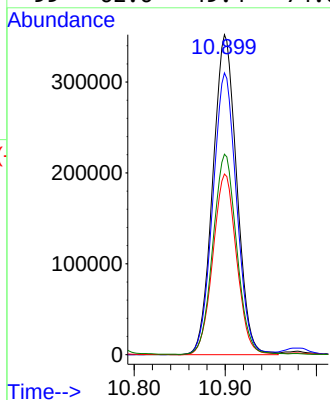
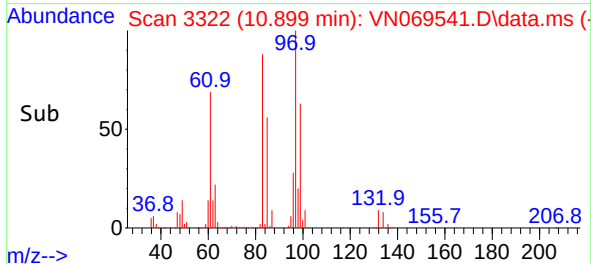


Tgt Ion: 97 Resp: 640689

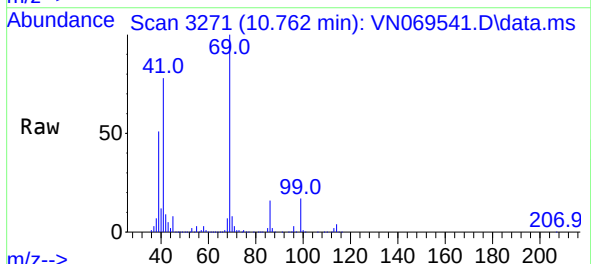
Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.8	101.6
85	56.5	45.4	68.2
99	62.6	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

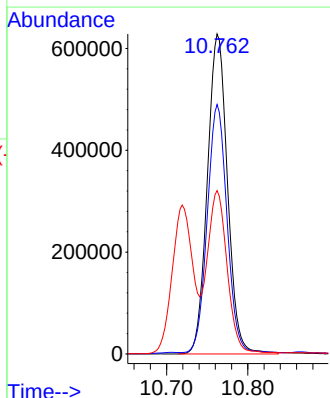
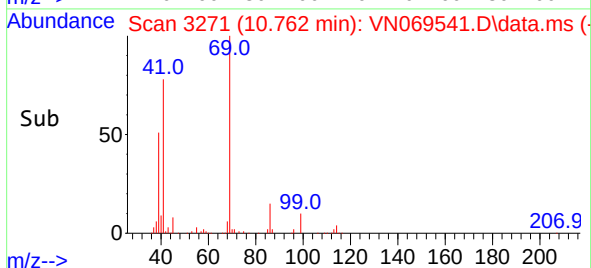


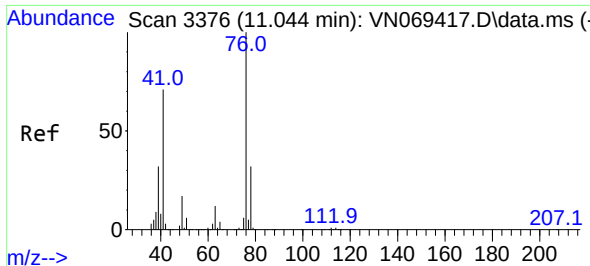
#56
Ethyl methacrylate
Concen: 51.461 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



Tgt Ion: 69 Resp: 1081994

Ion	Ratio	Lower	Upper
69	100		
41	76.2	51.4	77.0
39	49.6	34.6	52.0





#57

1,3-Dichloropropane

Concen: 56.020 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.002 min

Lab File: VN069541.D

Acq: 17 Nov 2021 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 1096959

Ion Ratio Lower Upper

76 100

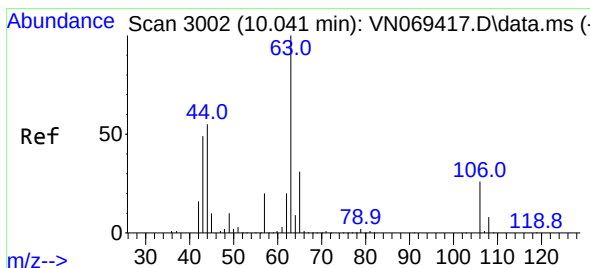
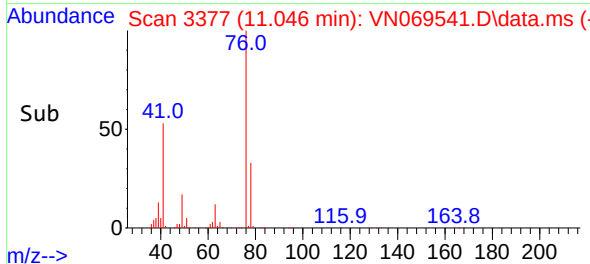
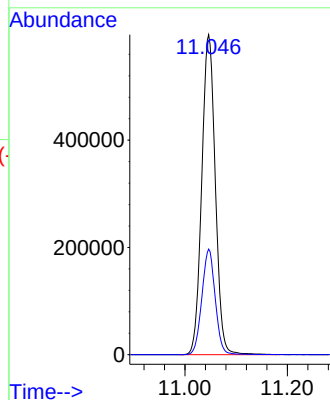
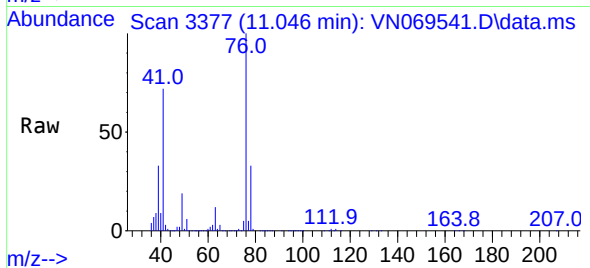
78 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 249.089 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069541.D

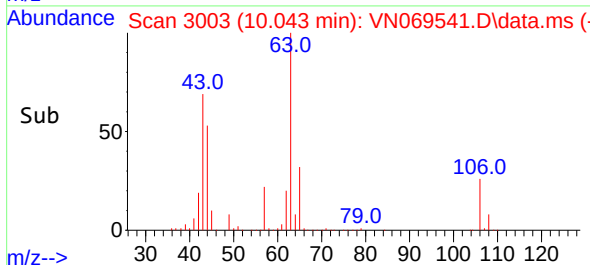
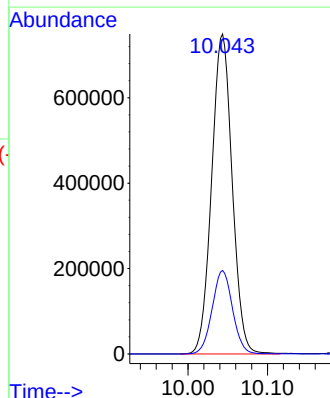
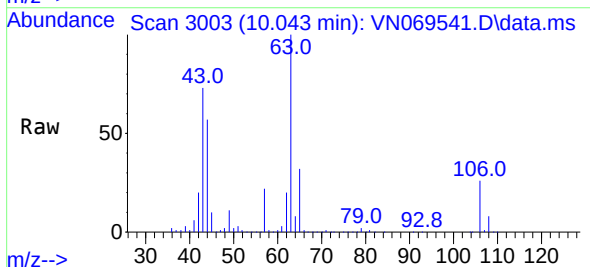
Acq: 17 Nov 2021 20:01

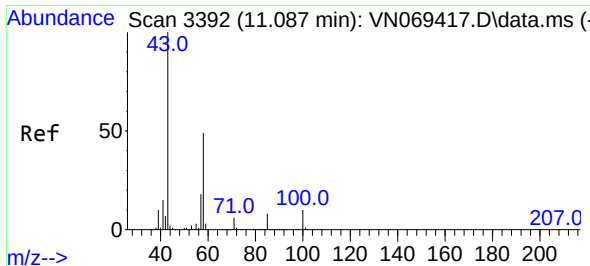
Tgt Ion: 63 Resp: 1344519

Ion Ratio Lower Upper

63 100

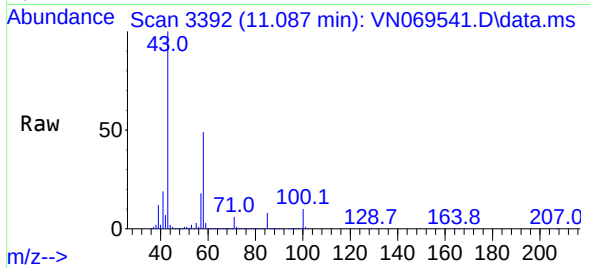
106 25.9 23.9 35.9





#59
2-Hexanone
Concen: 266.231 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

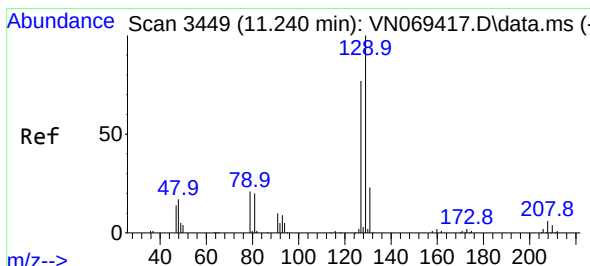
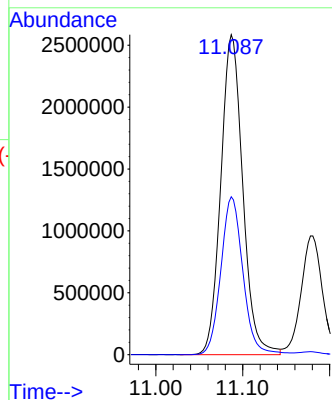
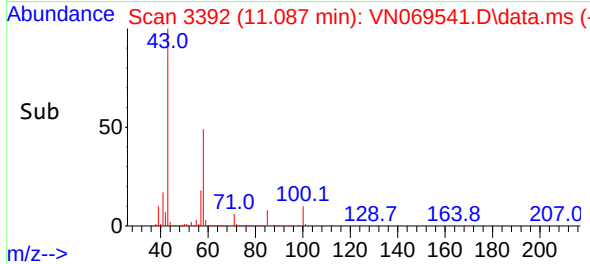
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 453802
Ion Ratio Lower Upper
43 100
58 49.6 26.9 80.7

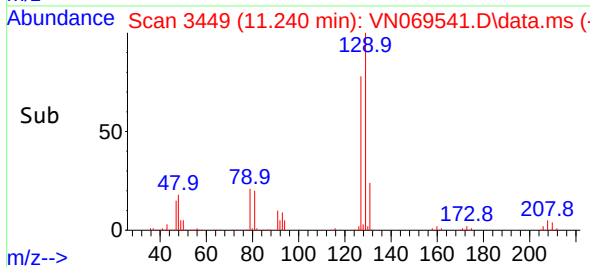
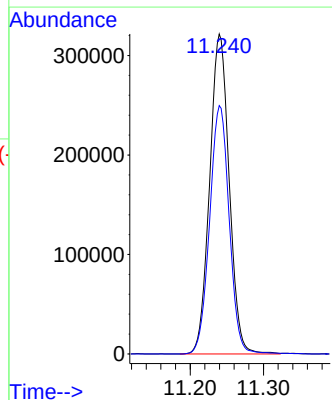
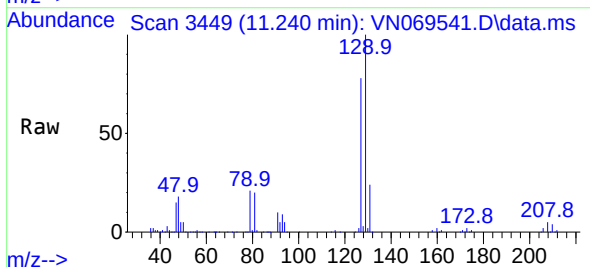
Manual Integrations
APPROVED

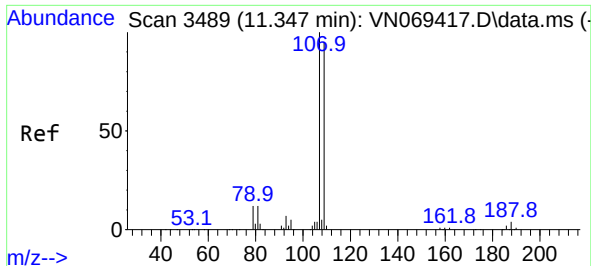
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 48.750 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Tgt Ion:129 Resp: 595472
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





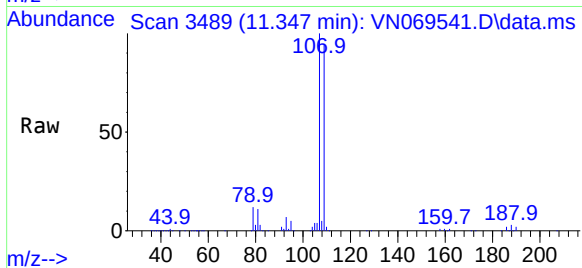
#61
1,2-Dibromoethane
Concen: 51.887 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

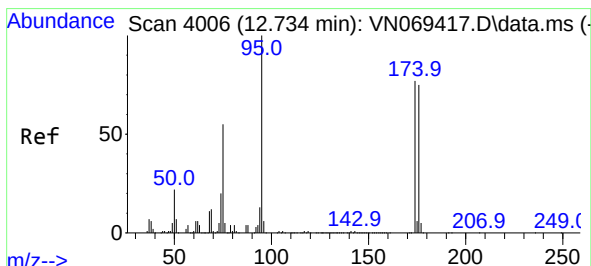
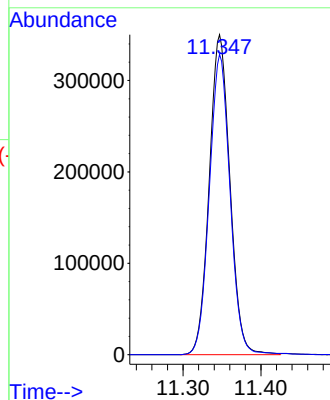
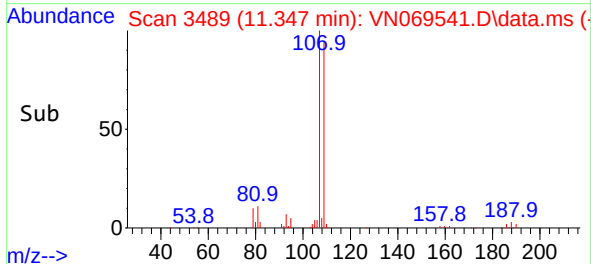


Tgt Ion:107 Resp: 645879
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

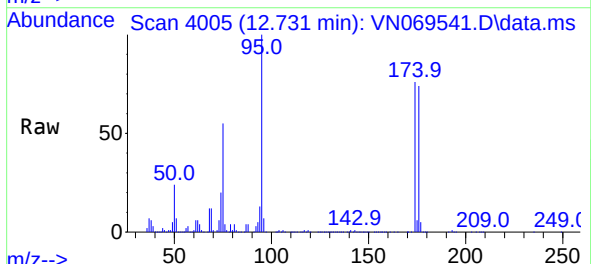
Manual Integrations

APPROVED

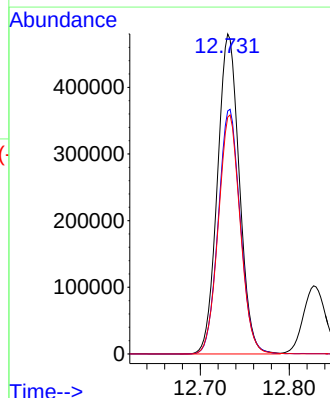
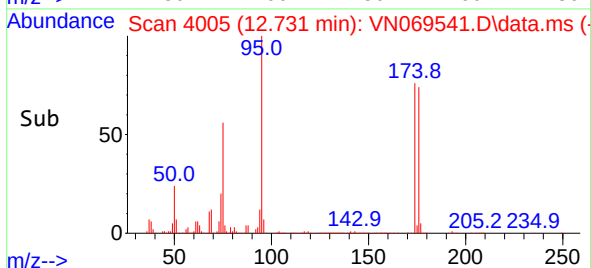
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

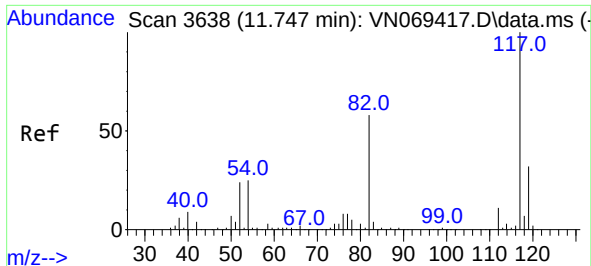


#62
4-Bromofluorobenzene
Concen: 55.464 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



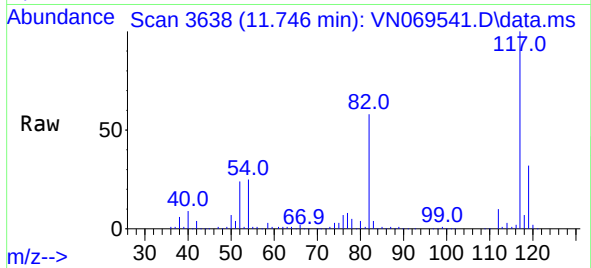
Tgt Ion: 95 Resp: 821132
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 74.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

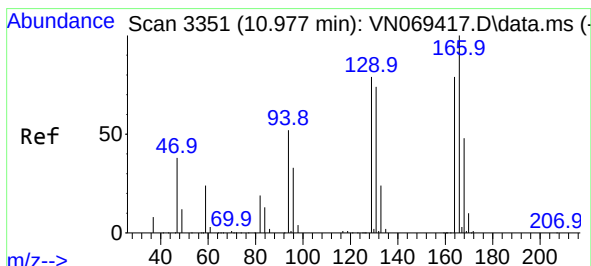
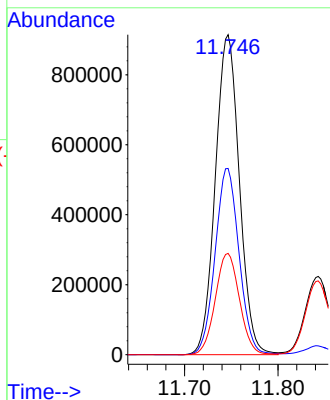
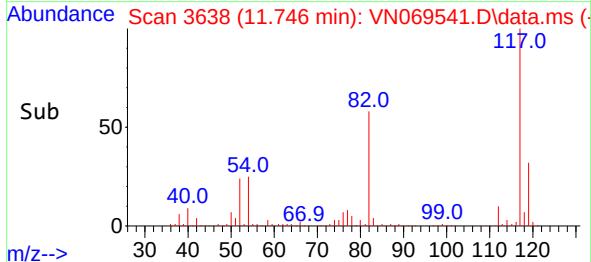
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



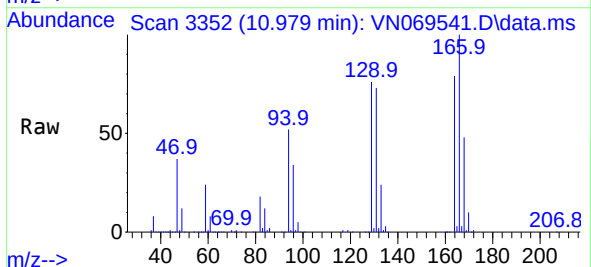
Tgt Ion:117 Resp: 1638044
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
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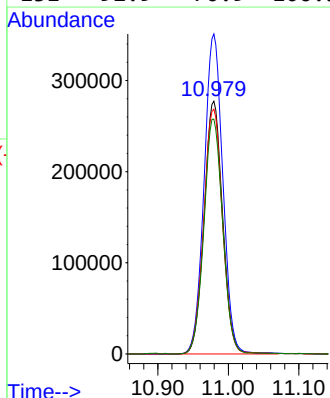
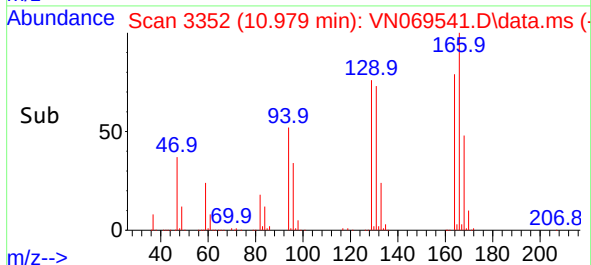
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

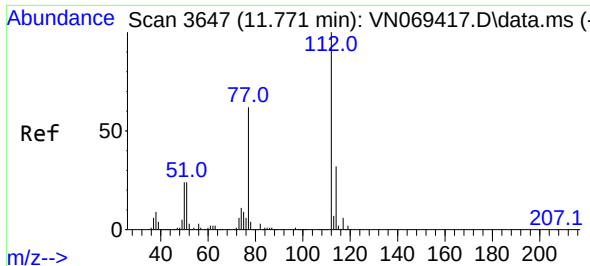


#64
Tetrachloroethene
Concen: 51.328 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



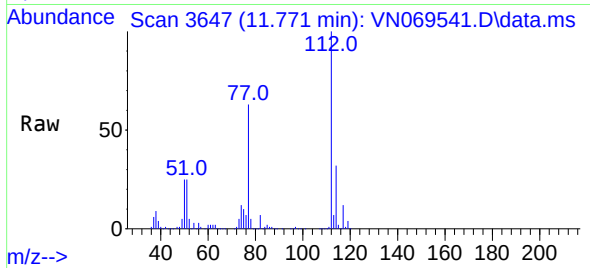
Tgt Ion:164 Resp: 507667
Ion Ratio Lower Upper
164 100
166 126.6 101.9 152.9
129 96.8 72.0 108.0
131 92.9 70.9 106.3





#65
Chlorobenzene
Concen: 53.293 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

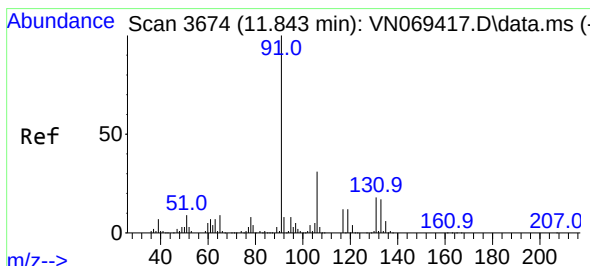
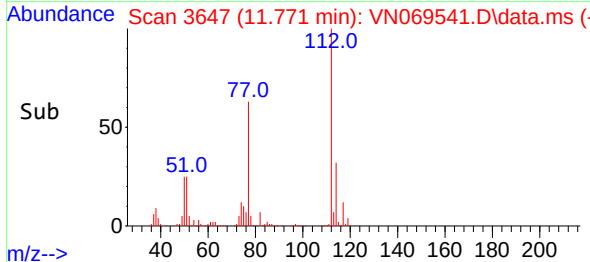
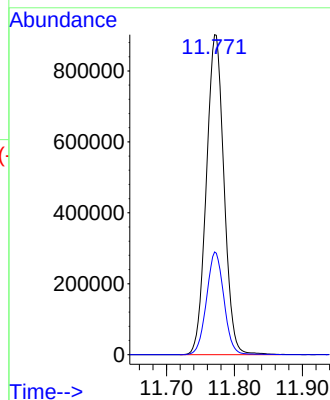
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 1624878
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

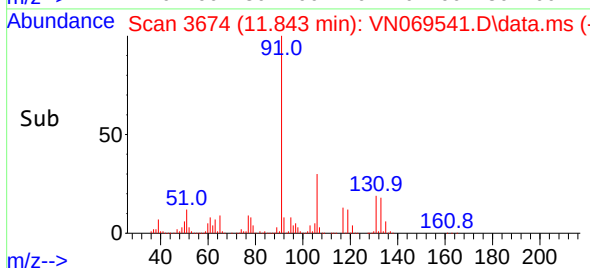
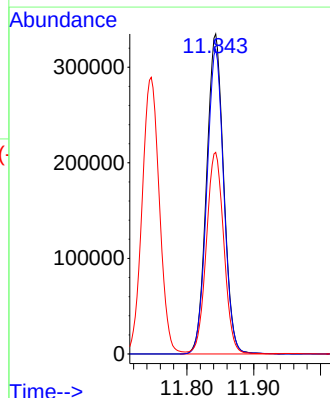
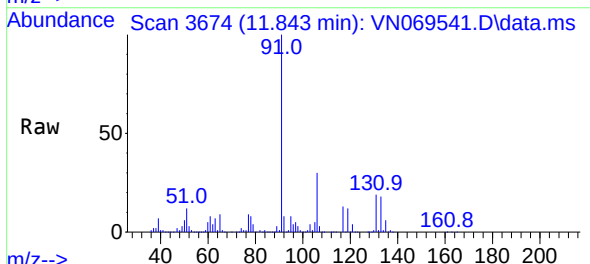
Manual Integrations
APPROVED

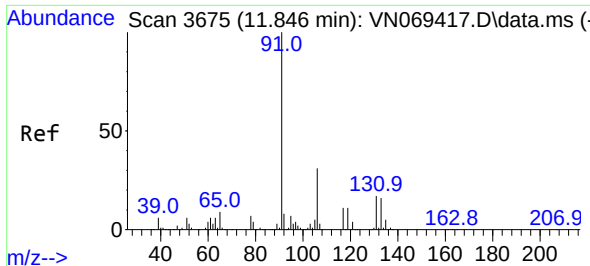
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 56.336 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

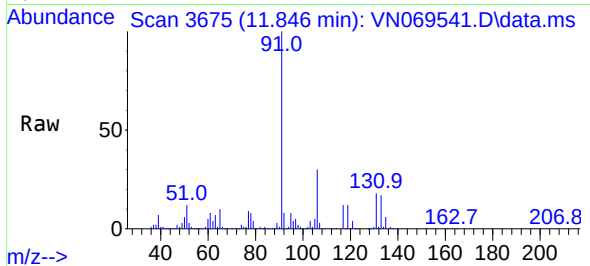
Tgt Ion:131 Resp: 595784
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 64.2 32.1 96.5





#67
Ethyl Benzene
Concen: 53.097 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

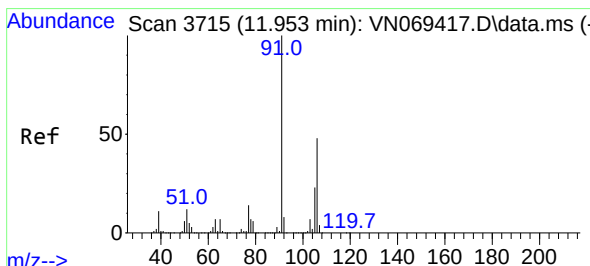
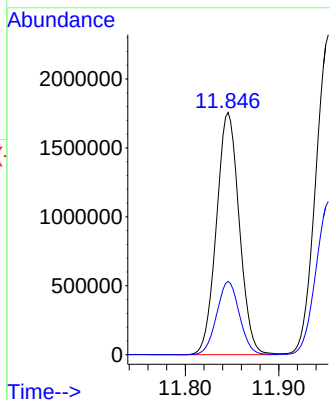
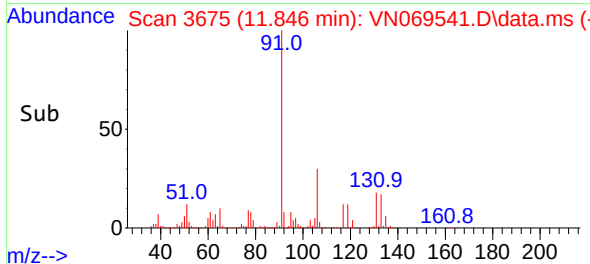
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 2985810
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

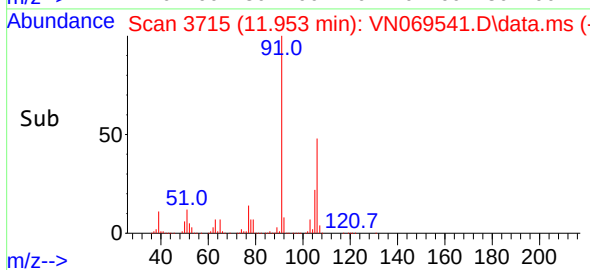
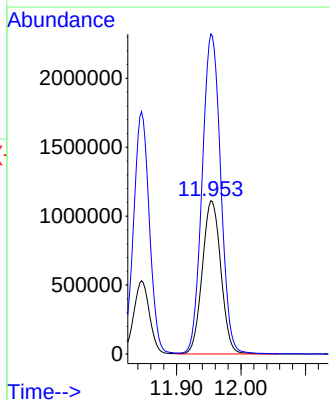
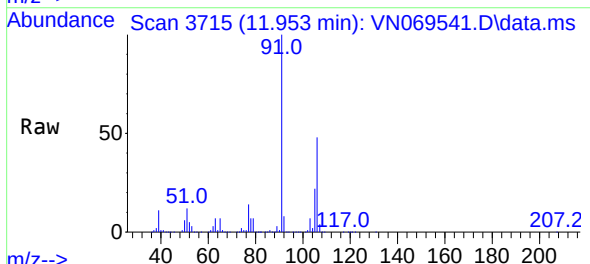
Manual Integrations
APPROVED

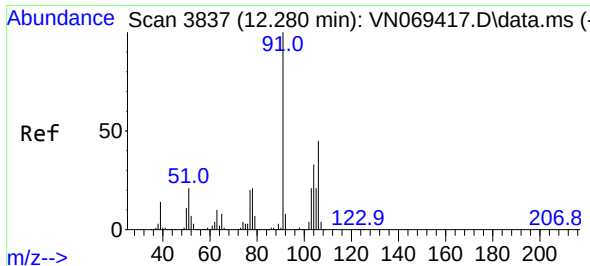
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 107.438 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

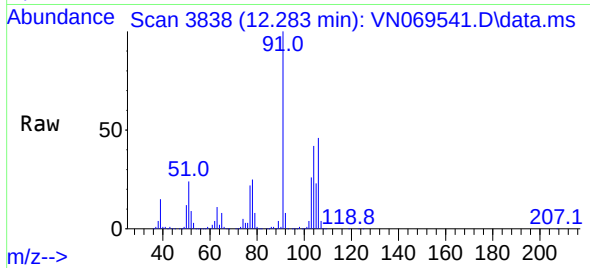
Tgt Ion:106 Resp: 2221983
Ion Ratio Lower Upper
106 100
91 208.7 160.6 240.8





#69
o-Xylene
Concen: 54.519 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

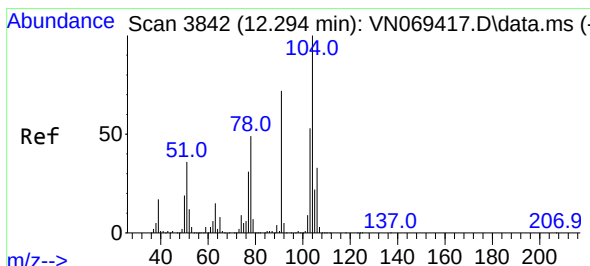
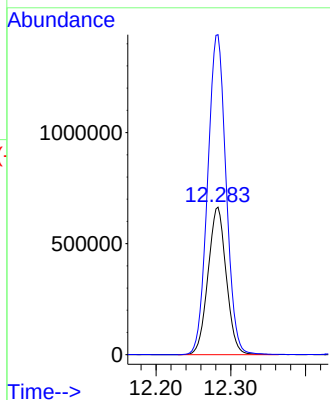
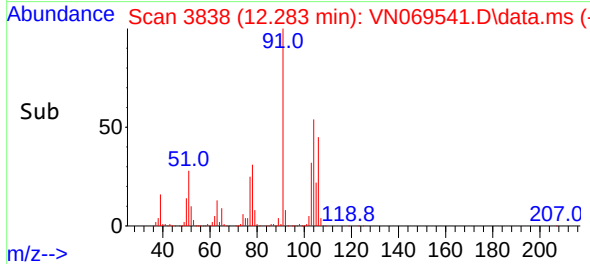
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC



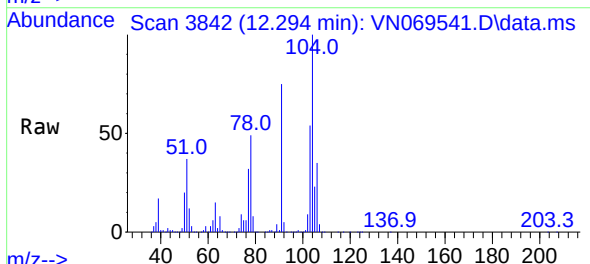
Tgt Ion:106 Resp: 112409
Ion Ratio Lower Upper
106 100
91 219.8 105.8 317.3

Manual Integrations
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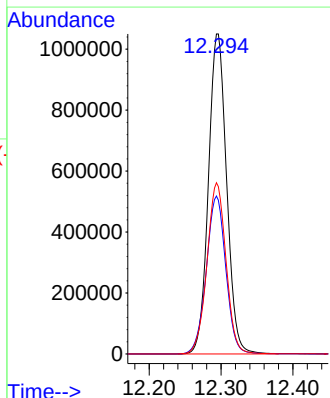
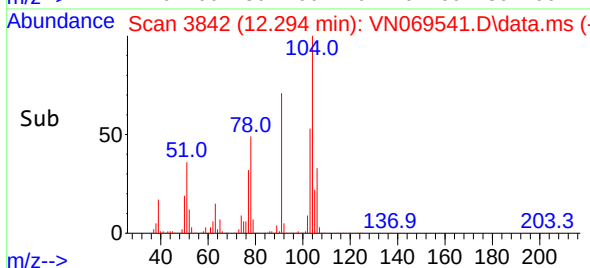
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

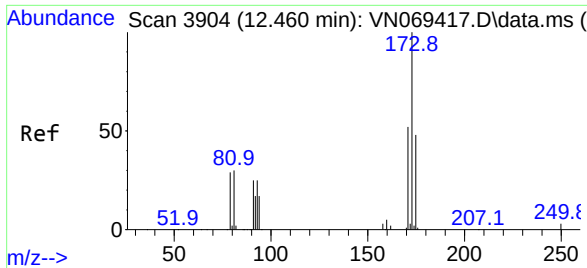


#70
Styrene
Concen: 49.899 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



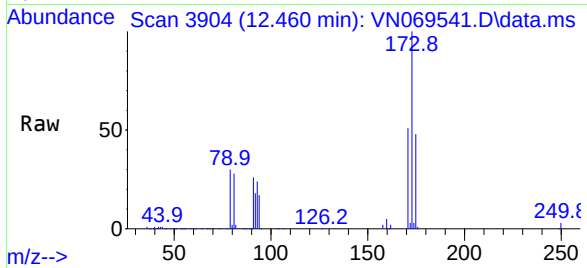
Tgt Ion:104 Resp: 1847102
Ion Ratio Lower Upper
104 100
78 53.0 38.7 58.1
103 56.1 45.0 67.6





#71
Bromoform
Concen: 46.393 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

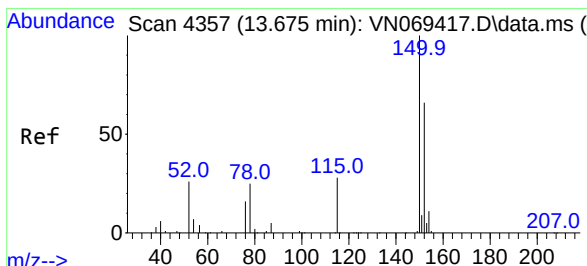
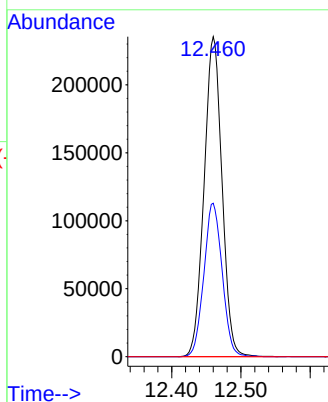
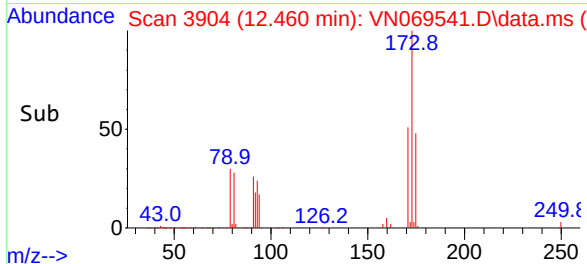
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



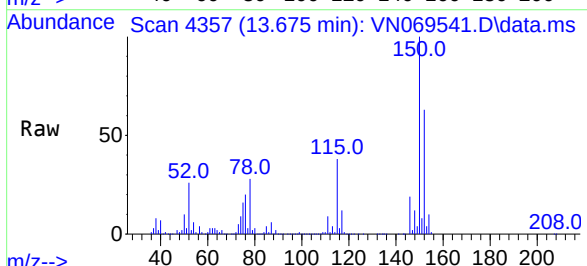
Tgt Ion:173 Resp: 42357
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

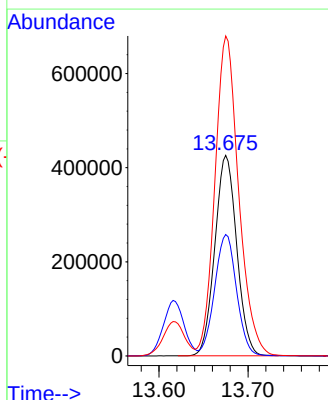
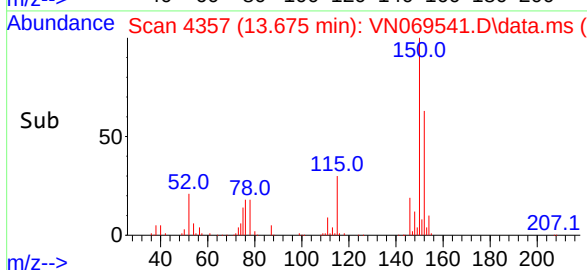
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

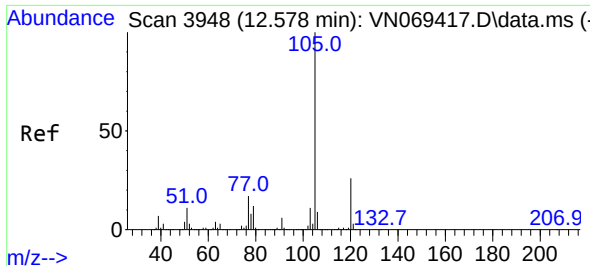


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



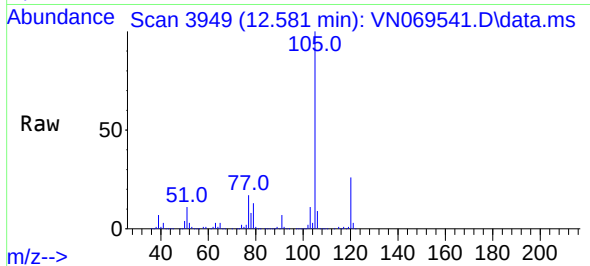
Tgt Ion:152 Resp: 729659
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 173.4 0.0 344.4





#73
Isopropylbenzene
Concen: 51.250 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

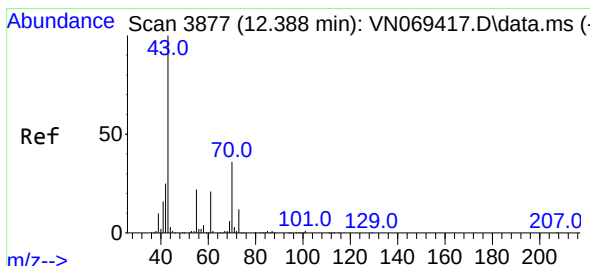
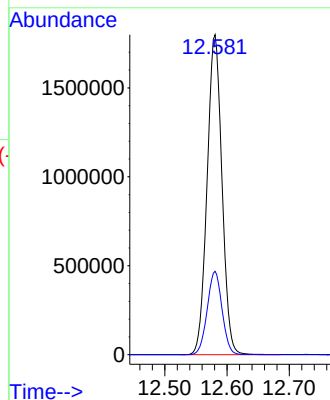
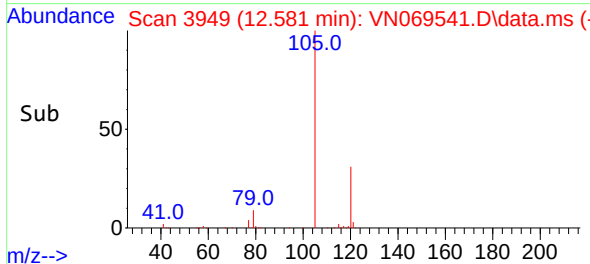
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



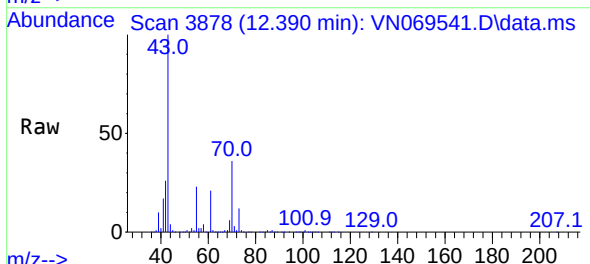
Tgt Ion:105 Resp: 2977438
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

Manual Integrations
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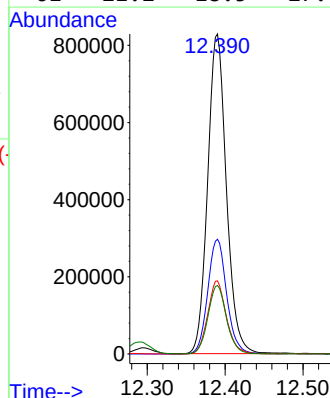
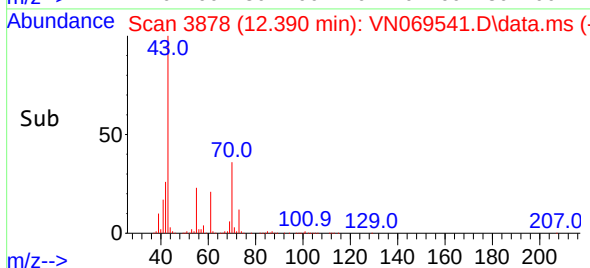
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

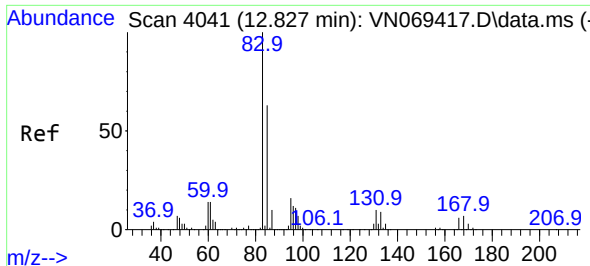


#74
N-ethyl acetate
Concen: 56.333 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



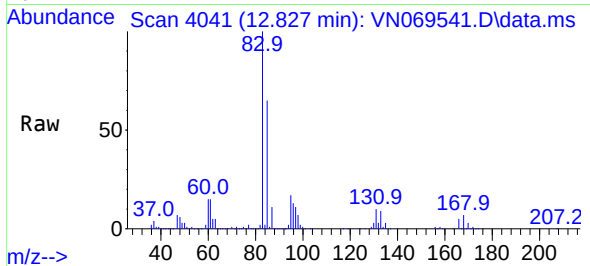
Tgt Ion: 43 Resp: 1386962
Ion Ratio Lower Upper
43 100
70 36.4 33.4 50.0
55 22.8 19.3 28.9
61 21.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 54.215 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

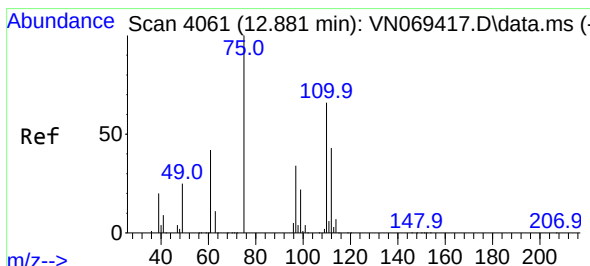
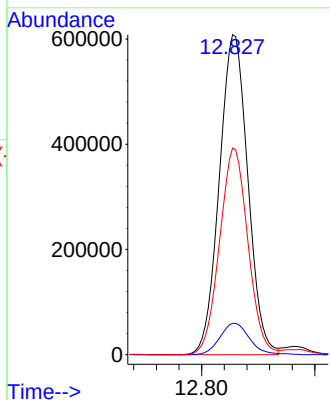
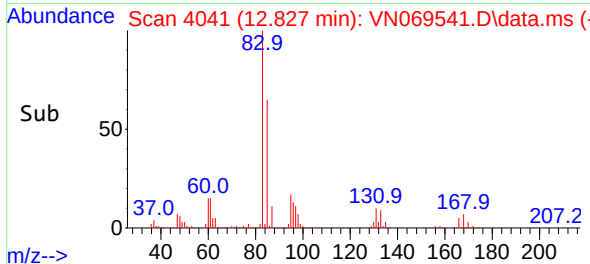
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



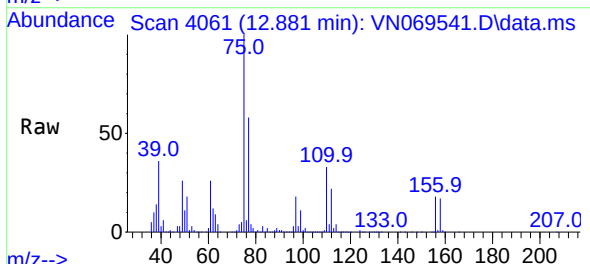
Tgt Ion: 83 Resp: 106229
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 64.2 32.4 97.2

Manual Integrations
APPROVED

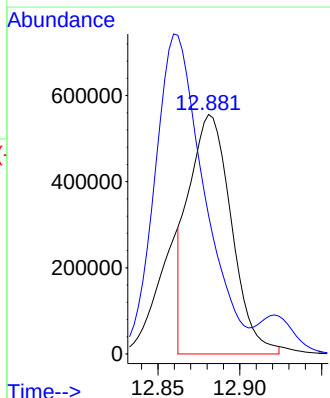
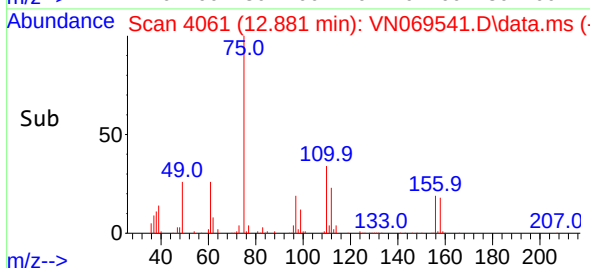
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

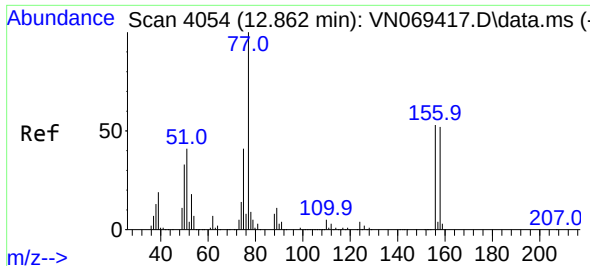


#76
1,2,3-Trichloropropane
Concen: 59.504 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



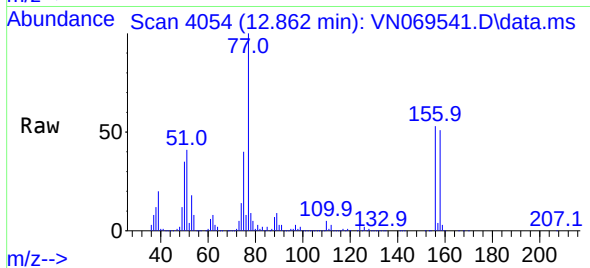
Tgt Ion: 75 Resp: 1001971
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 52.190 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

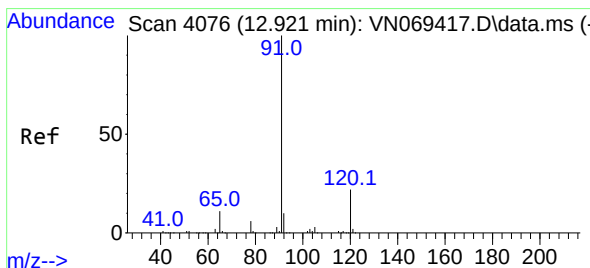
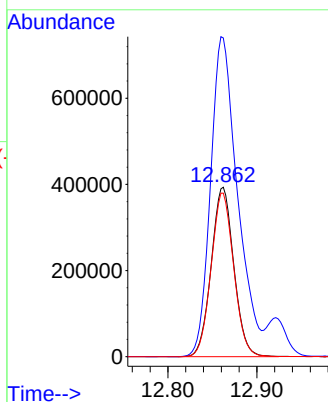
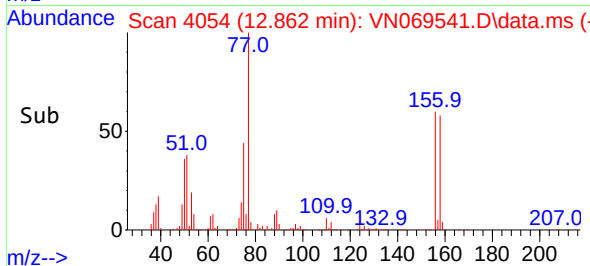
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



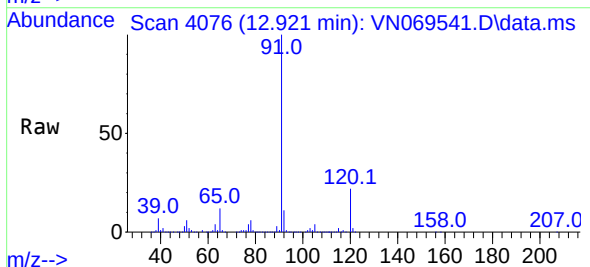
Tgt Ion:156 Resp: 693430
Ion Ratio Lower Upper
156 100
77 224.5 90.6 271.8
158 96.5 48.9 146.7

Manual Integrations
APPROVED

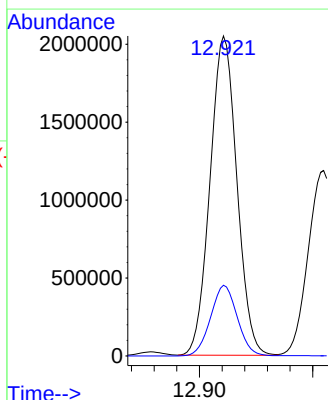
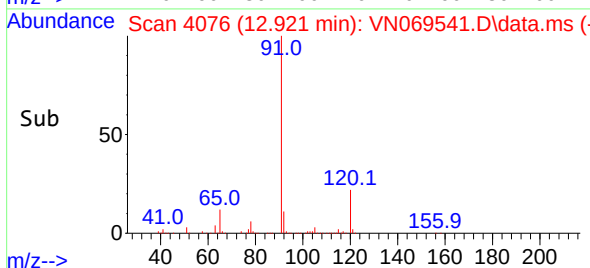
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

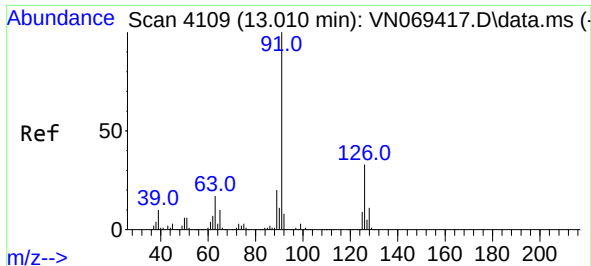


#78
n-propylbenzene
Concen: 51.563 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



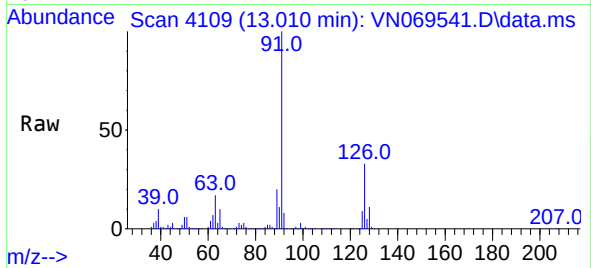
Tgt Ion: 91 Resp: 3370747
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





#79
2-Chlorotoluene
Concen: 51.566 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

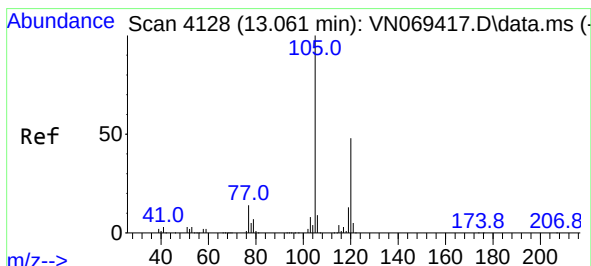
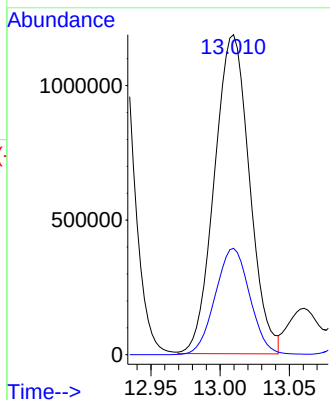
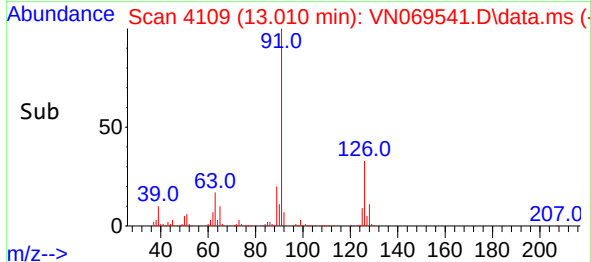
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



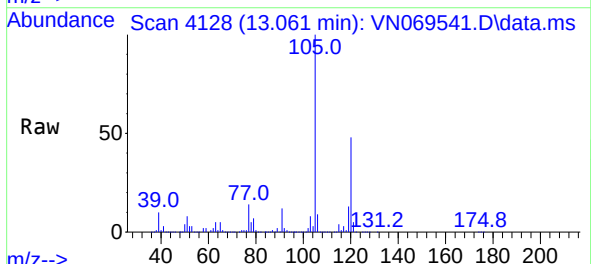
Tgt Ion: 91 Resp: 2087170
Ion Ratio Lower Upper
91 100
126 33.0 18.3 54.8

Manual Integrations
APPROVED

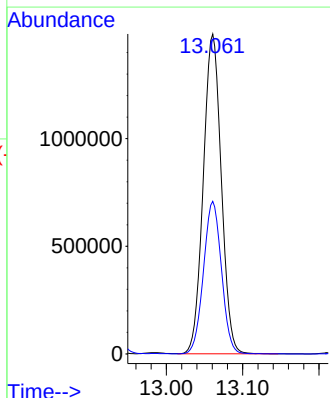
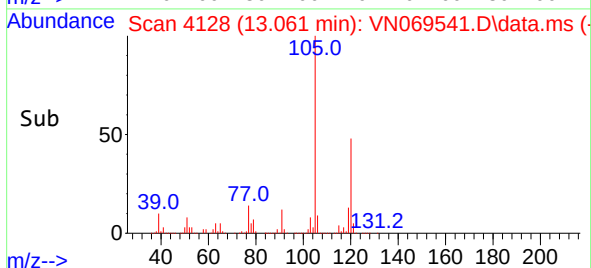
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

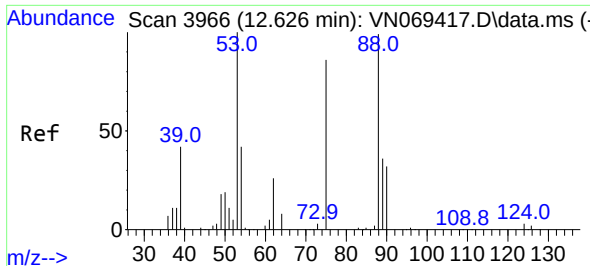


#80
1,3,5-Trimethylbenzene
Concen: 51.822 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



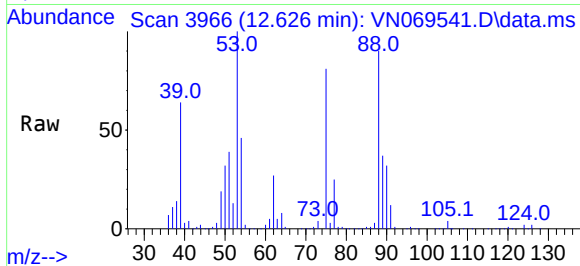
Tgt Ion:105 Resp: 2433868
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.178 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

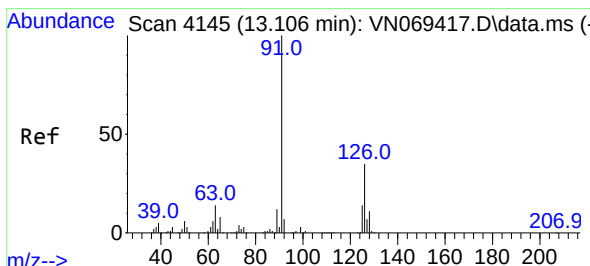
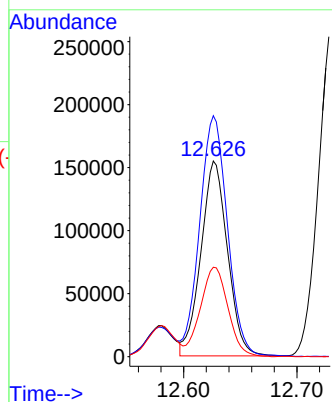
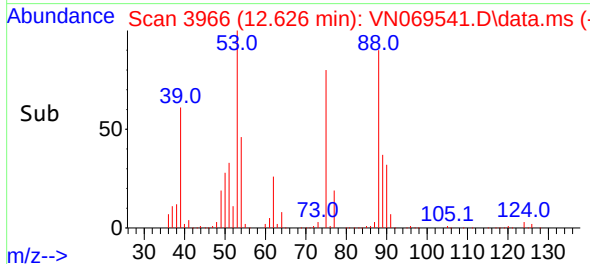
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



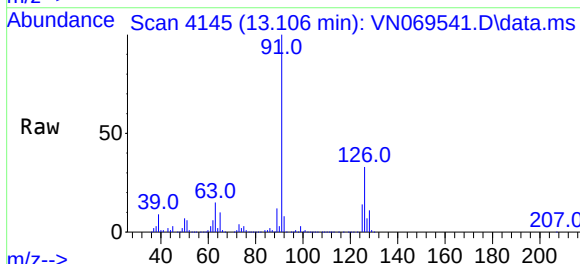
Tgt Ion: 75 Resp: 251997
Ion Ratio Lower Upper
75 100
53 129.5 90.5 135.7
89 47.8 38.2 57.4

Manual Integrations
APPROVED

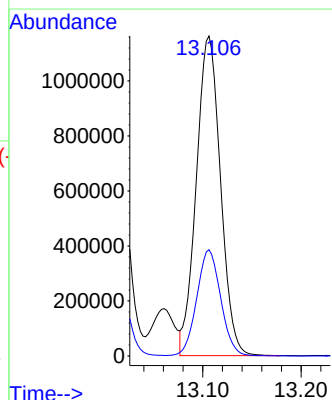
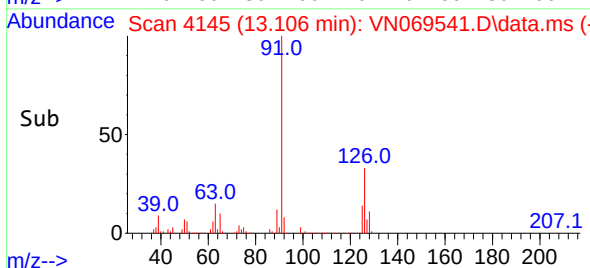
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

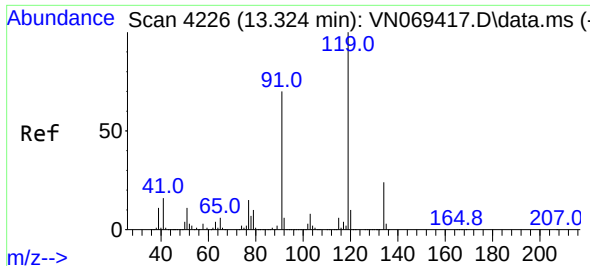


#82
4-Chlorotoluene
Concen: 51.388 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



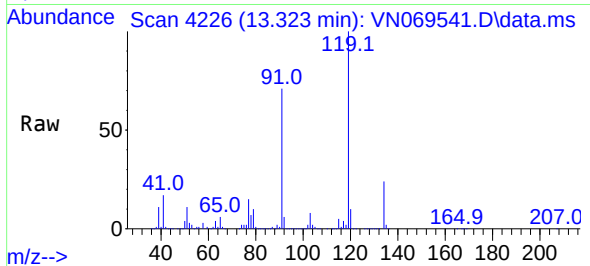
Tgt Ion: 91 Resp: 1982801
Ion Ratio Lower Upper
91 100
126 32.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 53.076 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

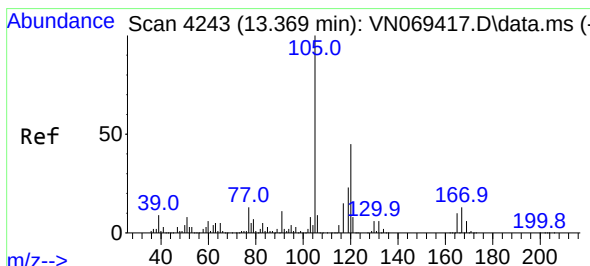
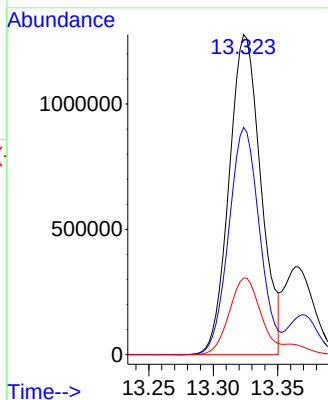
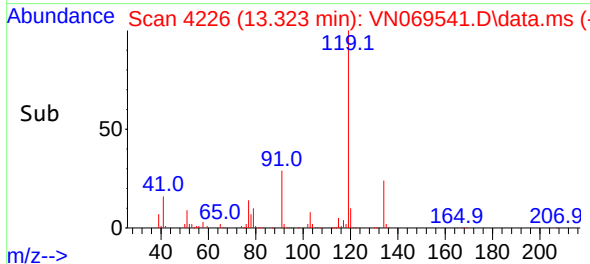
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 218446
Ion Ratio Lower Upper
119 100
91 69.3 31.5 94.5
134 24.2 12.4 37.4

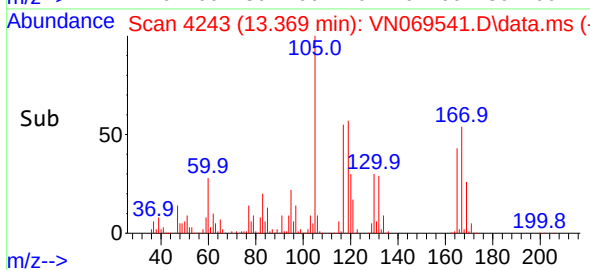
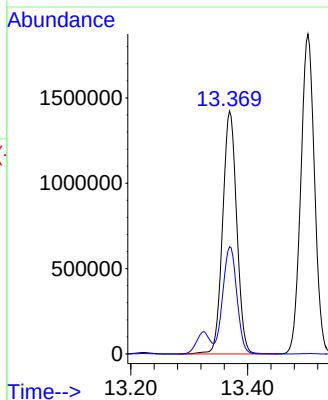
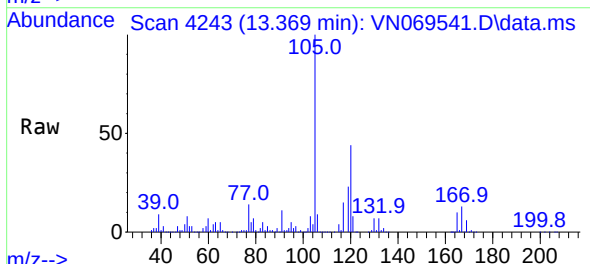
Manual Integrations
APPROVED

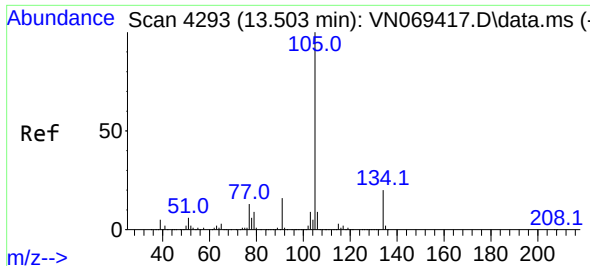
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 52.617 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

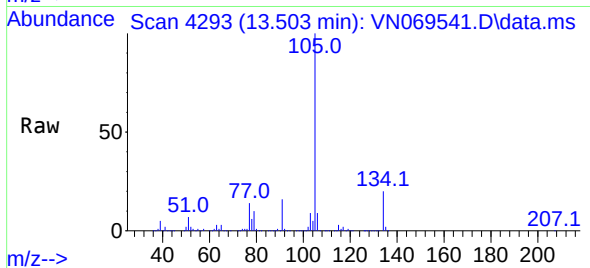
Tgt Ion:105 Resp: 2385695
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 52.987 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069541.D
 Acq: 17 Nov 2021 20:01

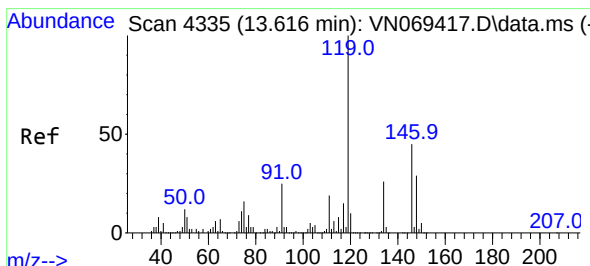
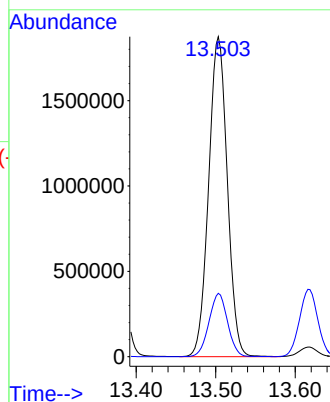
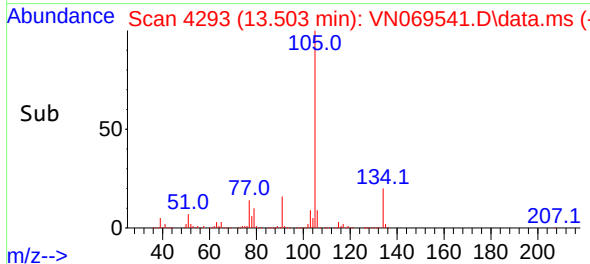
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



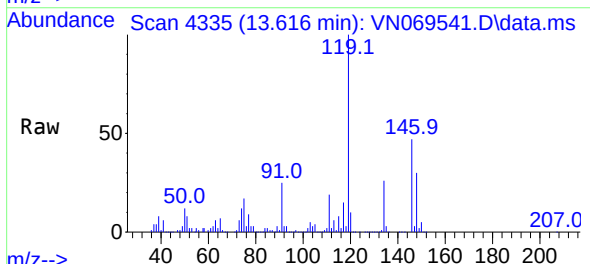
Tgt Ion:105 Resp: 3046398
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

Manual Integrations
 APPROVED

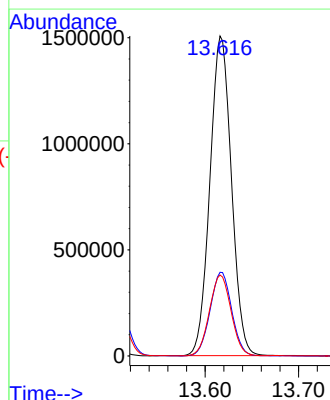
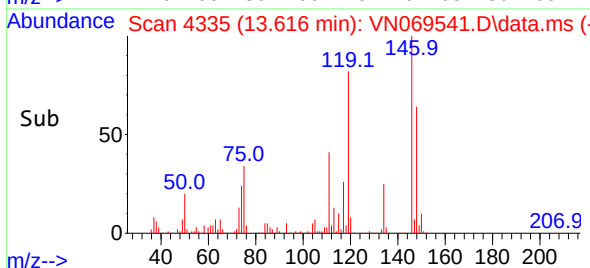
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

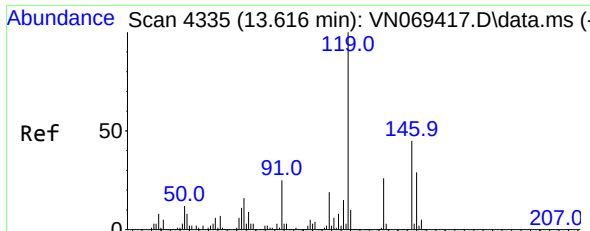


#86
 p-Isopropyltoluene
 Concen: 52.818 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069541.D
 Acq: 17 Nov 2021 20:01



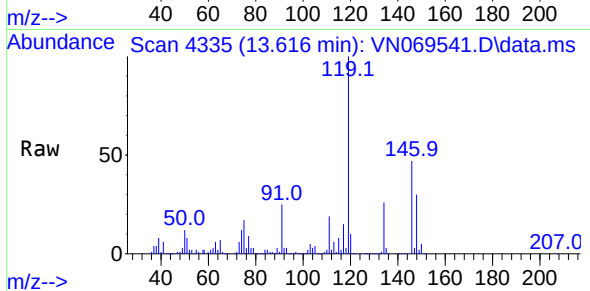
Tgt Ion:119 Resp: 2410658
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 52.702 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

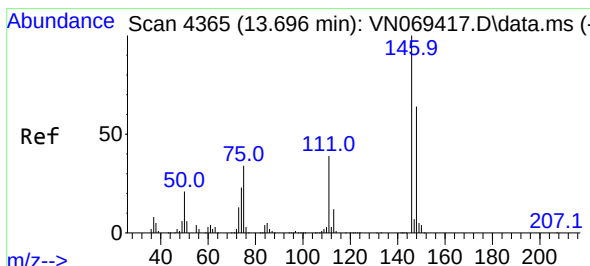
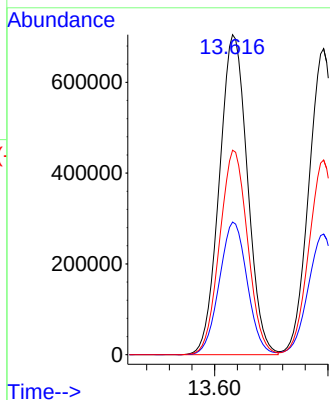
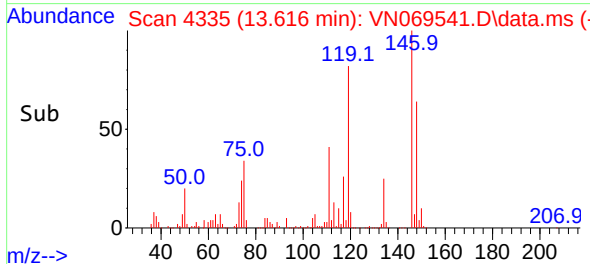
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



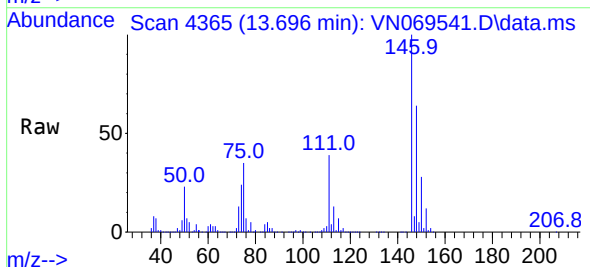
Tgt Ion:146 Resp: 1214015
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 63.7 31.6 95.0

Manual Integrations
APPROVED

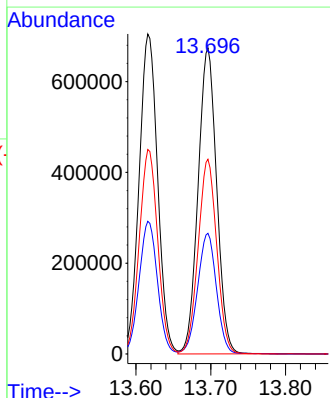
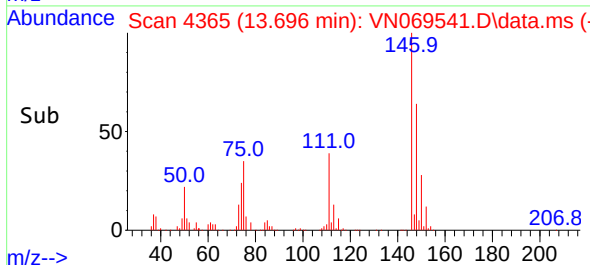
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

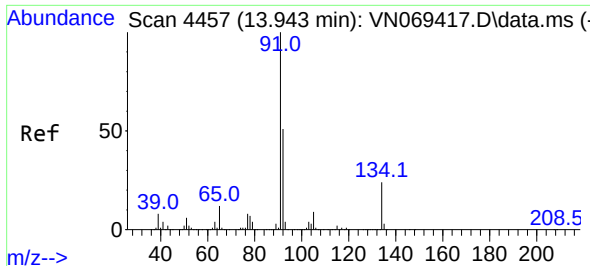


#88
1,4-Dichlorobenzene
Concen: 51.572 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



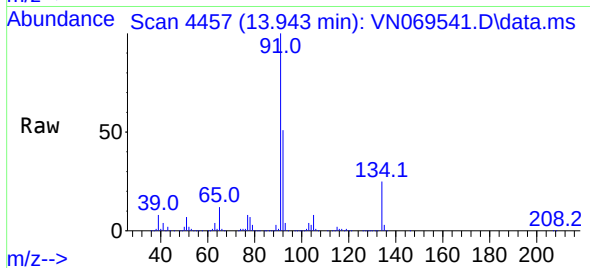
Tgt Ion:146 Resp: 1165439
Ion Ratio Lower Upper
146 100
111 39.7 18.3 54.8
148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 51.963 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

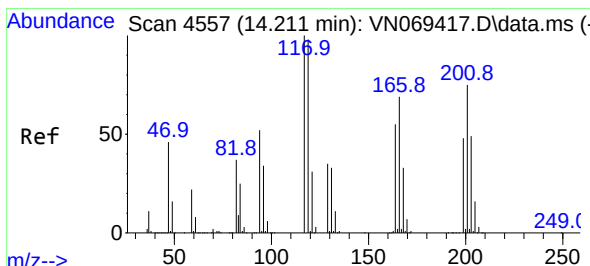
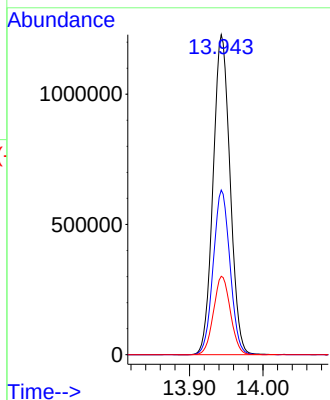
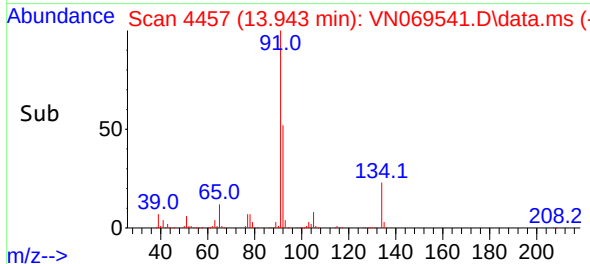
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1977725
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 24.4 13.6 40.8

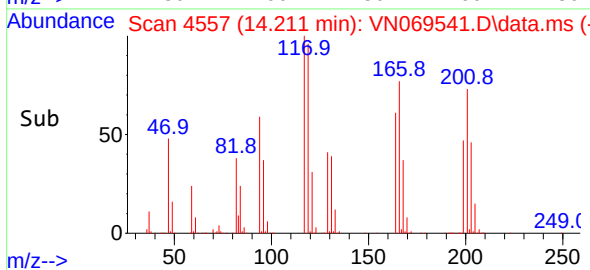
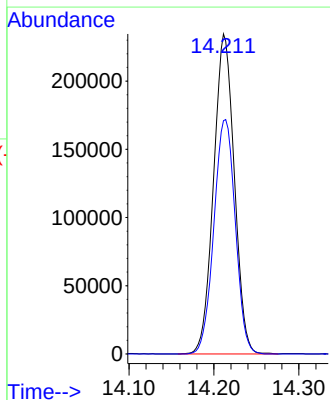
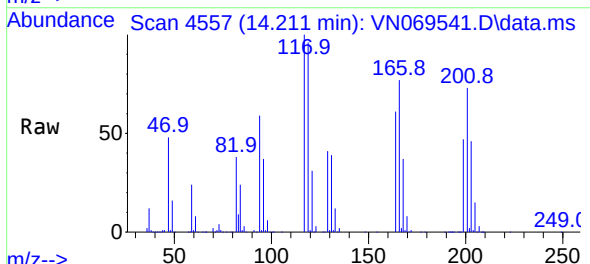
Manual Integrations
APPROVED

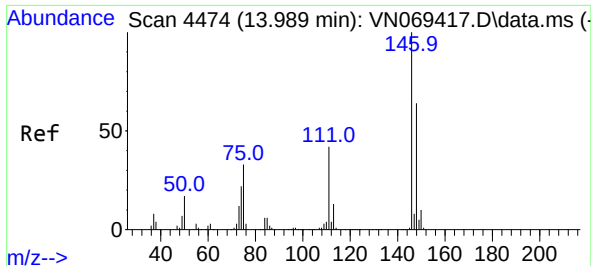
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 47.542 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

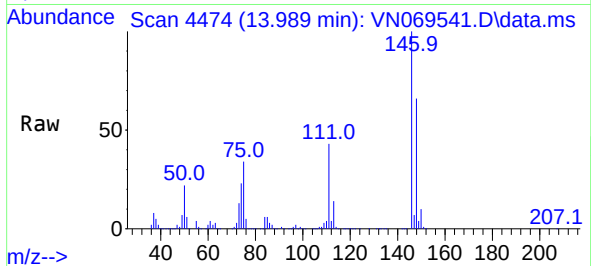
Tgt Ion:117 Resp: 397900
Ion Ratio Lower Upper
117 100
201 75.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 53.898 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

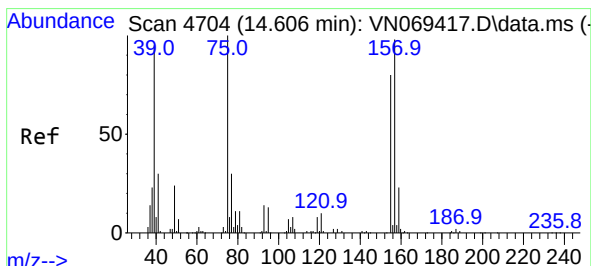
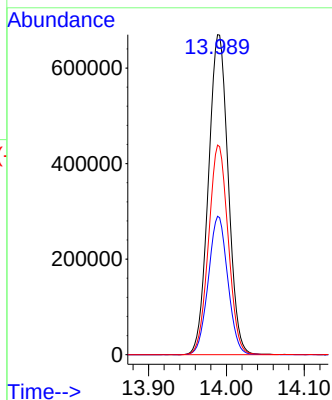
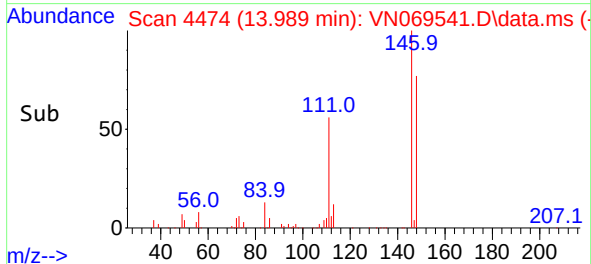
Instrument :
MSVOA_N
ClientSampleId :
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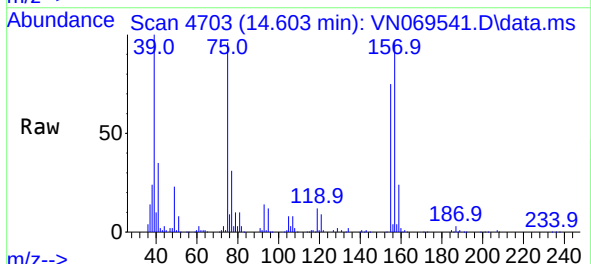
Tgt Ion:146 Resp: 1181420
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 65.0 32.1 96.3

Manual Integrations
APPROVED

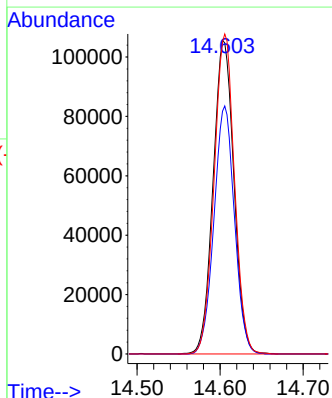
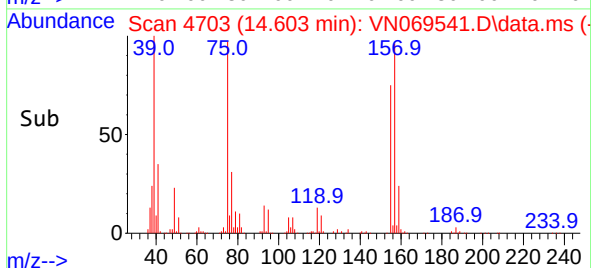
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

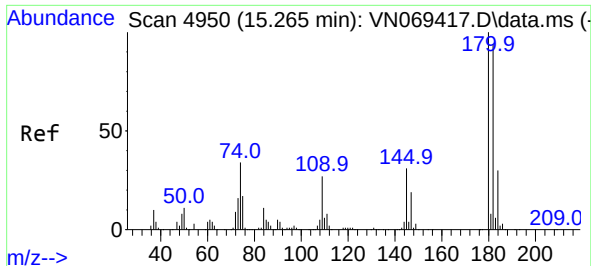


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.440 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



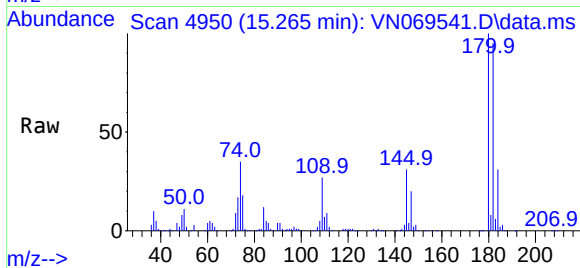
Tgt Ion: 75 Resp: 183811
Ion Ratio Lower Upper
75 100
155 78.0 46.9 140.7
157 100.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 46.518 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

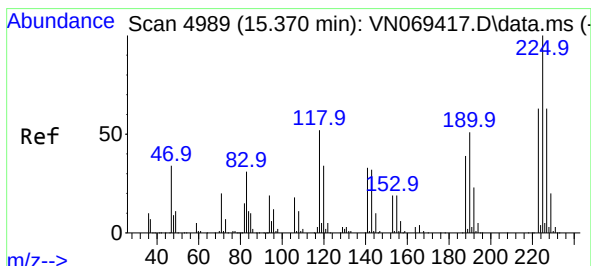
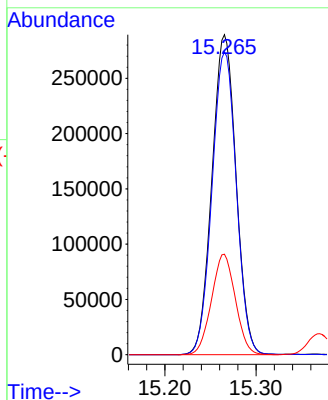
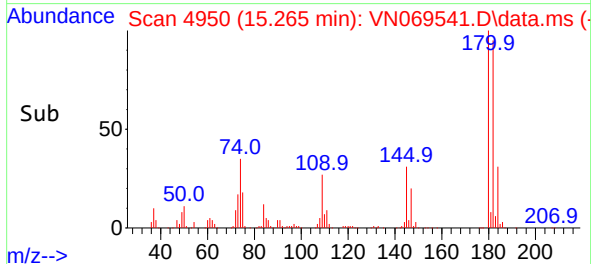
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



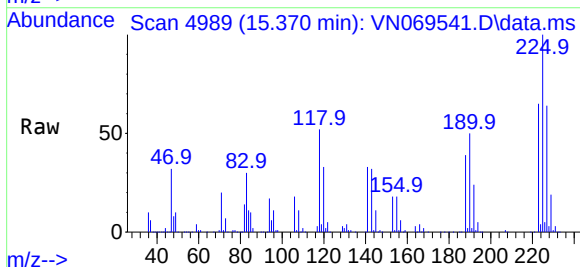
Tgt Ion:180 Resp: 531612
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.9
145 31.1 14.5 43.5

Manual Integrations
APPROVED

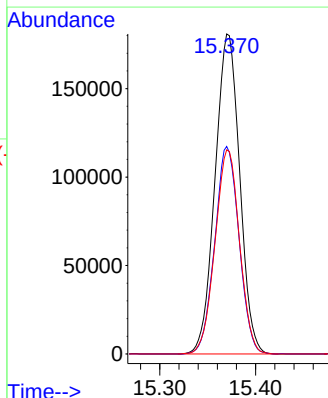
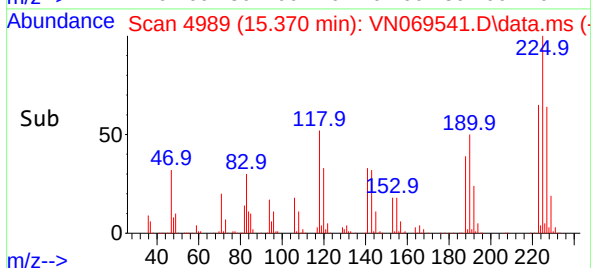
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

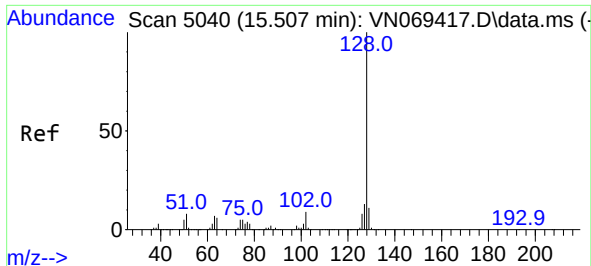


#94
Hexachlorobutadiene
Concen: 56.659 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



Tgt Ion:225 Resp: 322700
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 63.3 32.1 96.3





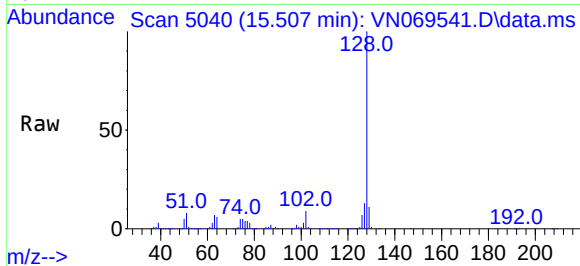
#95
Naphthalene
Concen: 46.505 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



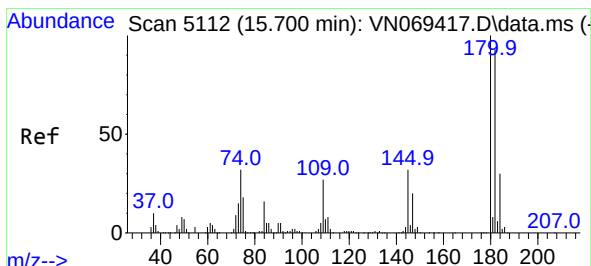
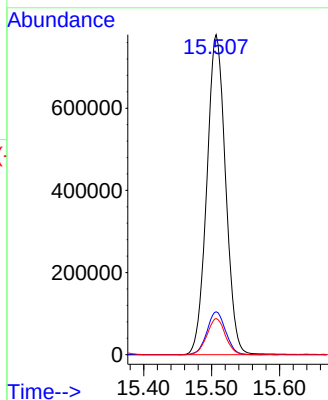
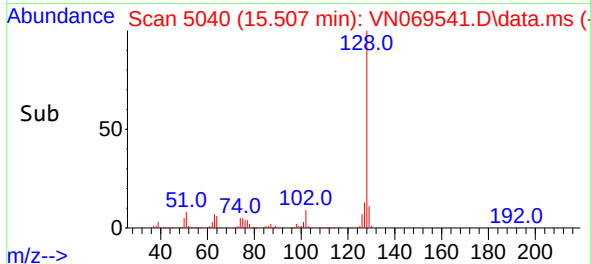
Tgt Ion:128 Resp: 1495288
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations

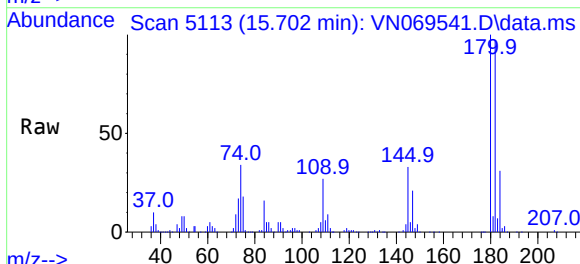
APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 48.269 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069541.D
Acq: 17 Nov 2021 20:01



Tgt Ion:180 Resp: 528831
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 33.3 15.0 45.1

