

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120221\
 Data File : VN069702.D
 Acq On : 2 Dec 2021 18:29
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: Dec 03 07:48:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 07:46:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1113521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1837681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1689076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	668493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	336660	20.085	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	40.180%#		
35) Dibromofluoromethane	8.024	113	230213	20.275	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	40.540%#		
50) Toluene-d8	10.443	98	908383	20.362	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	40.720%#		
62) 4-Bromofluorobenzene	12.731	95	304959	18.689	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	37.380%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	239502	19.507	ug/l	98
3) Chloromethane	2.303	50	276527	19.140	ug/l	98
4) Vinyl Chloride	2.445	62	259870	18.317	ug/l	100
5) Bromomethane	2.856	94	151202	16.689	ug/l	99
6) Chloroethane	3.019	64	157154	16.669	ug/l	93
7) Trichlorofluoromethane	3.373	101	343998	16.174	ug/l	99
8) Diethyl Ether	3.824	74	128838	18.016	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	189964	18.356	ug/l	95
10) Methyl Iodide	4.419	142	248353	18.731	ug/l	98
11) Tert butyl alcohol	5.388	59	268393	88.082	ug/l #	85
12) 1,1-Dichloroethene	4.175	96	181313	19.286	ug/l	89
13) Acrolein	4.044	56	258743	276.188	ug/l	99
14) Allyl chloride	4.843	41	388510	18.593	ug/l	94
15) Acrylonitrile	5.562	53	733368	94.090	ug/l	99
16) Acetone	4.291	43	947367	103.710	ug/l	96
17) Carbon Disulfide	4.527	76	435701	19.136	ug/l	98
18) Methyl Acetate	4.862	43	508800	17.415	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	695724	17.738	ug/l	98
20) Methylene Chloride	5.093	84	224283	17.596	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	192794	18.407	ug/l	86
22) Diisopropyl ether	6.501	45	795866	17.967	ug/l	97
23) Vinyl Acetate	6.436	43	3220054	92.885	ug/l	95
24) 1,1-Dichloroethane	6.388	63	406943	17.991	ug/l	98
25) 2-Butanone	7.340	43	1202881	97.178	ug/l	92
26) 2,2-Dichloropropane	7.324	77	305343	17.436	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	231240	17.914	ug/l	87
28) Bromochloromethane	7.662	49	248780	21.361	ug/l #	79
29) Tetrahydrofuran	7.689	42	740544	97.847	ug/l	89
30) Chloroform	7.820	83	415353	18.002	ug/l	100
31) Cyclohexane	8.096	56	409803	17.863	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	348523	18.027	ug/l	96
36) 1,1-Dichloropropene	8.222	75	301059	18.873	ug/l	96
37) Ethyl Acetate	7.418	43	448168	20.451	ug/l #	94
38) Carbon Tetrachloride	8.206	117	290371	18.813	ug/l	98
39) Methylcyclohexane	9.461	83	357228	18.164	ug/l	91
40) Benzene	8.461	78	920619	18.711	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	201325	17.793	ug/l	92
42) 1,2-Dichloroethane	8.531	62	374500	19.344	ug/l	95
43) Isopropyl Acetate	8.563	43	657043	18.913	ug/l #	93
44) Trichloroethene	9.217	130	219897	18.659	ug/l	93
45) 1,2-Dichloropropane	9.491	63	244052	18.610	ug/l	99
46) Dibromomethane	9.577	93	161110	18.367	ug/l	93
47) Bromodichloromethane	9.762	83	301912	18.443	ug/l	98
48) Methyl methacrylate	9.561	41	302231	18.639	ug/l	89
49) 1,4-Dioxane	9.571	88	108104	370.799	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	2209610	98.201	ug/l	95
52) Toluene	10.507	92	568036	18.644	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	306022	17.815	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	336968	17.976	ug/l #	86
55) 1,1,2-Trichloroethane	10.899	97	225482	18.388	ug/l	99
56) Ethyl methacrylate	10.762	69	369436	18.053	ug/l #	86
57) 1,3-Dichloropropane	11.047	76	397991	18.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	493712	101.684	ug/l	92
59) 2-Hexanone	11.087	43	1631258	97.138	ug/l	92
60) Dibromochloromethane	11.240	129	206627	17.922	ug/l	100
61) 1,2-Dibromoethane	11.347	107	229818	18.438	ug/l	100
64) Tetrachloroethene	10.979	164	201211	19.106	ug/l	95
65) Chlorobenzene	11.771	112	586873	18.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	209281	18.659	ug/l	100
67) Ethyl Benzene	11.846	91	1085217	18.222	ug/l	97
68) m/p-Xylenes	11.956	106	794390	36.409	ug/l	93
69) o-Xylene	12.283	106	395476	18.166	ug/l	93
70) Styrene	12.296	104	615251	17.584	ug/l	95
71) Bromoform	12.460	173	146275	18.113	ug/l #	99
73) Isopropylbenzene	12.581	105	1019112	18.627	ug/l	99
74) N-amyl acetate	12.390	43	423496	18.092	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	358146	19.316	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	322067m	18.619	ug/l	
77) Bromobenzene	12.862	156	232530	18.504	ug/l	78
78) n-propylbenzene	12.921	91	1127492	18.309	ug/l	96
79) 2-Chlorotoluene	13.010	91	707587	18.513	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	838328	18.935	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	78625	16.174	ug/l	86
82) 4-Chlorotoluene	13.106	91	661039	18.163	ug/l	93
83) tert-Butylbenzene	13.326	119	720544	18.583	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	795278	18.626	ug/l	97
85) sec-Butylbenzene	13.503	105	978011	18.116	ug/l	98
86) p-Isopropyltoluene	13.619	119	765819	17.918	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	385634	17.870	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	371208	17.570	ug/l	96
89) n-Butylbenzene	13.946	91	576698	16.260	ug/l	98
90) Hexachloroethane	14.214	117	125176	17.640	ug/l	88
91) 1,2-Dichlorobenzene	13.991	146	380590	18.497	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	61734	20.280	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	155561	17.255	ug/l	96
94) Hexachlorobutadiene	15.373	225	101350	18.901	ug/l	99
95) Naphthalene	15.507	128	409376	16.643	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	155029	17.817	ug/l	98

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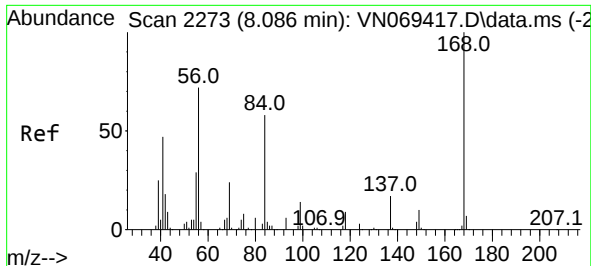
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Dec 03 07:46:09 2021
Response via : Initial Calibration

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



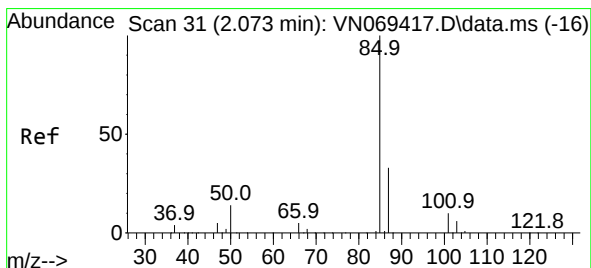
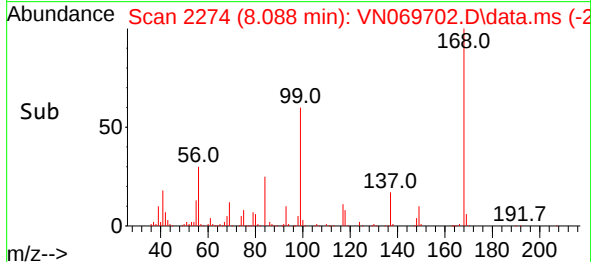
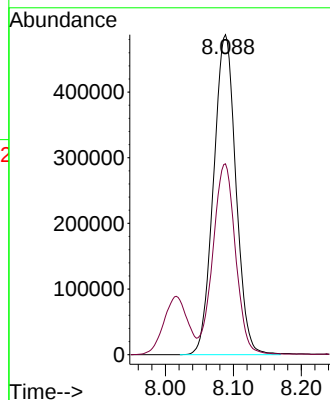
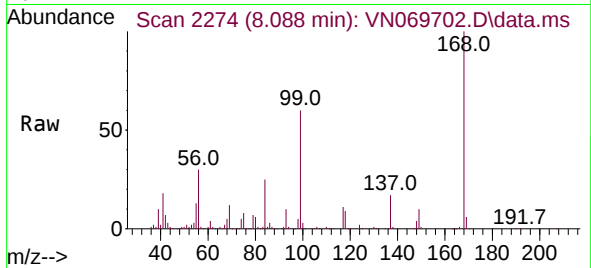
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069702.D
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Tgt Ion:168 Resp: 111352
Ion Ratio Lower Upper
168 100
99 59.4 41.3 61.9

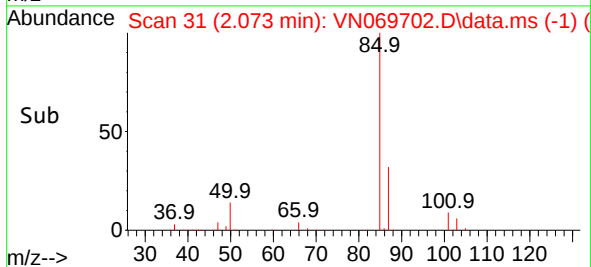
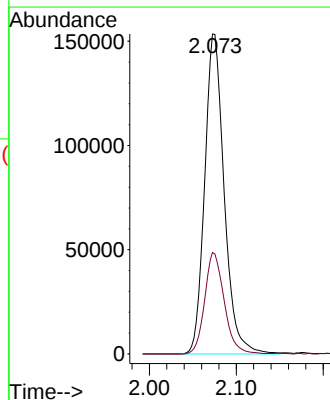
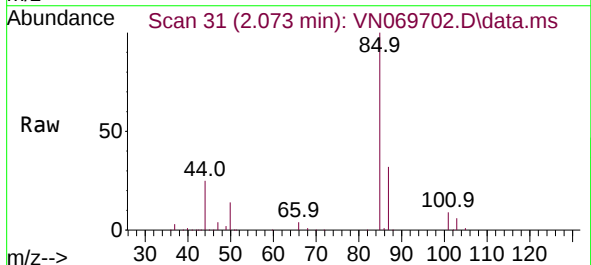
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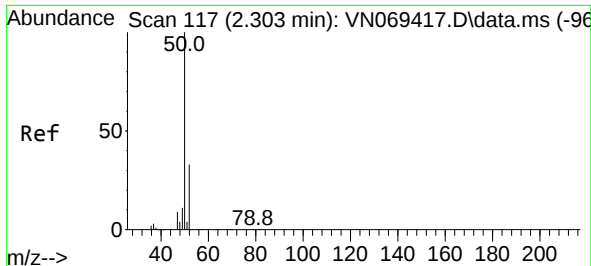
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#2
Dichlorodifluoromethane
Concen: 19.507 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Tgt Ion: 85 Resp: 239502
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





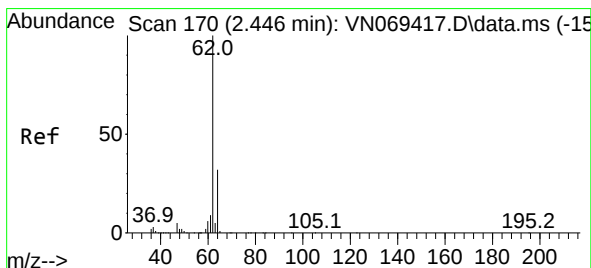
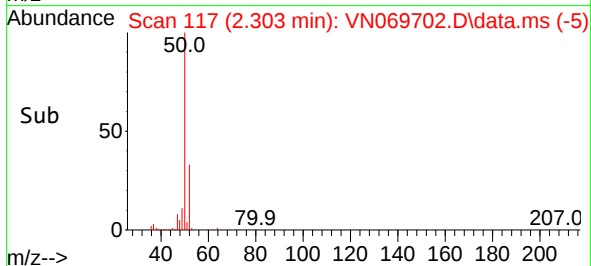
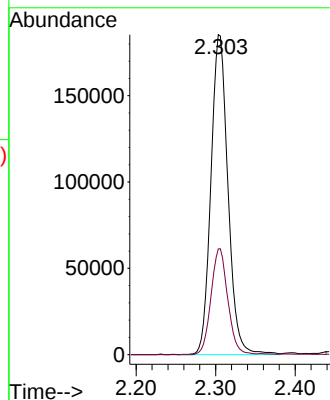
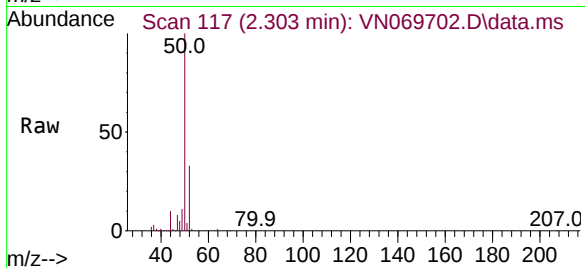
#3
Chloromethane
Concen: 19.140 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

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Tgt Ion: 50 Resp: 27652
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.0

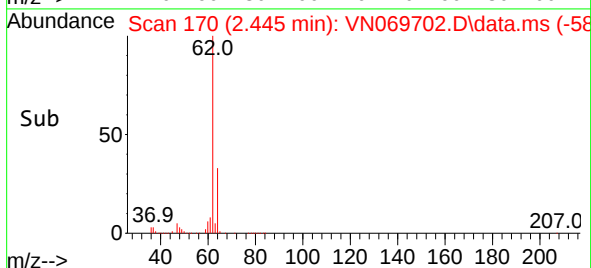
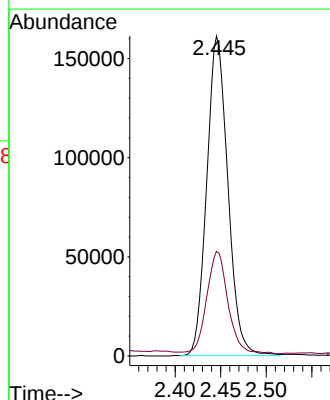
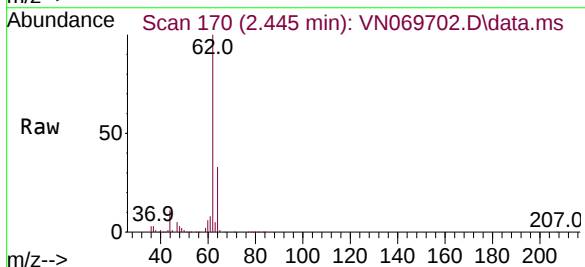
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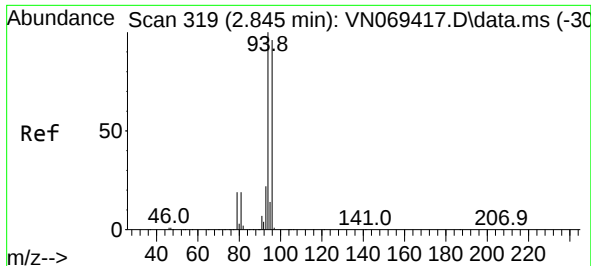
Reviewed By :John Carlone 12/03/2021
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#4
Vinyl Chloride
Concen: 18.317 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Tgt Ion: 62 Resp: 259870
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





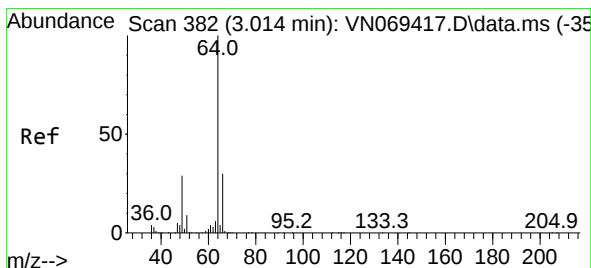
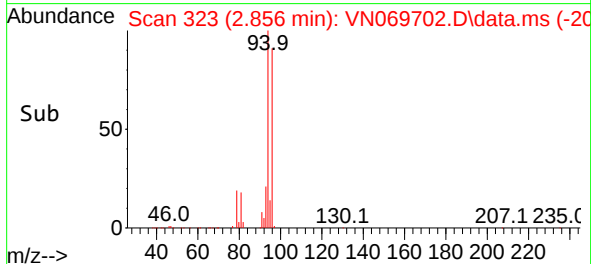
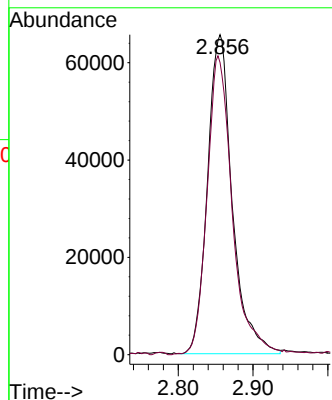
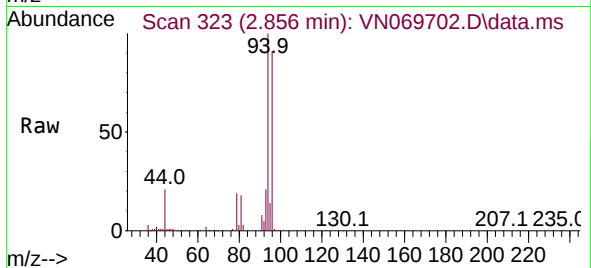
#5
Bromomethane
Concen: 16.689 ug/l
RT: 2.856 min Scan# 319
Delta R.T. 0.019 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

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Tgt Ion: 94 Resp: 15120
Ion Ratio Lower Upper
94 100
96 91.1 73.8 110.8

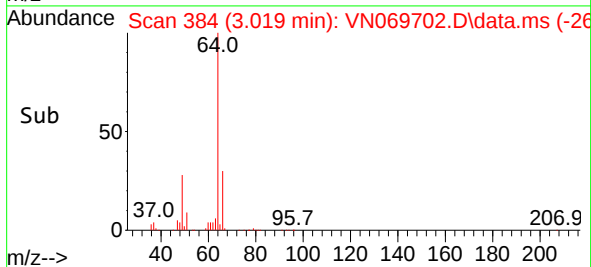
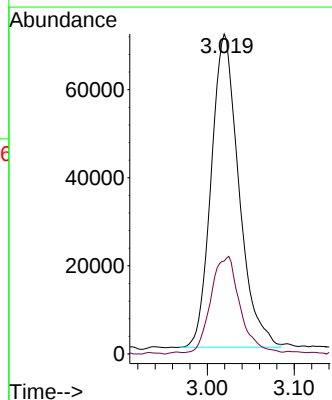
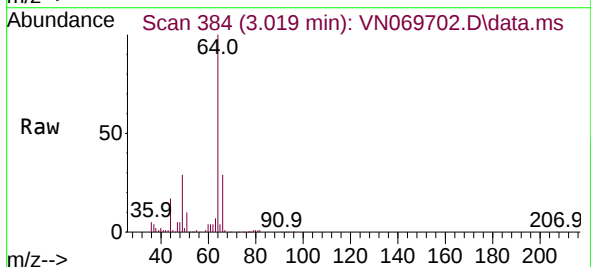
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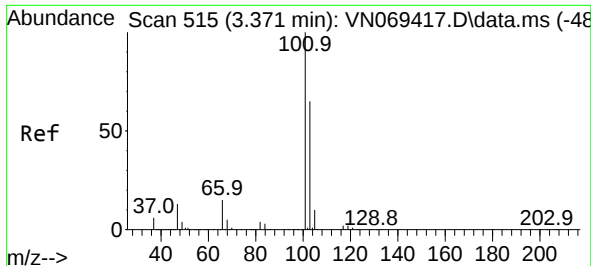
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#6
Chloroethane
Concen: 16.669 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

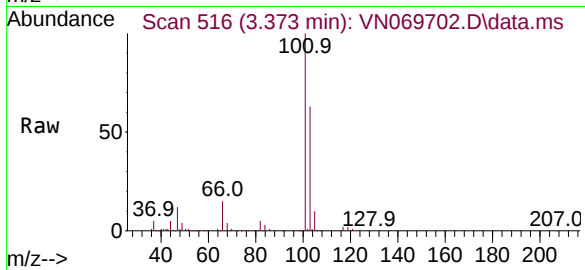
Tgt Ion: 64 Resp: 157154
Ion Ratio Lower Upper
64 100
66 29.2 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 16.174 ug/l
 RT: 3.373 min Scan# 515
 Delta R.T. 0.005 min
 Lab File: VN069702.D
 Acq: 2 Dec 2021 18:29

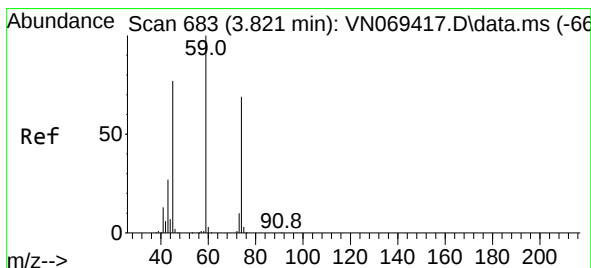
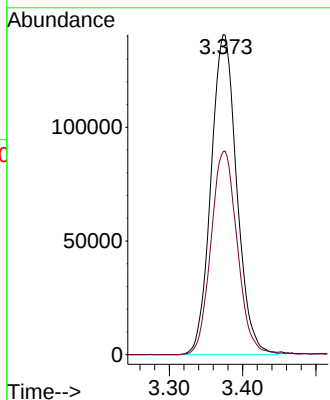
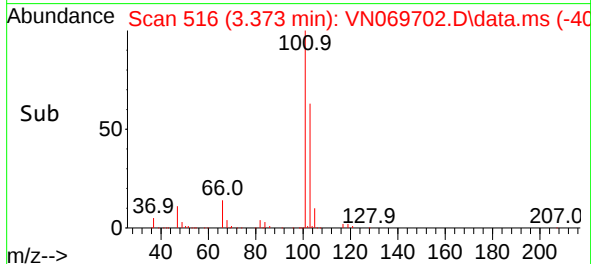
Instrument :
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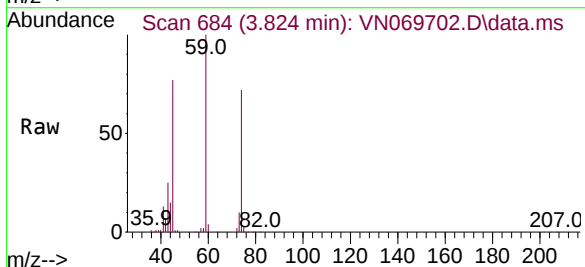
Tgt Ion:101 Resp: 343998
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.1 75.1

Manual Integrations
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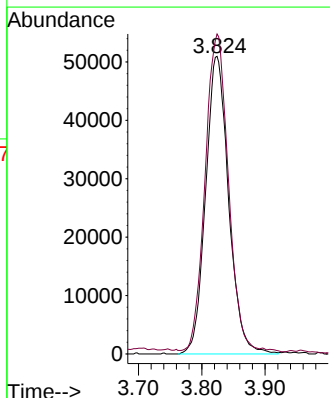
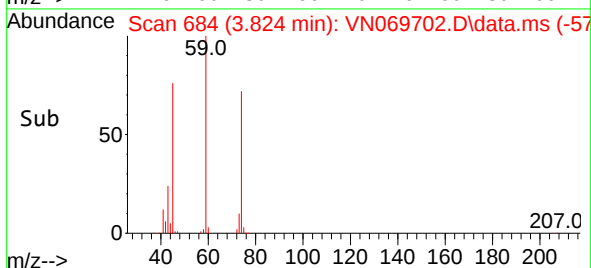
Reviewed By :John Carlone 12/03/2021
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#8
 Diethyl Ether
 Concen: 18.016 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 128838
 Ion Ratio Lower Upper
 74 100
 45 106.2 47.0 141.2





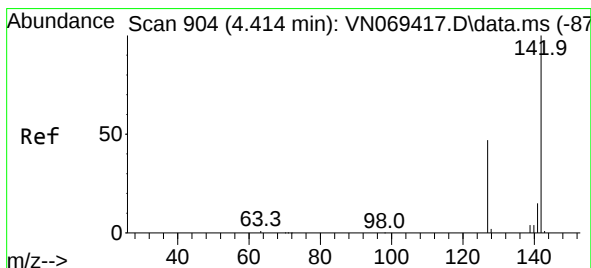
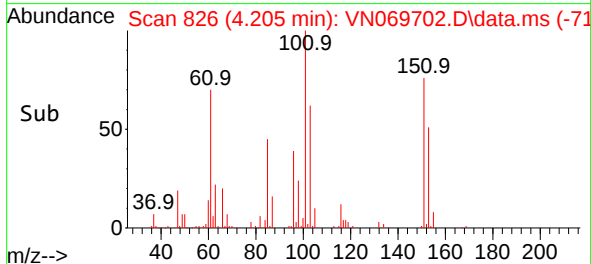
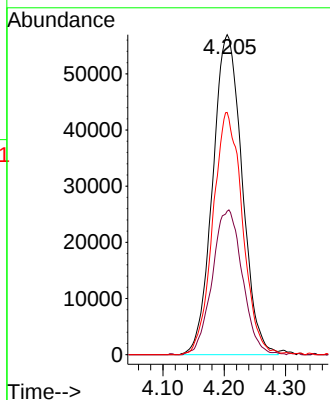
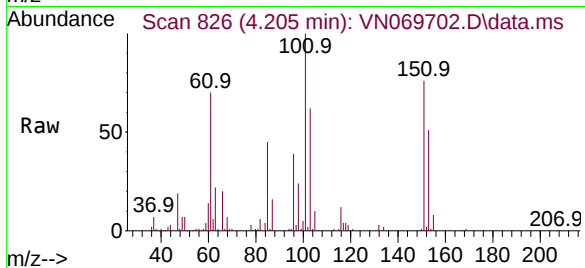
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1,1,2-Trichlorotrifluoroethane
Concen: 18.356 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069702.D
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Tgt Ion:101 Resp: 189964
Ion Ratio Lower Upper
101 100
85 46.3 37.2 55.8
151 76.1 65.9 98.9

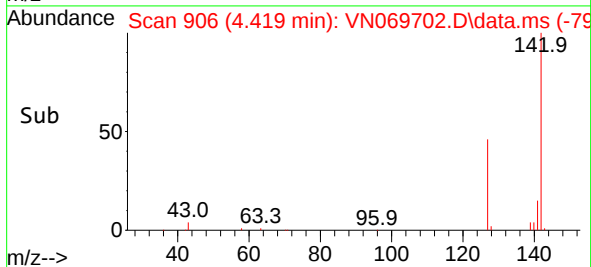
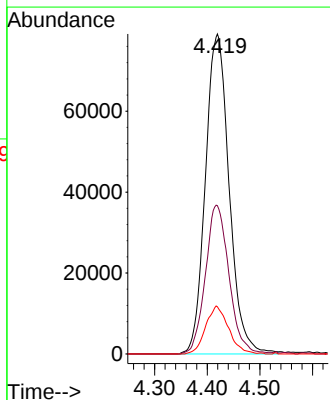
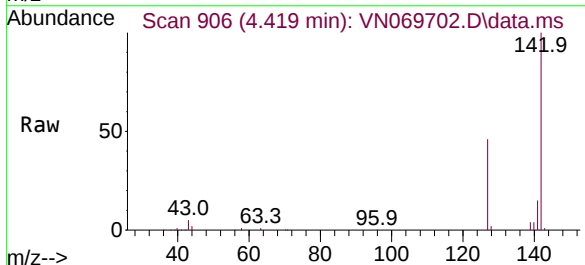
Manual Integrations
APPROVED

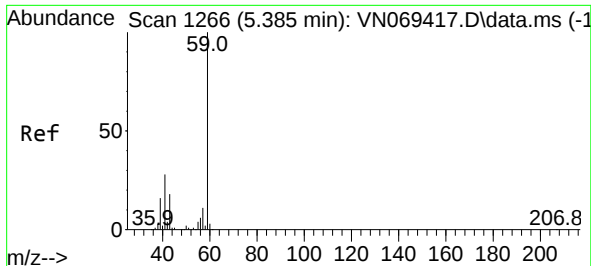
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 18.731 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

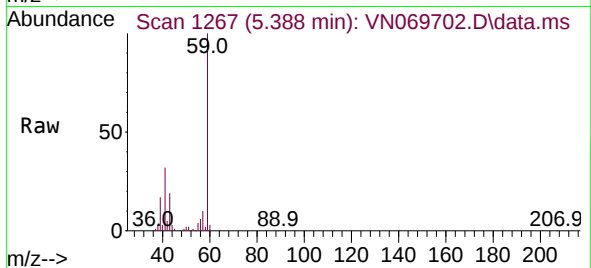
Tgt Ion:142 Resp: 248353
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 88.082 ug/l
RT: 5.388 min Scan# 1266
Delta R.T. -0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

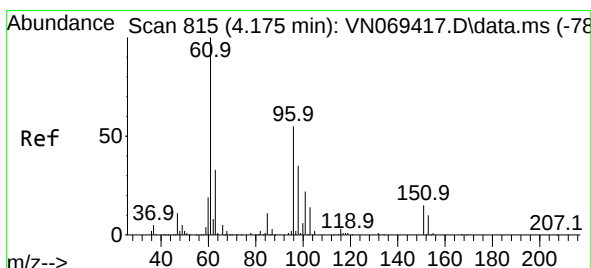
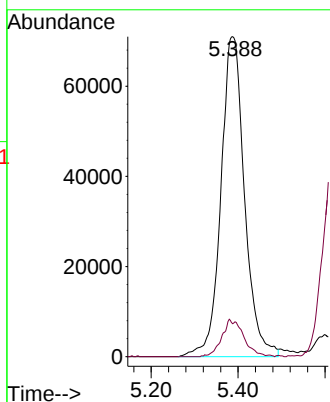
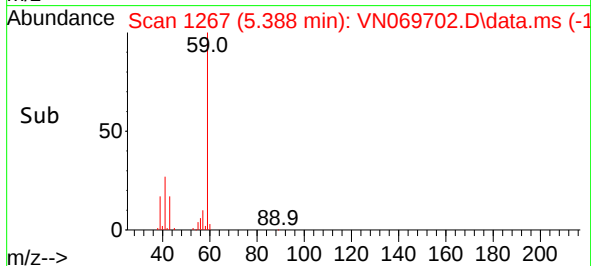
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



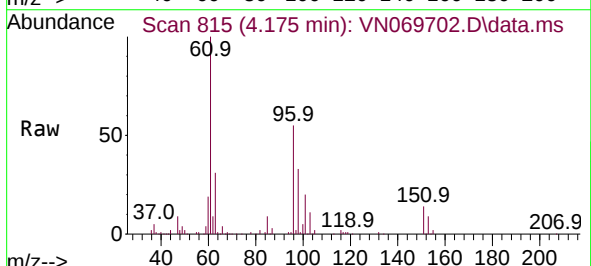
Tgt Ion: 59 Resp: 26839
Ion Ratio Lower Upper
59 100
57 5.4 8.7 13.1

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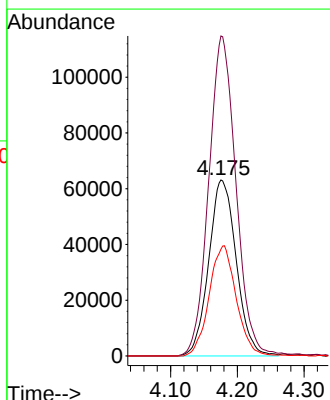
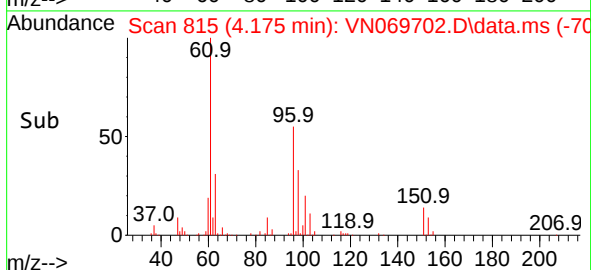
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#12
1,1-Dichloroethene
Concen: 19.286 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



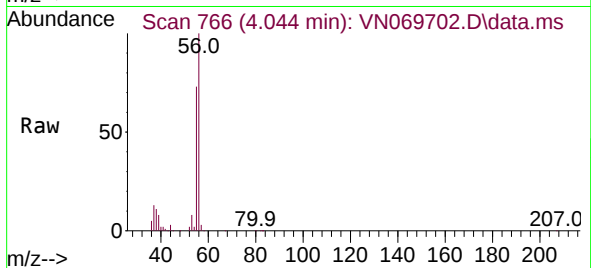
Tgt Ion: 96 Resp: 181313
Ion Ratio Lower Upper
96 100
61 181.8 131.0 196.6
98 60.6 52.4 78.6





#13
Acrolein
Concen: 276.188 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.005 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

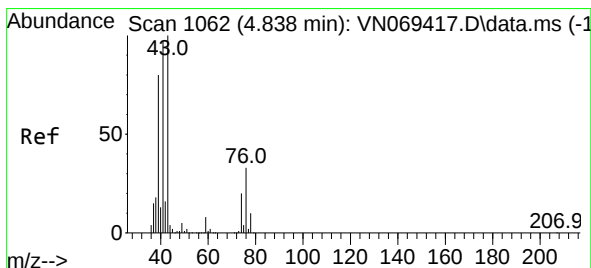
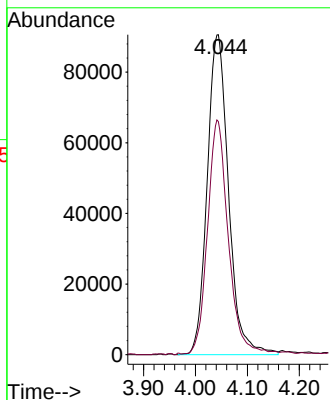
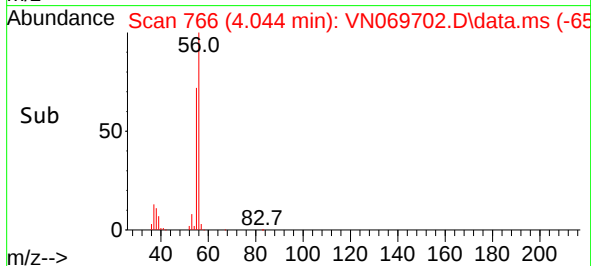
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



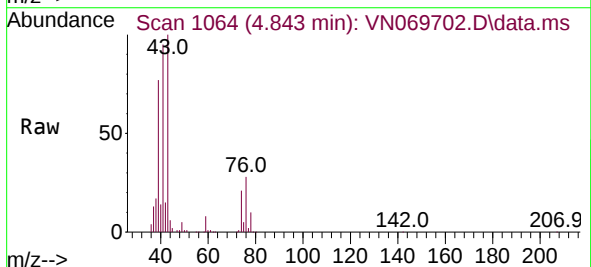
Tgt Ion: 56 Resp: 25874
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0

Manual Integrations
APPROVED

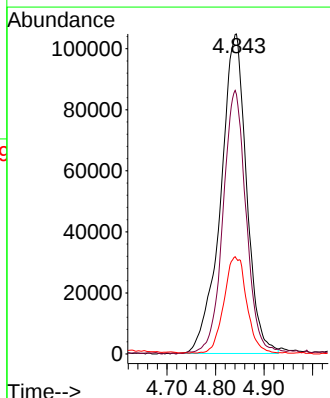
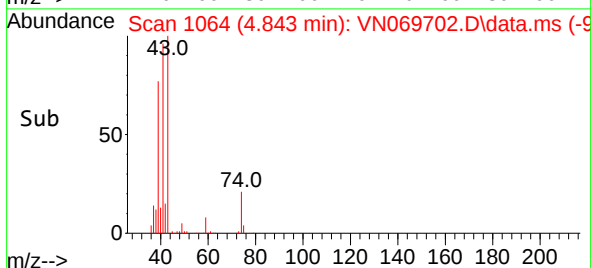
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

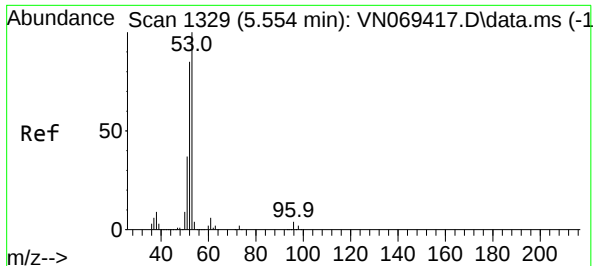


#14
Allyl chloride
Concen: 18.593 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



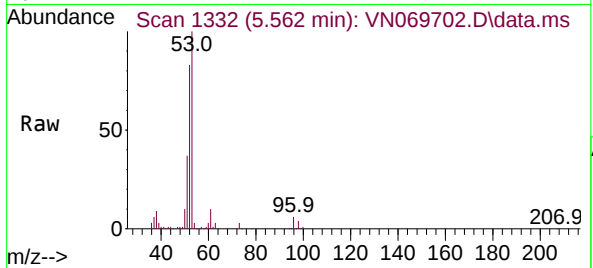
Tgt Ion: 41 Resp: 388510
Ion Ratio Lower Upper
41 100
39 73.5 61.2 91.8
76 26.4 26.0 39.0





#15
Acrylonitrile
Concen: 94.090 ug/l
RT: 5.562 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

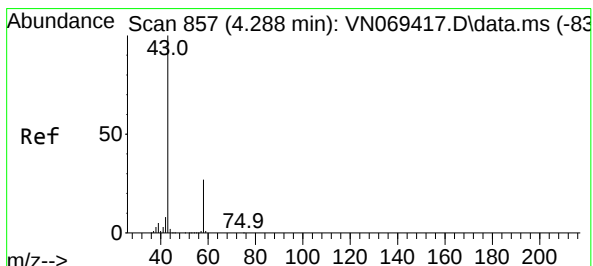
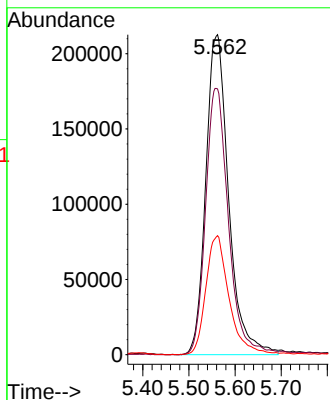
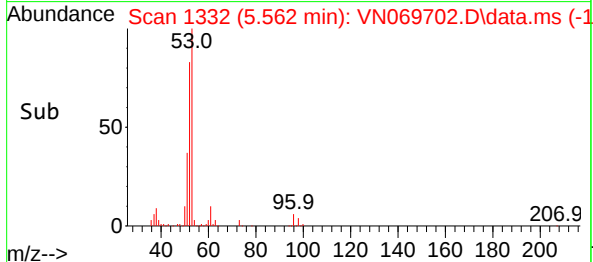
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 733368
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 37.6 29.6 44.4

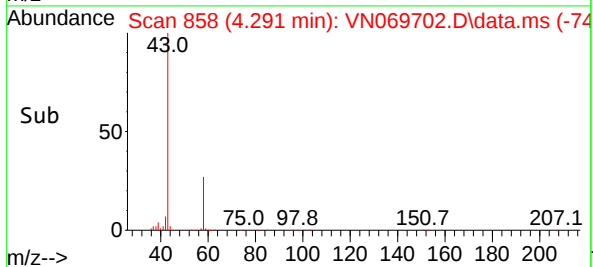
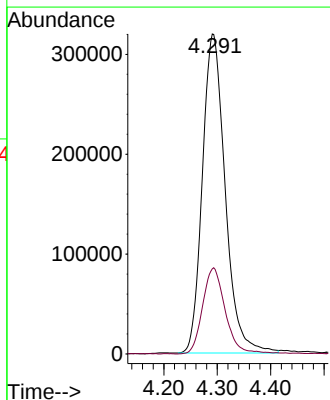
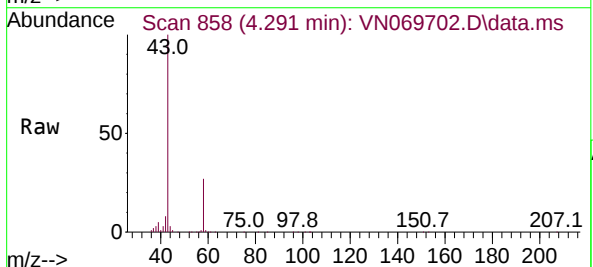
Manual Integrations
APPROVED

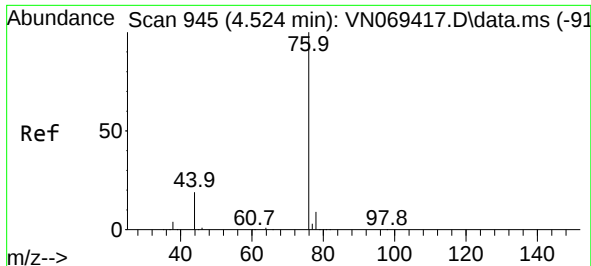
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 103.710 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

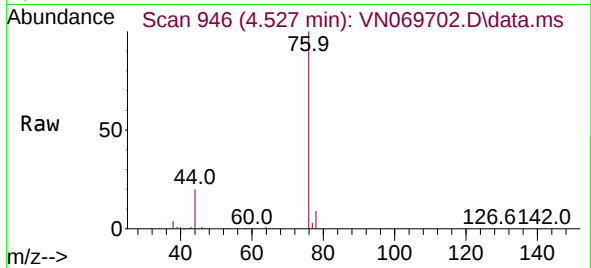
Tgt Ion: 43 Resp: 947367
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





#17
Carbon Disulfide
Concen: 19.136 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

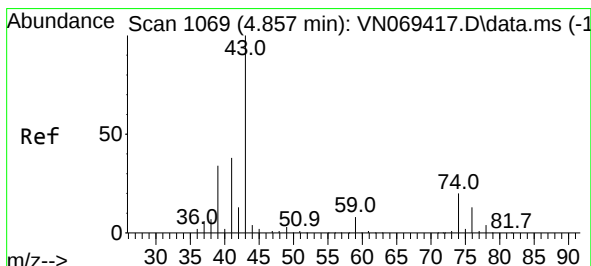
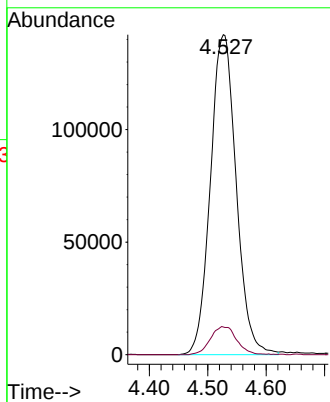
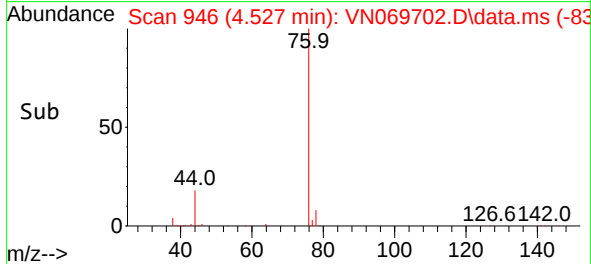
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



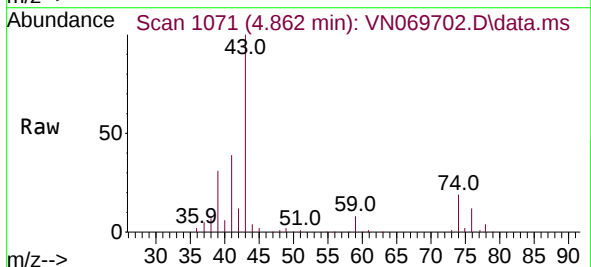
Tgt Ion: 76 Resp: 43570
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

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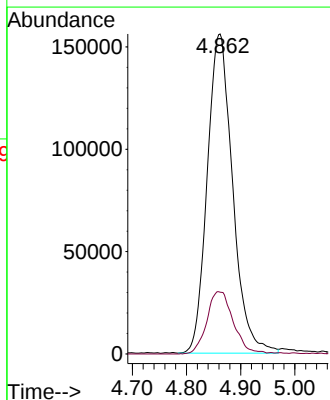
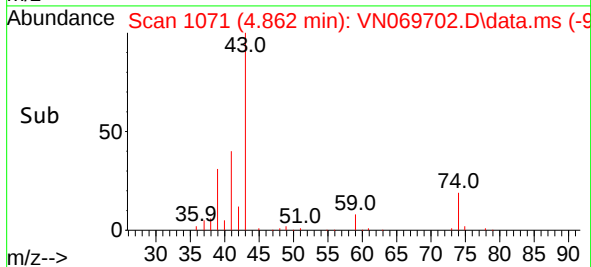
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

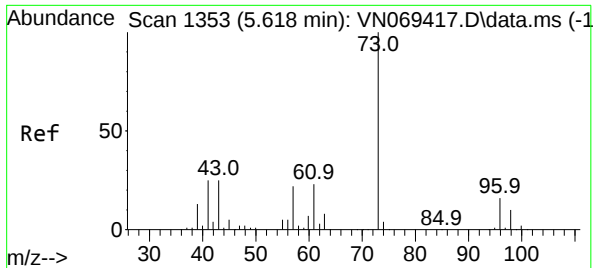


#18
Methyl Acetate
Concen: 17.415 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



Tgt Ion: 43 Resp: 508800
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 17.738 ug/l

RT: 5.621 min Scan# 11354

Delta R.T. 0.003 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 695724

Ion Ratio Lower Upper

73 100

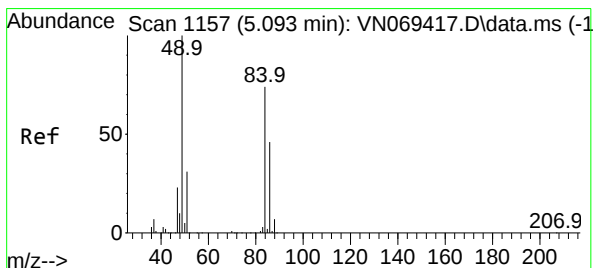
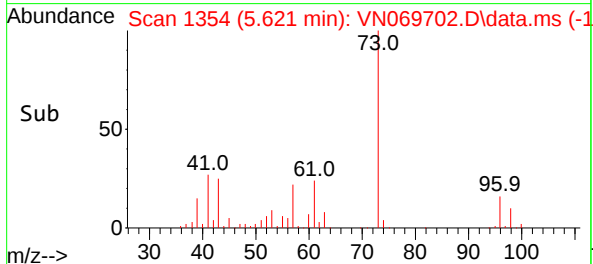
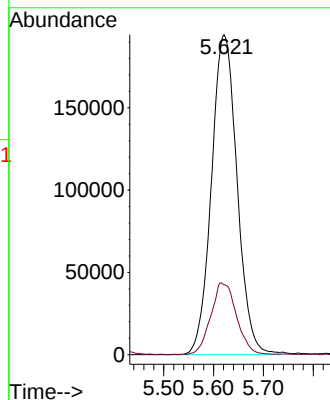
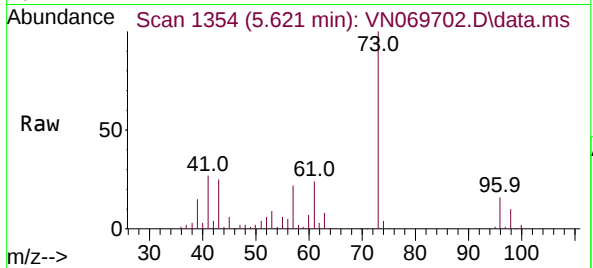
57 21.8 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#20

Methylene Chloride

Concen: 17.596 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Tgt Ion: 84 Resp: 224283

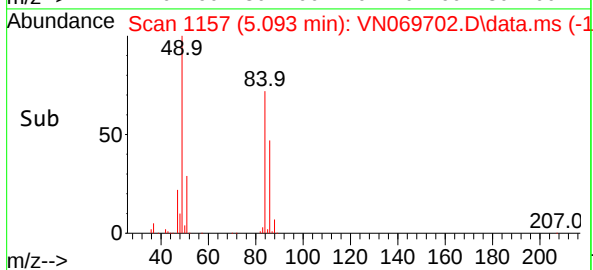
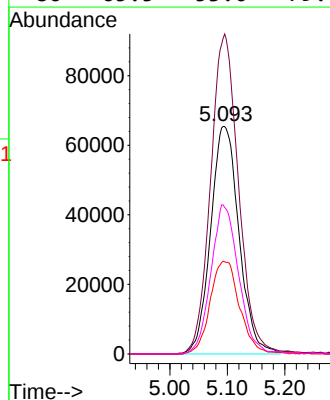
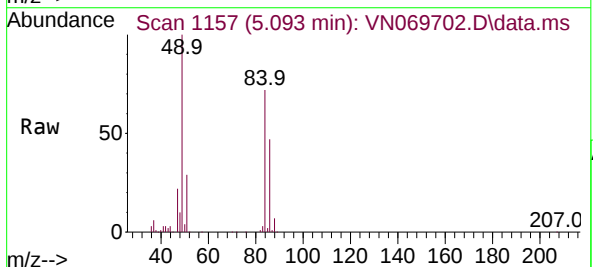
Ion Ratio Lower Upper

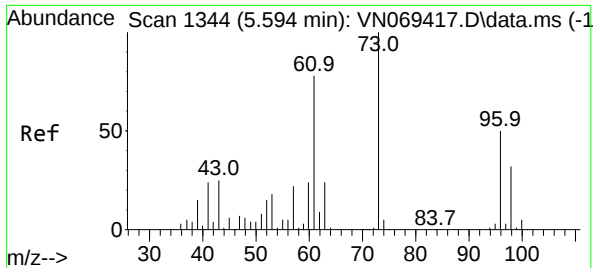
84 100

49 138.2 93.5 140.3

51 40.8 29.4 44.2

86 65.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.407 ug/l

RT: 5.594 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 192794

Ion Ratio Lower Upper

96 100

61 155.4 105.8 158.6

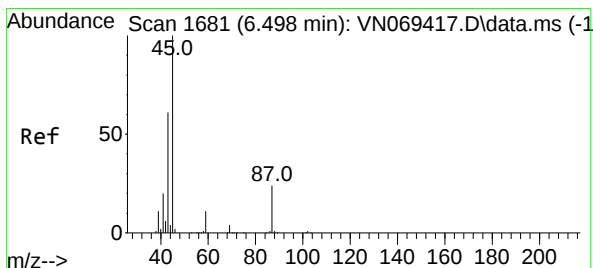
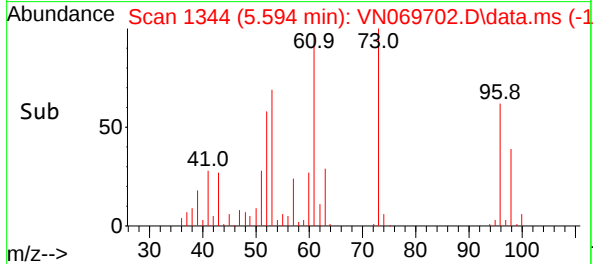
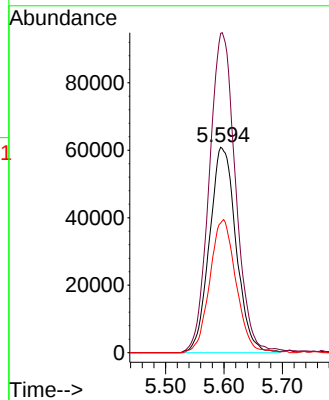
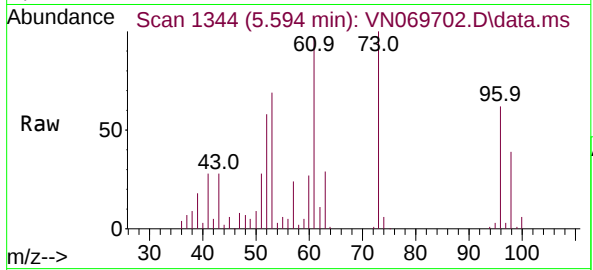
98 63.1 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#22

Diisopropyl ether

Concen: 17.967 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.003 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Tgt Ion: 45 Resp: 795866

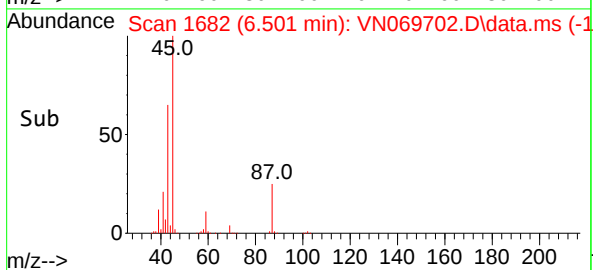
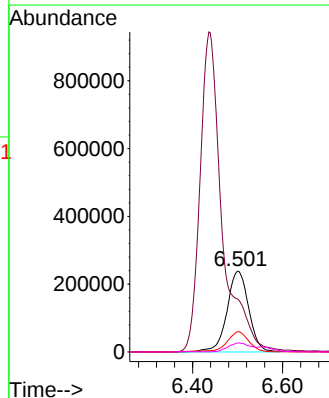
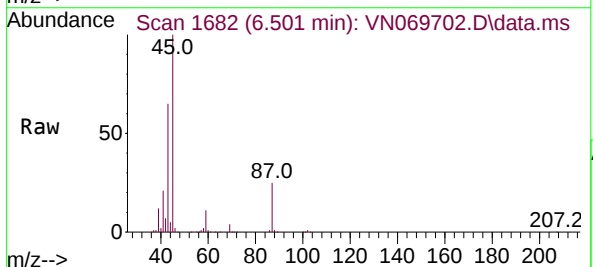
Ion Ratio Lower Upper

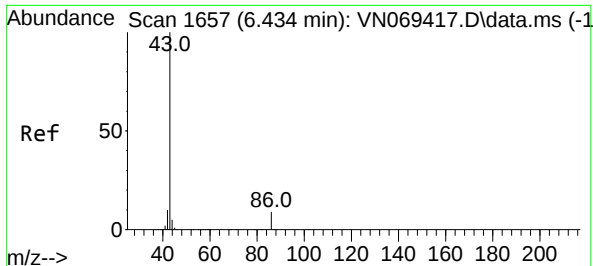
45 100

43 64.3 51.7 77.5

87 24.9 23.2 34.8

59 10.8 9.4 14.0





#23

Vinyl Acetate

Concen: 92.885 ug/l

RT: 6.436 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 3220054

Ion Ratio Lower Upper

43 100

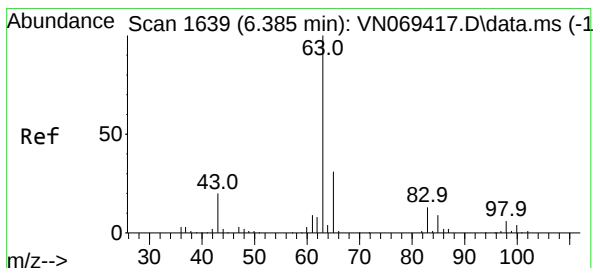
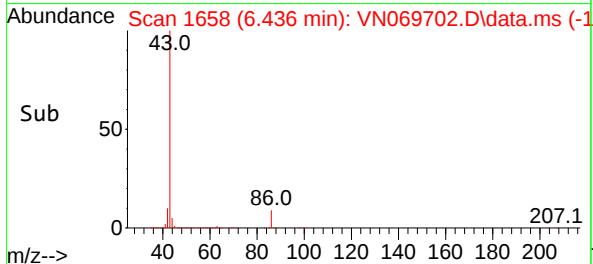
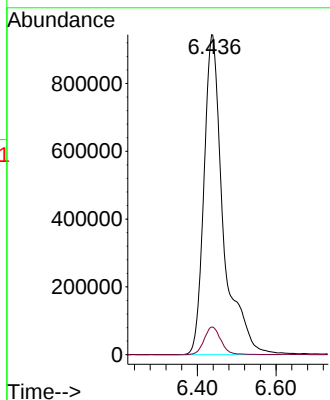
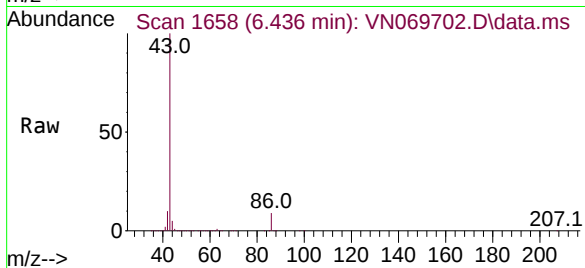
86 8.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#24

1,1-Dichloroethane

Concen: 17.991 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

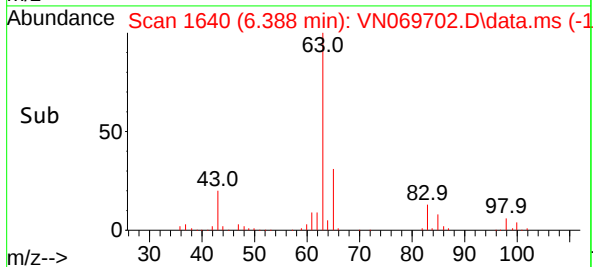
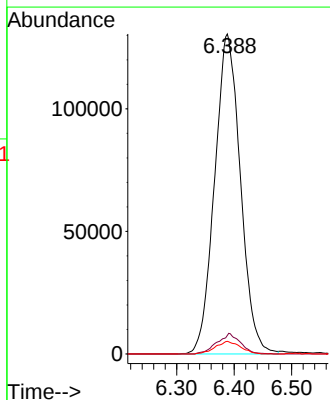
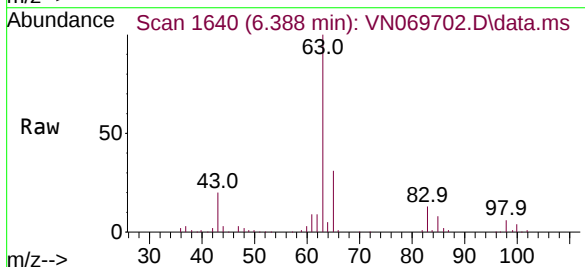
Tgt Ion: 63 Resp: 406943

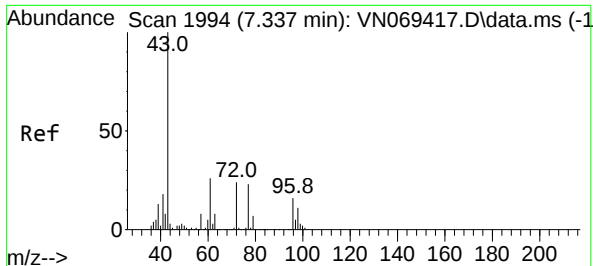
Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.9

100 4.0 2.1 6.5





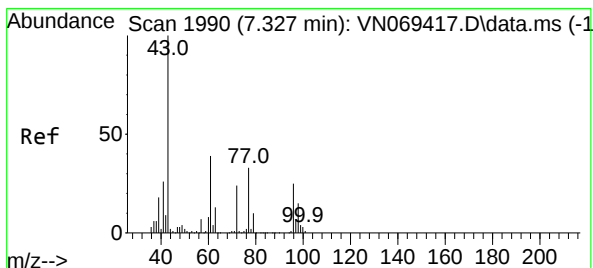
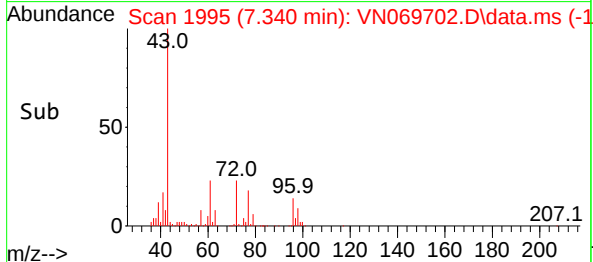
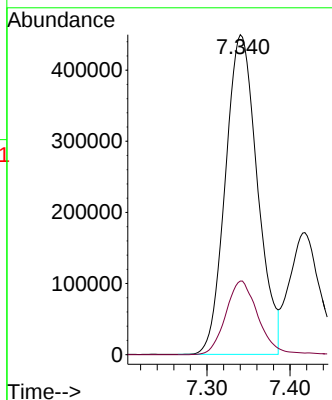
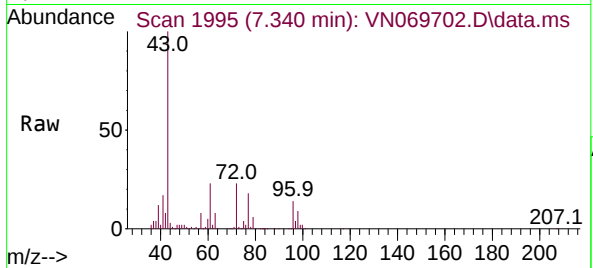
#25
2-Butanone
Concen: 97.178 ug/l
RT: 7.340 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 120288
Ion Ratio Lower Upper
43 100
72 23.0 21.7 32.5

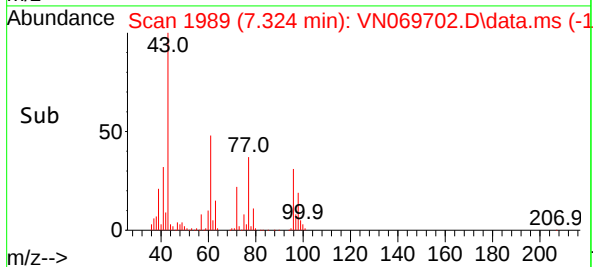
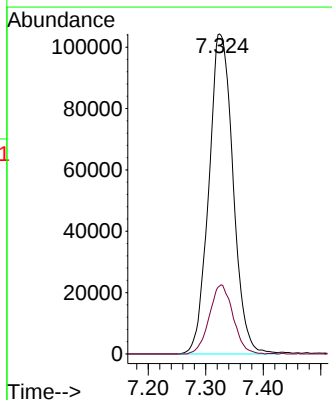
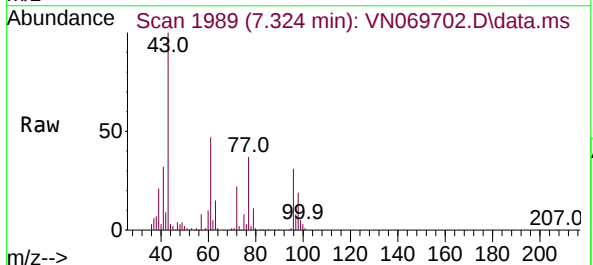
Manual Integrations
APPROVED

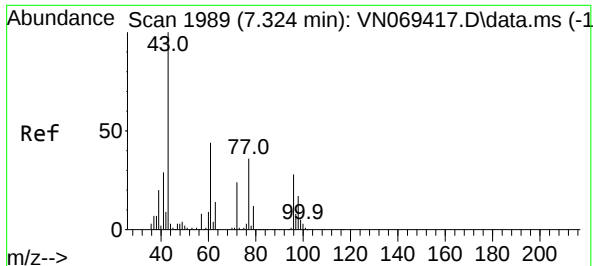
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#26
2,2-Dichloropropane
Concen: 17.436 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Tgt Ion: 77 Resp: 305343
Ion Ratio Lower Upper
77 100
97 21.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 17.914 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 231240

Ion Ratio Lower Upper

96 100

61 159.7 0.0 275.0

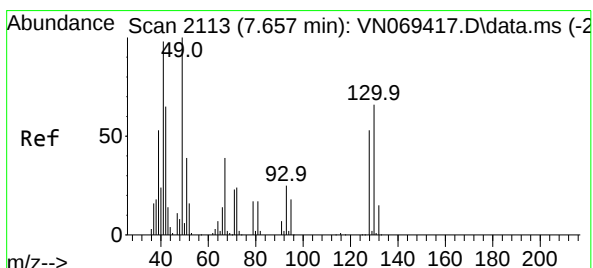
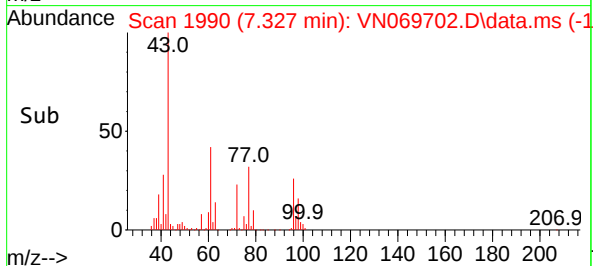
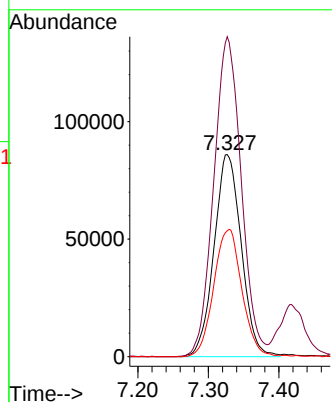
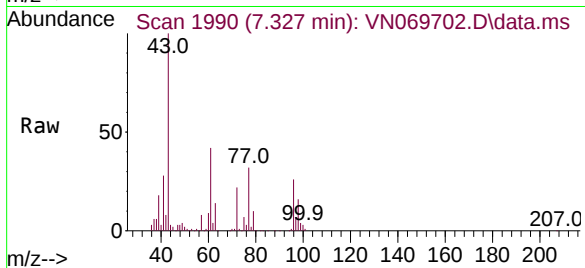
98 64.8 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#28

Bromochloromethane

Concen: 21.361 ug/l

RT: 7.662 min Scan# 2115

Delta R.T. 0.005 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

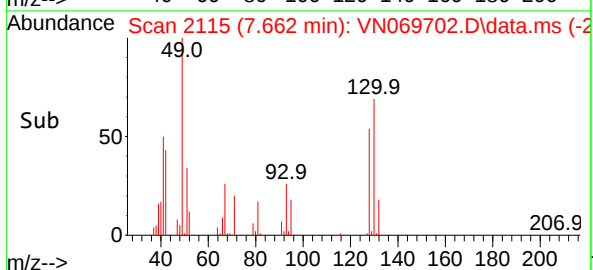
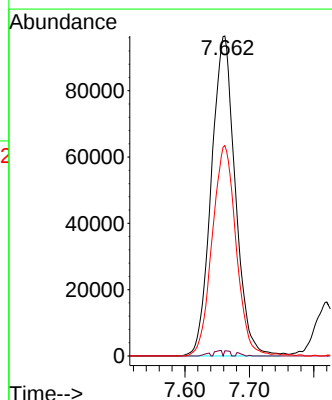
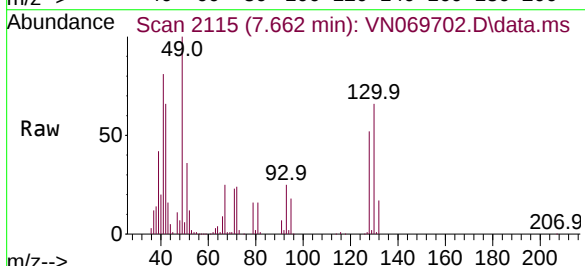
Tgt Ion: 49 Resp: 248780

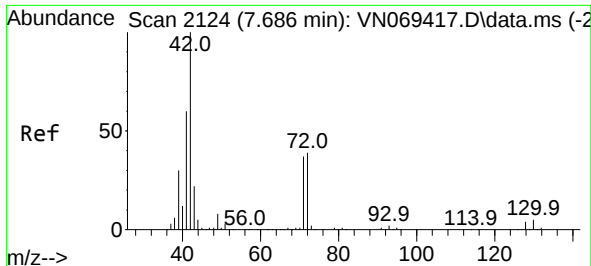
Ion Ratio Lower Upper

49 100

129 0.4 0.0 4.0

130 65.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 97.847 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Instrument :

MSVOA_N

ClientSampleId :

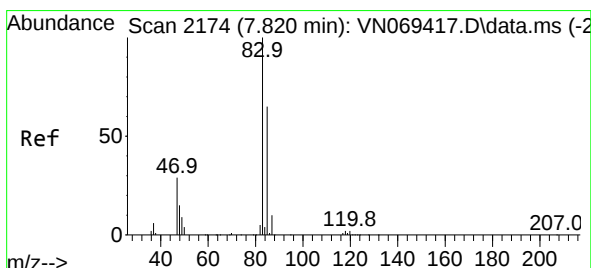
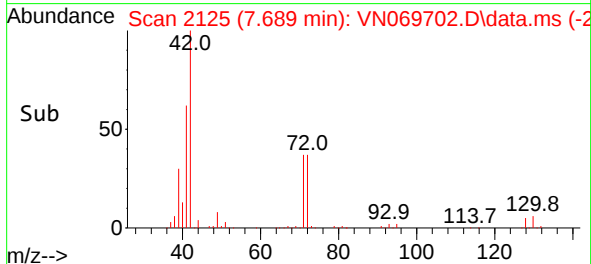
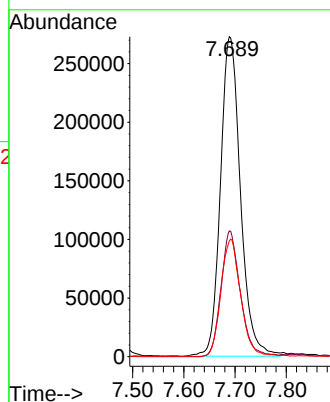
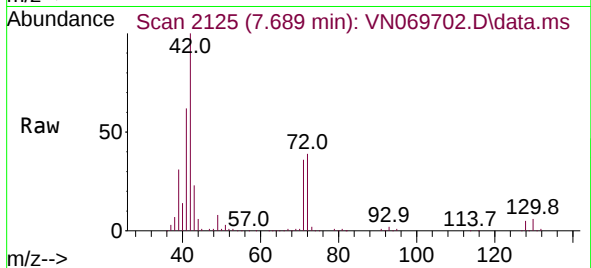
VSTDIC020

Tgt Ion: 42 Resp: 740544
 Ion Ratio Lower Upper
 42 100
 72 38.0 36.3 54.5
 71 36.4 34.7 52.1

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 18.002 ug/l

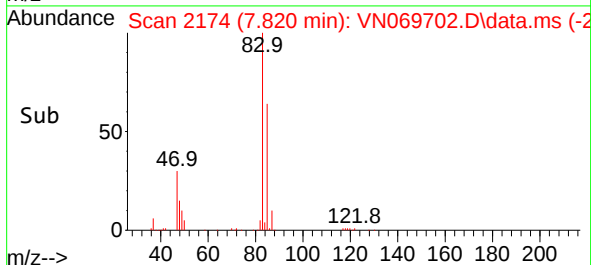
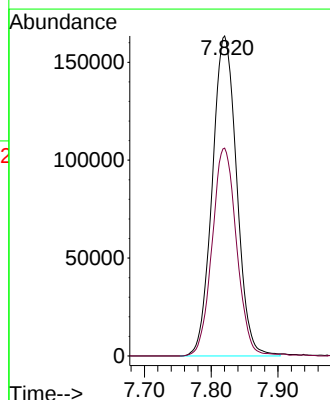
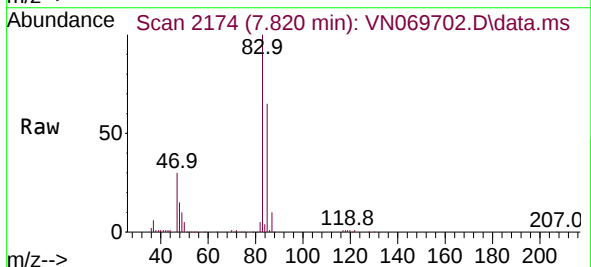
RT: 7.820 min Scan# 2174

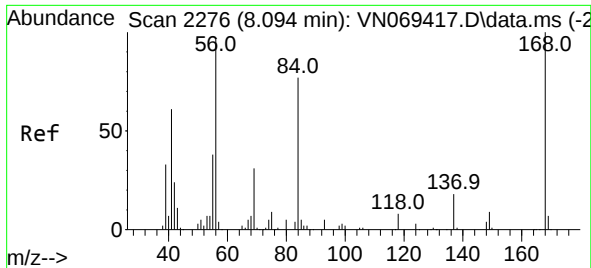
Delta R.T. 0.000 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

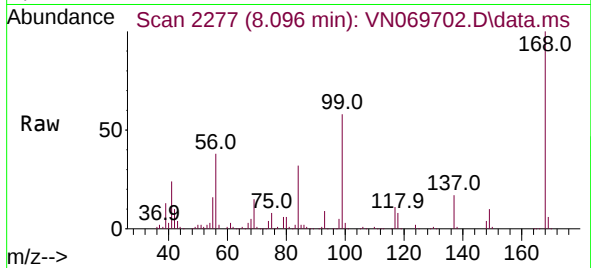
Tgt Ion: 83 Resp: 415353
 Ion Ratio Lower Upper
 83 100
 85 64.9 51.9 77.9





#31
Cyclohexane
Concen: 17.863 ug/l
RT: 8.096 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

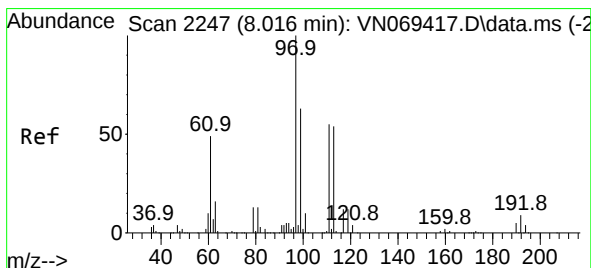
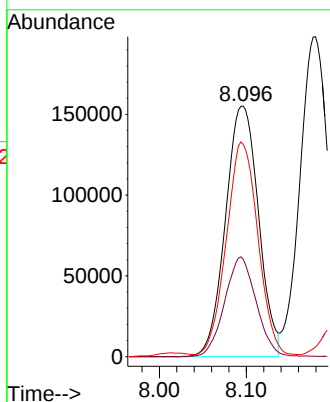
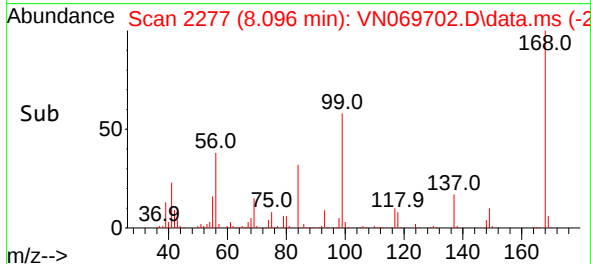
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



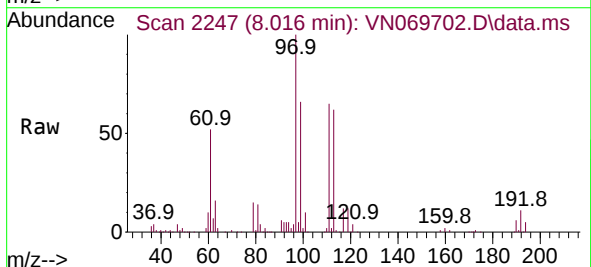
Tgt Ion: 56 Resp: 40980
Ion Ratio Lower Upper
56 100
69 38.9 27.1 40.7
84 83.4 73.4 110.0

Manual Integrations
APPROVED

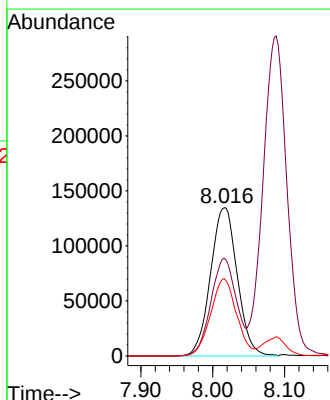
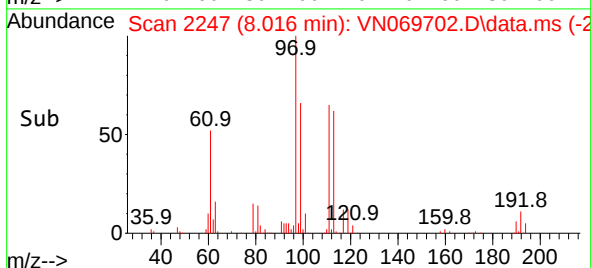
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

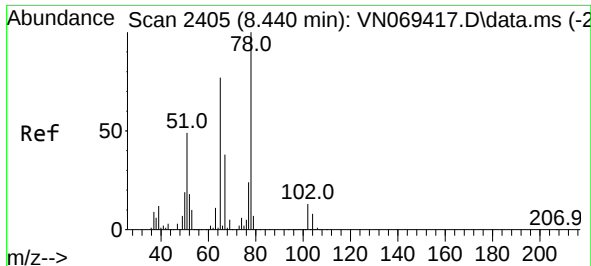


#32
1,1,1-Trichloroethane
Concen: 18.027 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



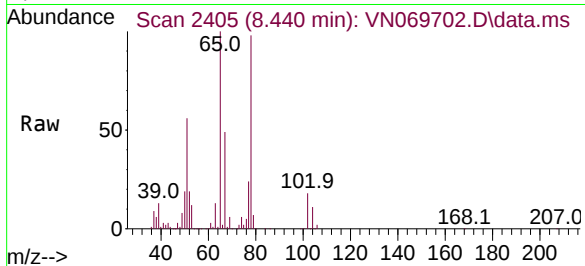
Tgt Ion: 97 Resp: 348523
Ion Ratio Lower Upper
97 100
99 62.3 50.1 75.1
61 50.6 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 20.085 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN069702.D
 Acq: 2 Dec 2021 18:29

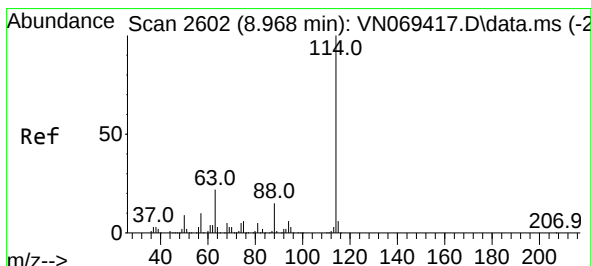
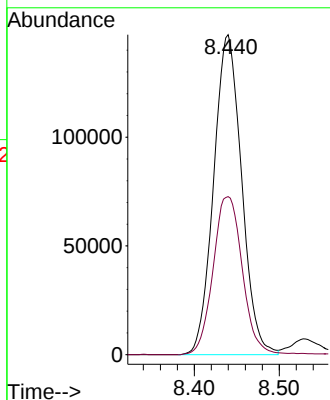
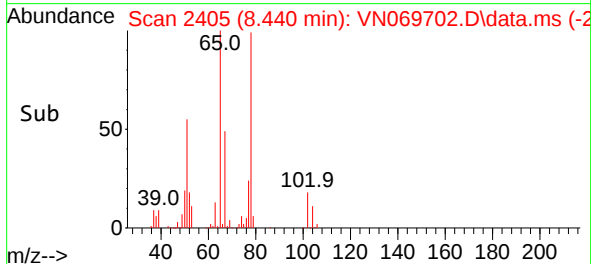
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



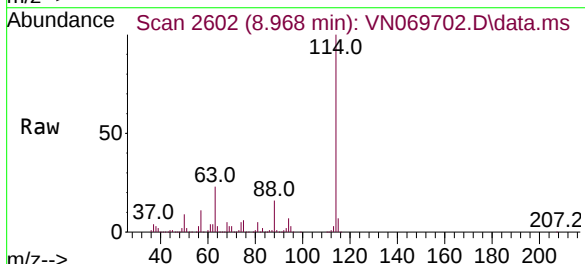
Tgt Ion: 65 Resp: 336660
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0

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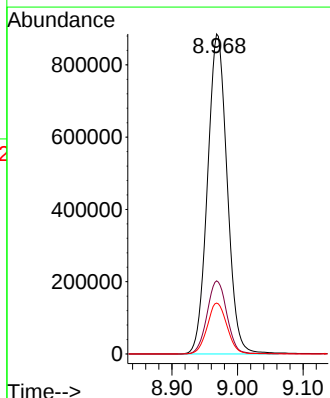
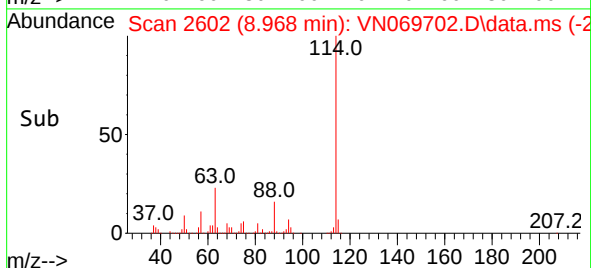
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

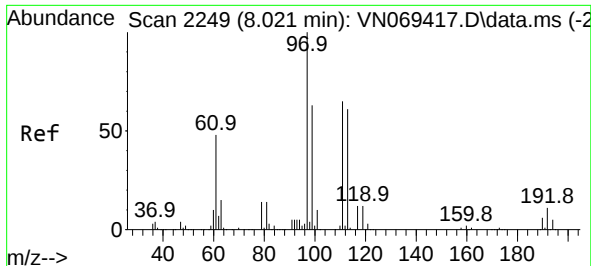


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069702.D
 Acq: 2 Dec 2021 18:29



Tgt Ion:114 Resp: 1837681
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 37.8
 88 15.9 0.0 27.4





#35

Dibromofluoromethane

Concen: 20.275 ug/l

RT: 8.024 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 23021

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

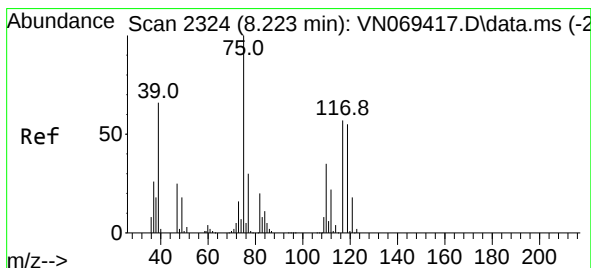
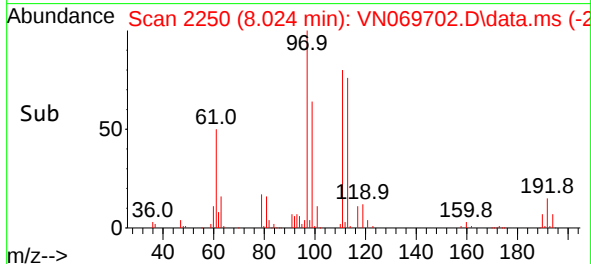
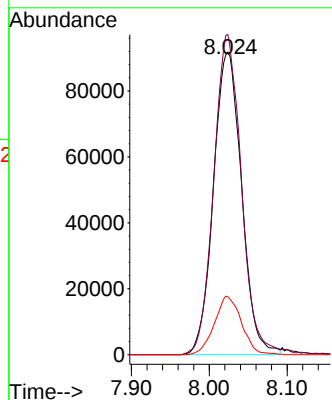
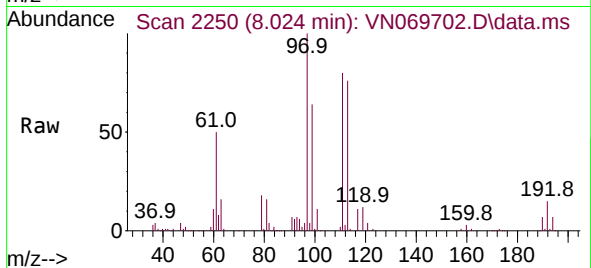
192 18.6 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#36

1,1-Dichloropropene

Concen: 18.873 ug/l

RT: 8.222 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

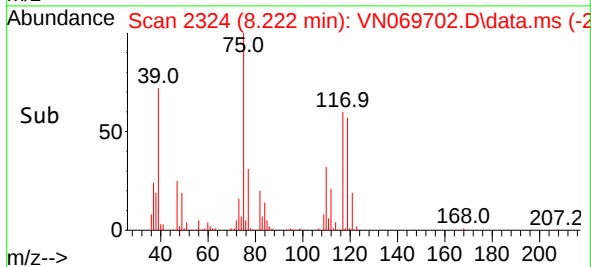
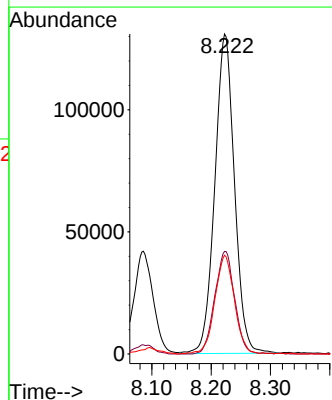
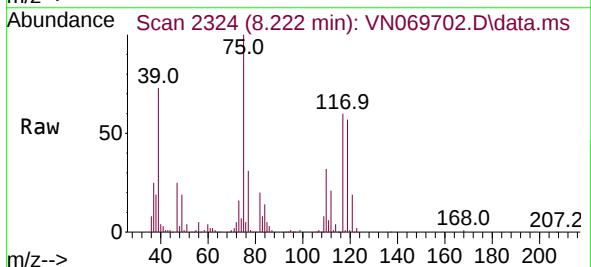
Tgt Ion: 75 Resp: 301059

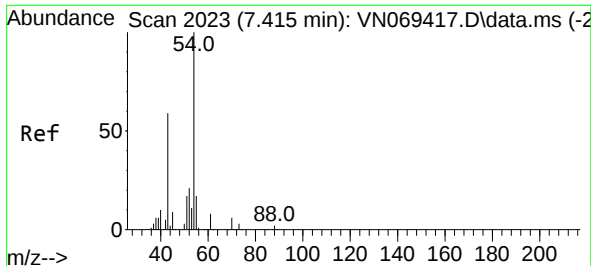
Ion Ratio Lower Upper

75 100

110 32.3 18.4 55.2

77 30.9 24.4 36.6





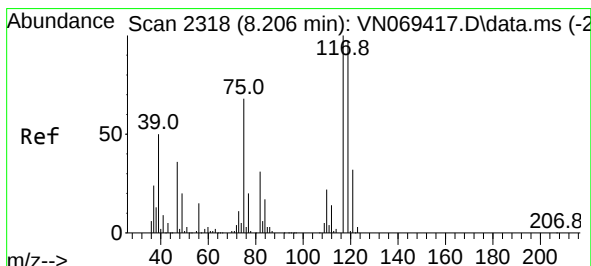
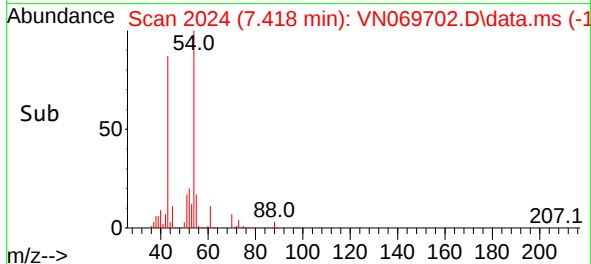
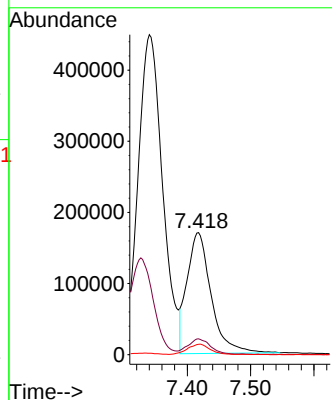
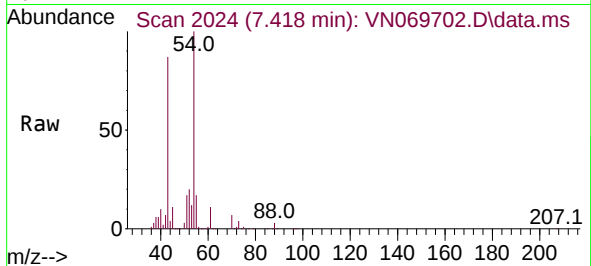
#37
Ethyl Acetate
Concen: 20.451 ug/l
RT: 7.418 min Scan# 2023
Delta R.T. 0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 44816
Ion Ratio Lower Upper
43 100
61 11.8 11.5 17.3
70 7.7 7.9 11.9

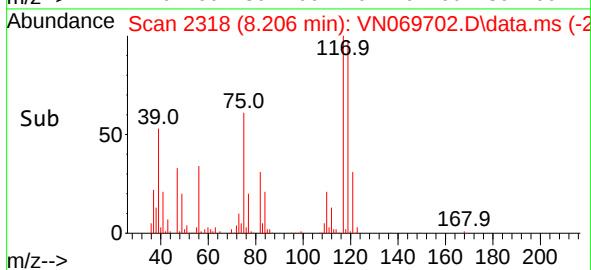
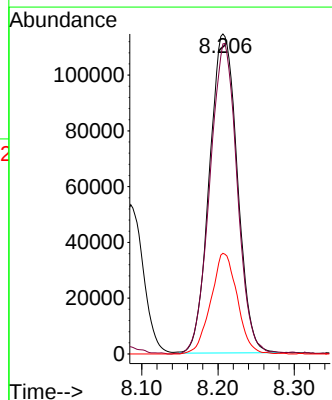
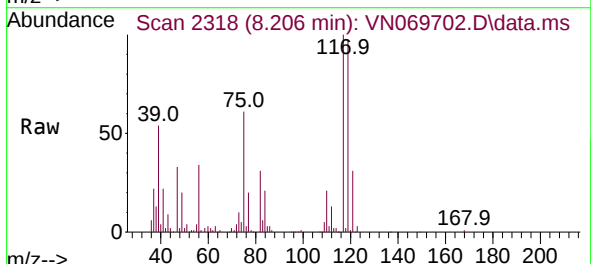
Manual Integrations
APPROVED

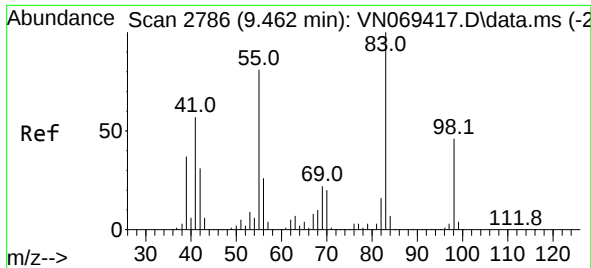
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#38
Carbon Tetrachloride
Concen: 18.813 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

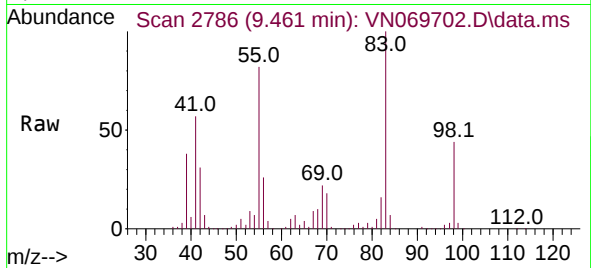
Tgt Ion:117 Resp: 290371
Ion Ratio Lower Upper
117 100
119 97.1 76.1 114.1
121 31.6 24.2 36.2





#39
Methylcyclohexane
Concen: 18.164 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

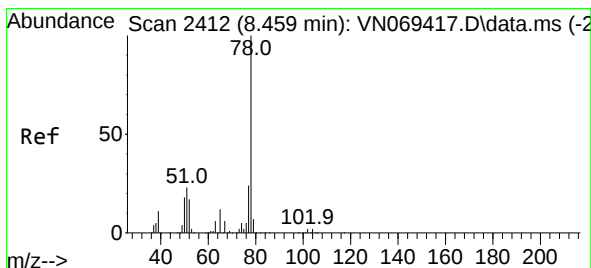
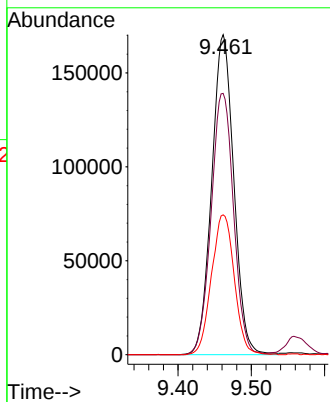
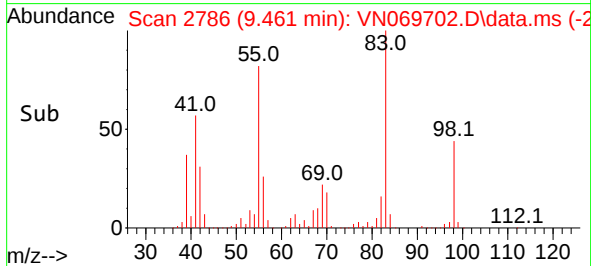
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 357228
Ion Ratio Lower Upper
83 100
55 81.7 58.1 87.1
98 43.7 38.4 57.6

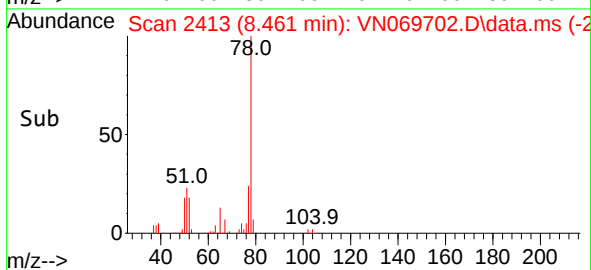
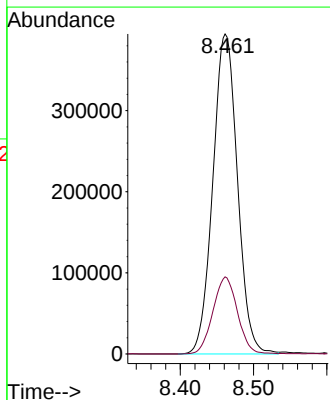
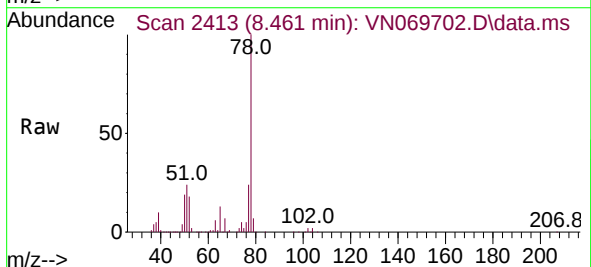
Manual Integrations
APPROVED

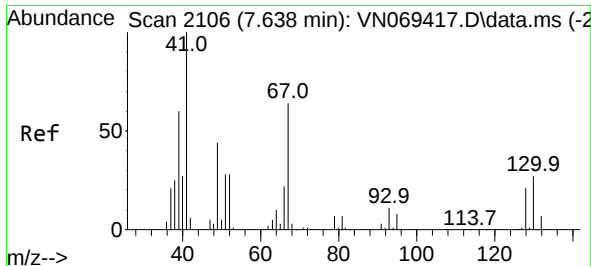
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#40
Benzene
Concen: 18.711 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

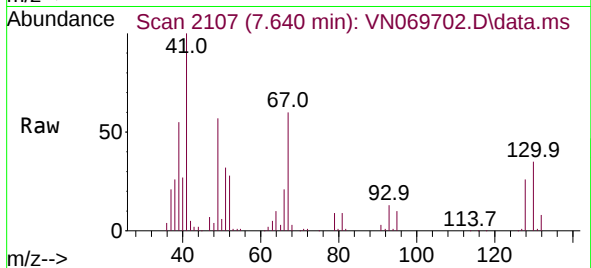
Tgt Ion: 78 Resp: 920619
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 17.793 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

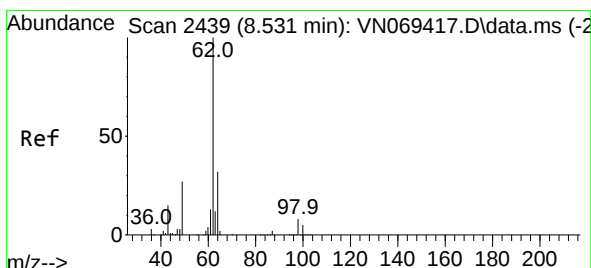
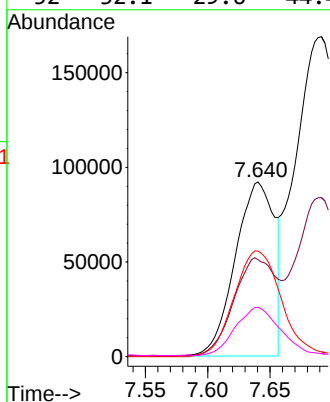
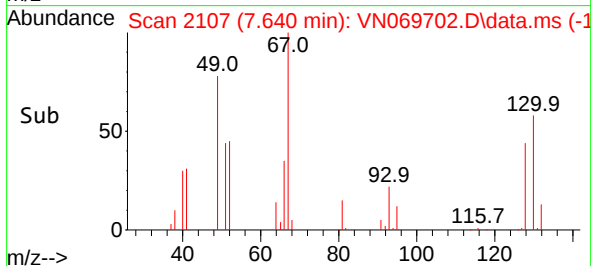
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 201325
Ion Ratio Lower Upper
41 100
39 61.5 48.1 72.1
67 74.6 68.3 102.5
52 32.1 29.6 44.4

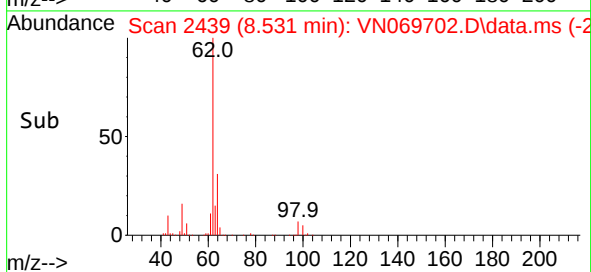
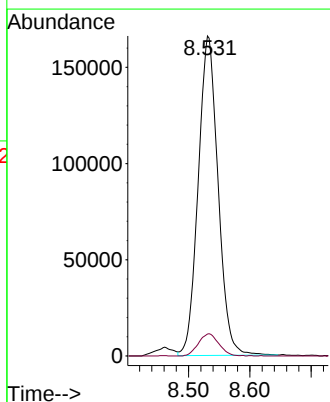
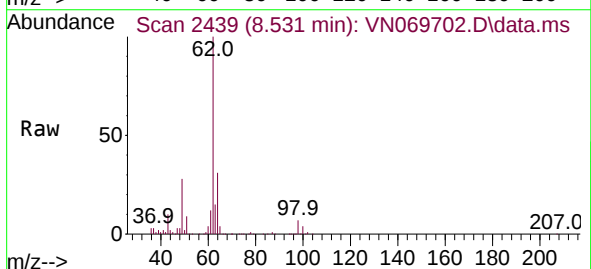
Manual Integrations
APPROVED

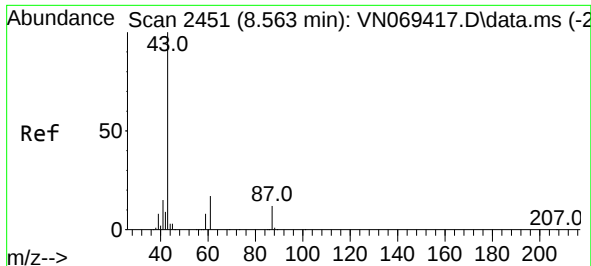
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 19.344 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

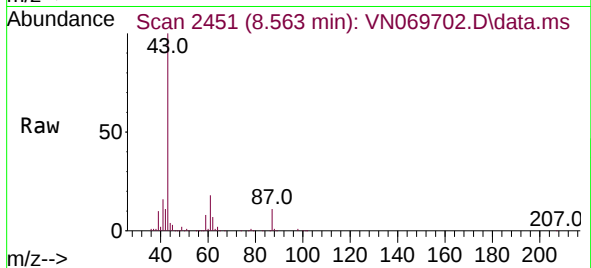
Tgt Ion: 62 Resp: 374500
Ion Ratio Lower Upper
62 100
98 7.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.913 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

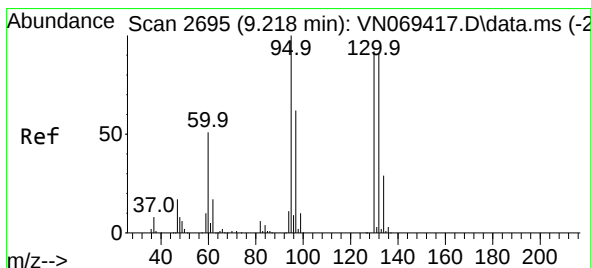
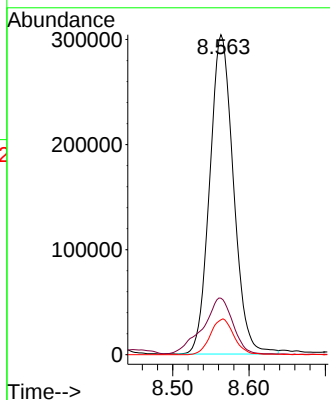
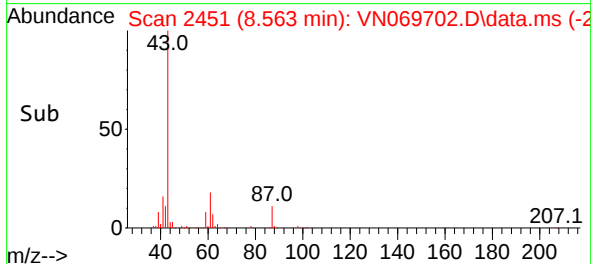
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 65704
Ion Ratio Lower Upper
43 100
61 22.4 20.4 30.6
87 11.1 11.2 16.8

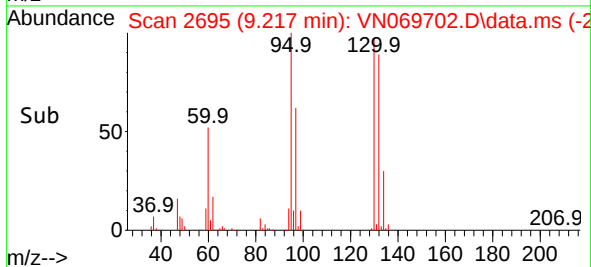
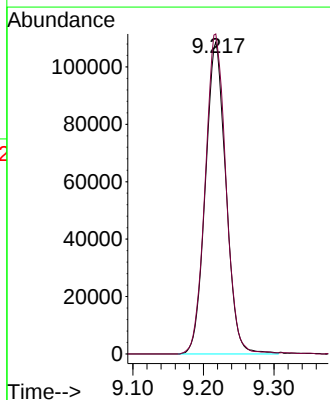
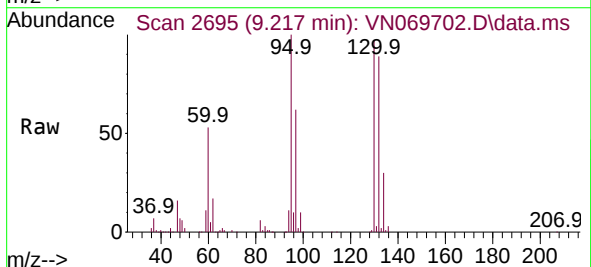
Manual Integrations
APPROVED

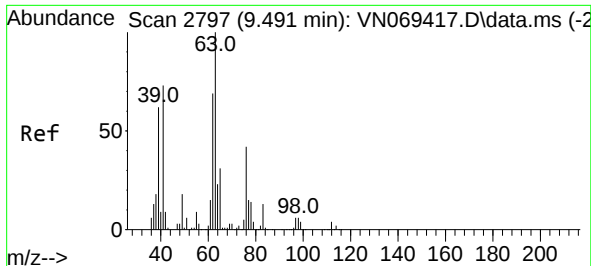
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 18.659 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

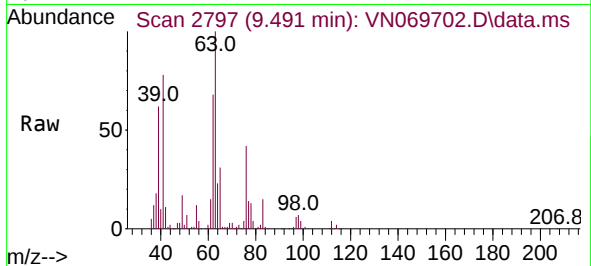
Tgt Ion:130 Resp: 219897
Ion Ratio Lower Upper
130 100
95 102.6 0.0 191.2





#45
1,2-Dichloropropane
Concen: 18.610 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

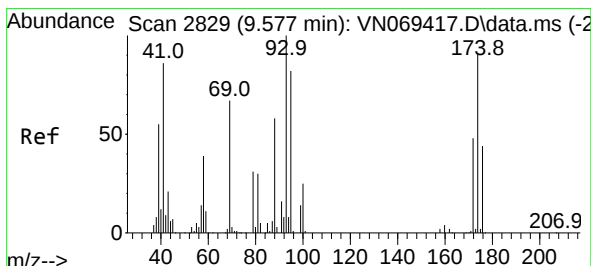
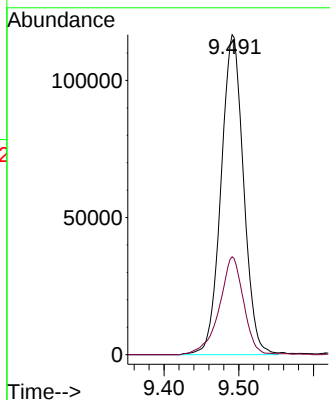
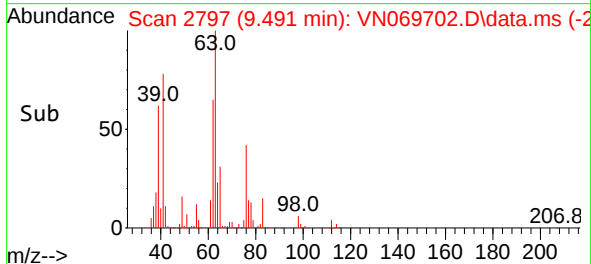
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



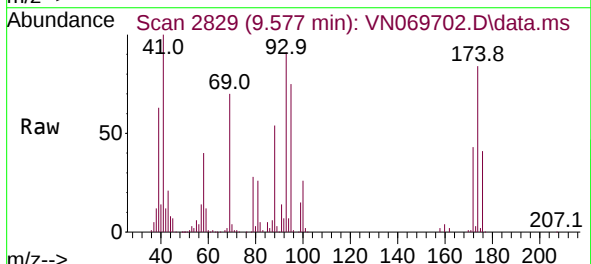
Tgt Ion: 63 Resp: 244052
Ion Ratio Lower Upper
63 100
65 30.6 24.7 37.1

Manual Integrations
APPROVED

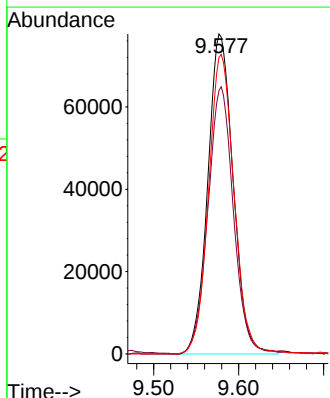
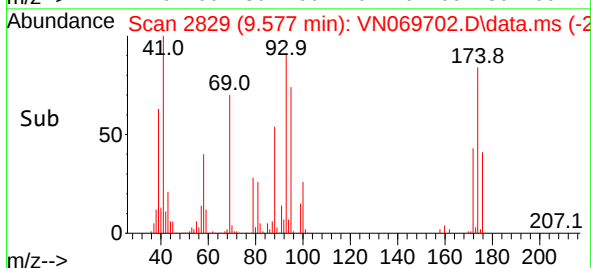
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

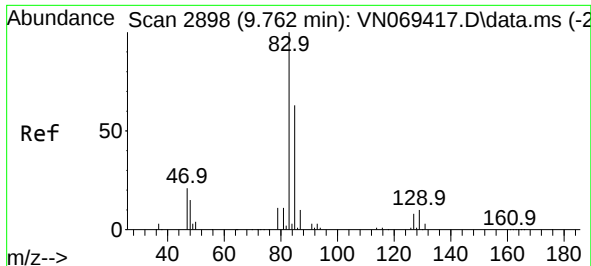


#46
Dibromomethane
Concen: 18.367 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



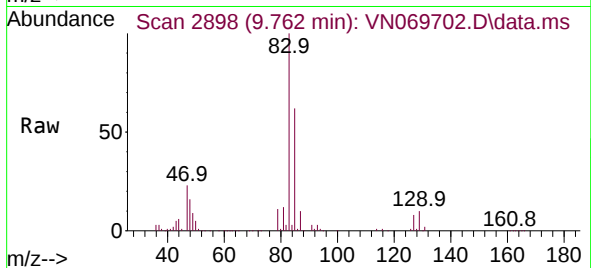
Tgt Ion: 93 Resp: 161110
Ion Ratio Lower Upper
93 100
95 83.9 65.9 98.9
174 93.8 84.6 127.0





#47
Bromodichloromethane
Concen: 18.443 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

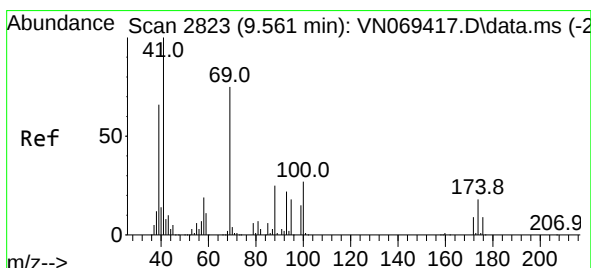
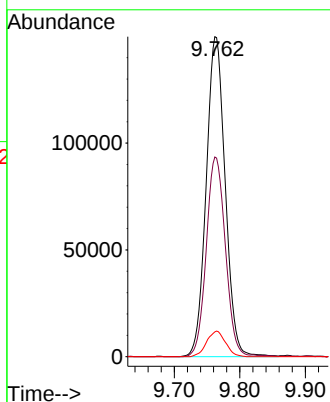
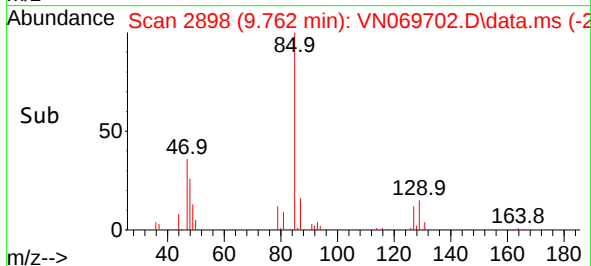
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 30191
Ion Ratio Lower Upper
83 100
85 62.4 50.9 76.3
127 7.7 7.1 10.7

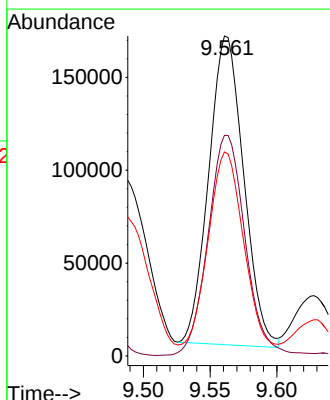
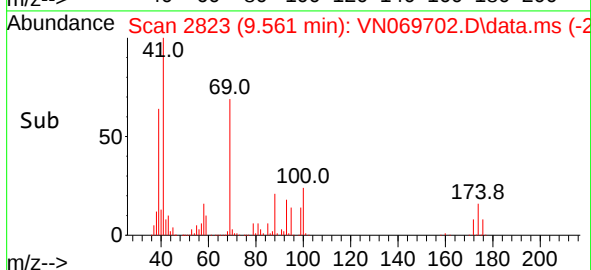
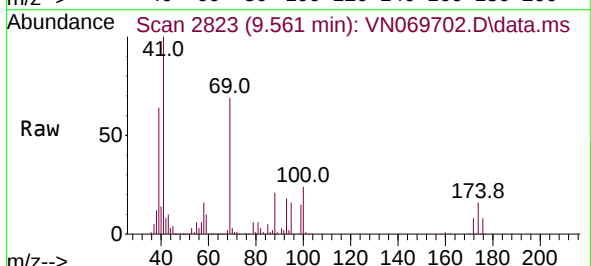
Manual Integrations
APPROVED

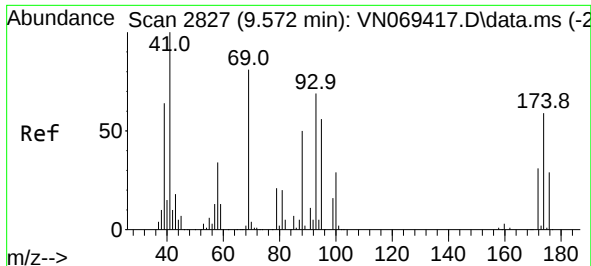
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 18.639 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

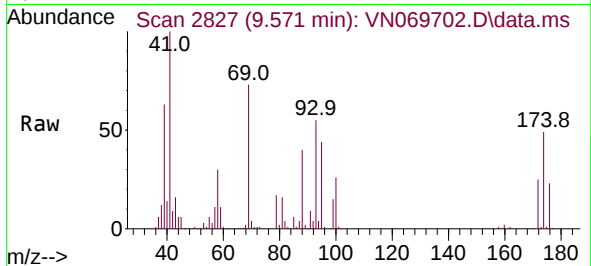
Tgt Ion: 41 Resp: 302231
Ion Ratio Lower Upper
41 100
69 75.9 72.4 108.6
39 68.8 58.4 87.6





#49
1,4-Dioxane
Concen: 370.799 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

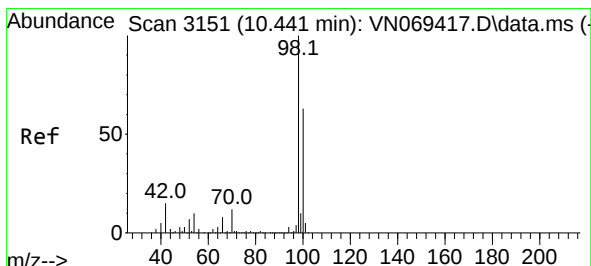
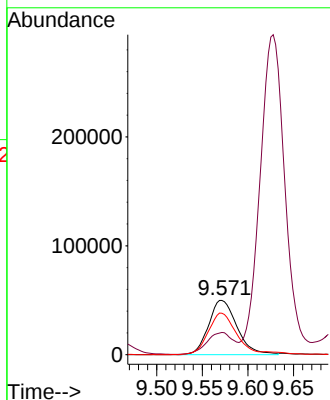
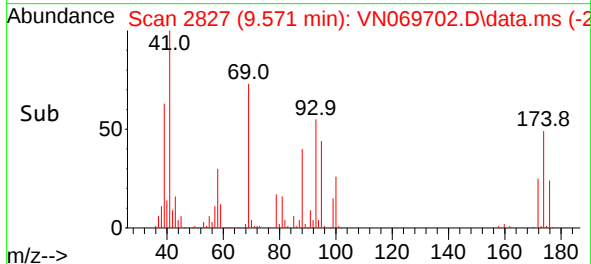
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 108104
Ion Ratio Lower Upper
88 100
43 37.8 23.4 35.2
58 75.0 50.6 75.8

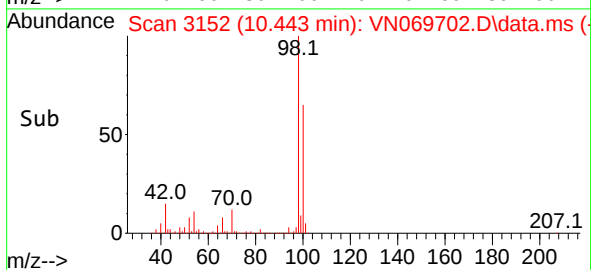
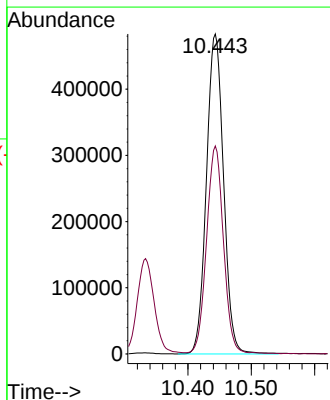
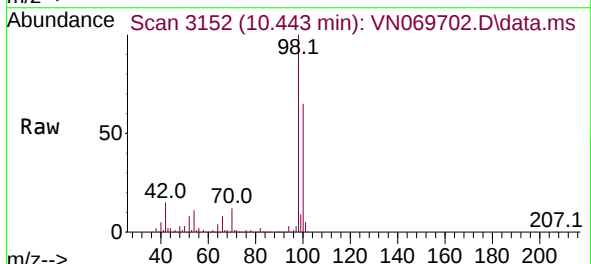
Manual Integrations
APPROVED

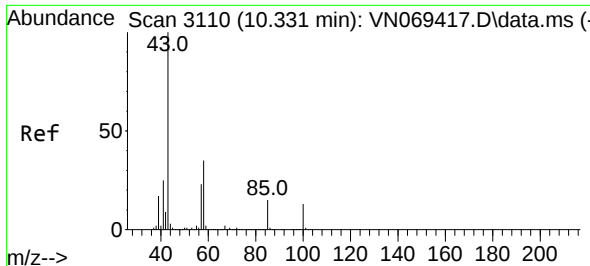
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#50
Toluene-d8
Concen: 20.362 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Tgt Ion: 98 Resp: 908383
Ion Ratio Lower Upper
98 100
100 63.2 50.4 75.6





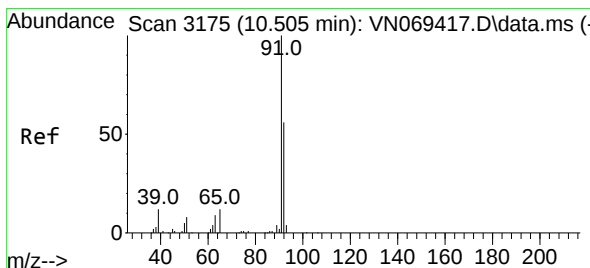
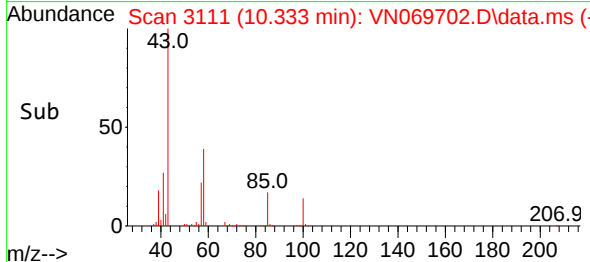
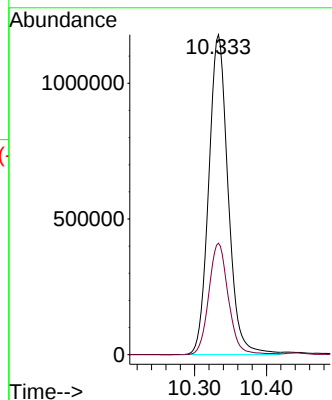
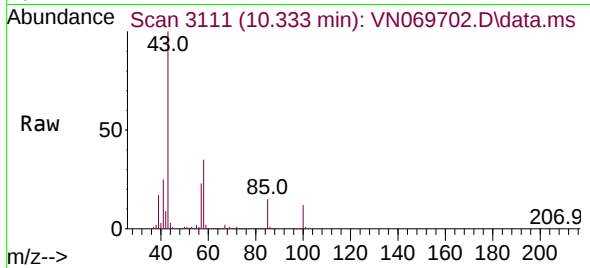
#51
4-Methyl-2-Pentanone
Concen: 98.201 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 2209610
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

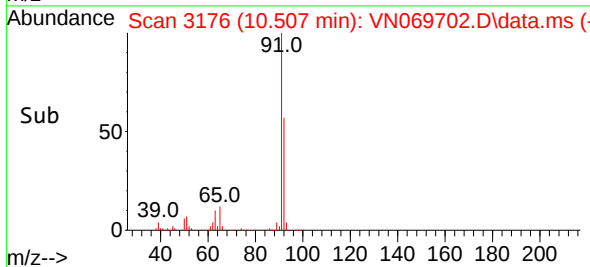
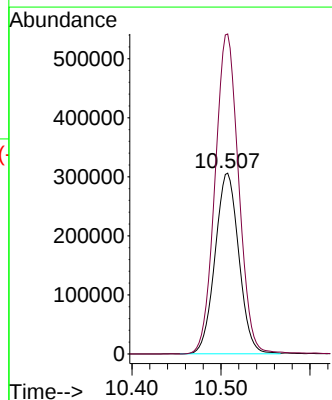
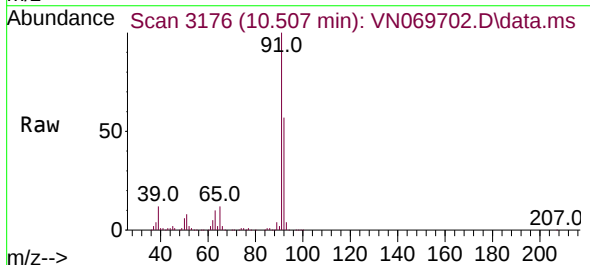
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 18.644 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

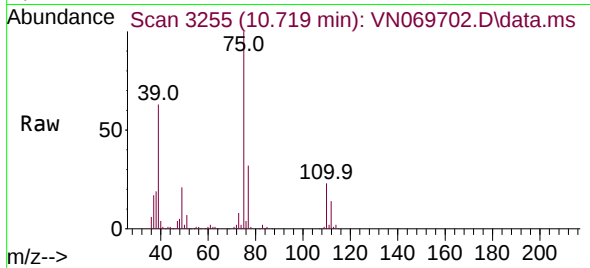
Tgt Ion: 92 Resp: 568036
Ion Ratio Lower Upper
92 100
91 176.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.815 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

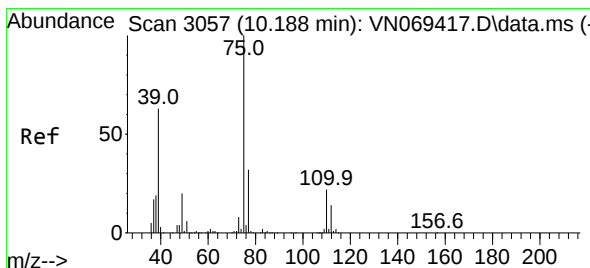
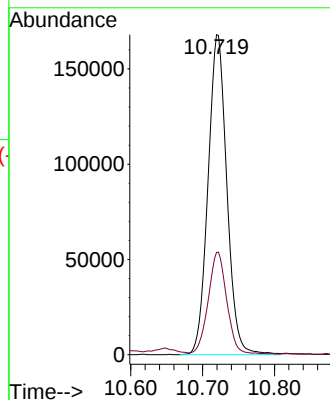
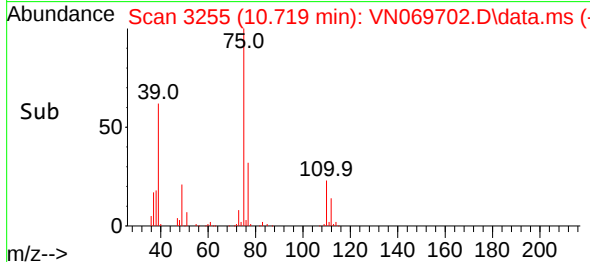
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



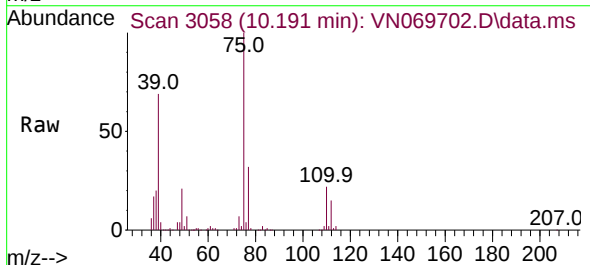
Tgt Ion: 75 Resp: 30602
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

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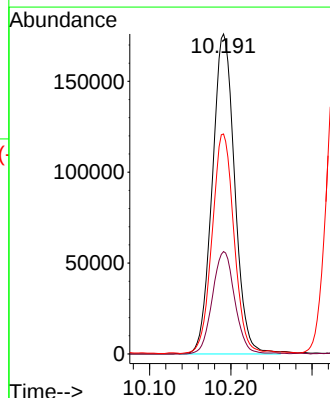
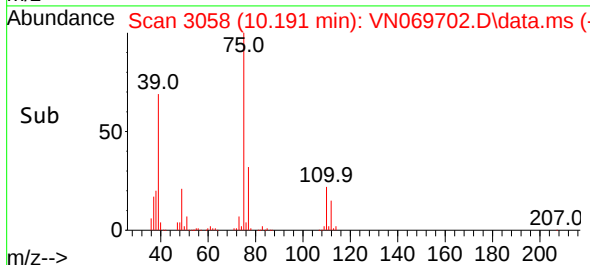
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

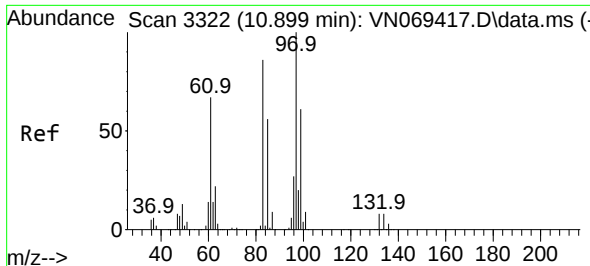


#54
cis-1,3-Dichloropropene
Concen: 17.976 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



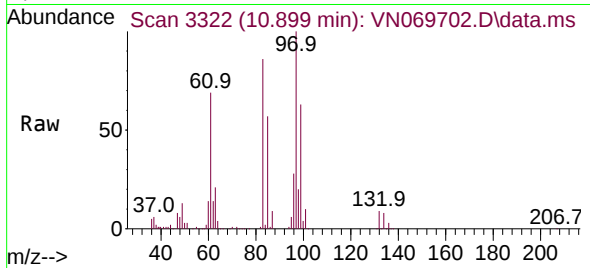
Tgt Ion: 75 Resp: 336968
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
39 68.6 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 18.388 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

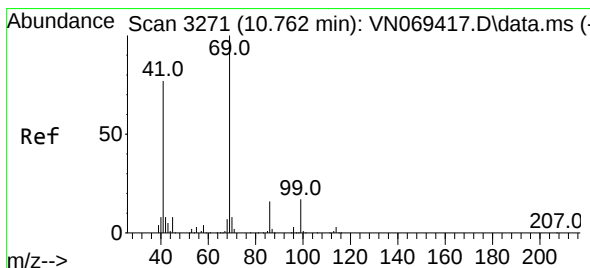
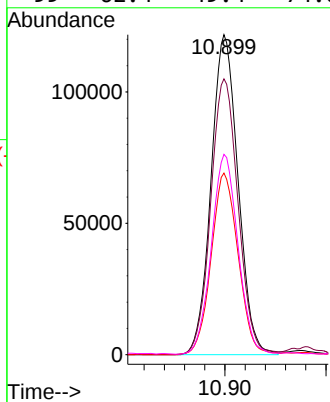
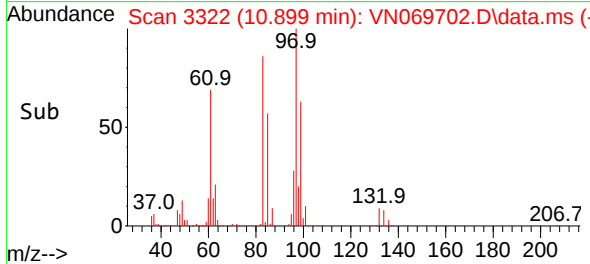
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



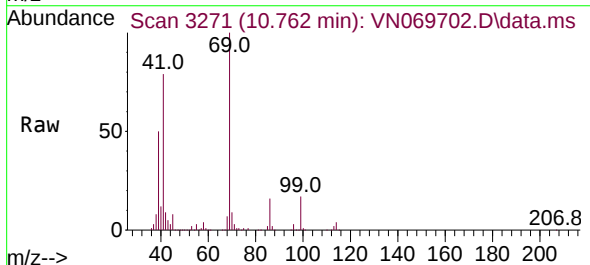
Tgt Ion: 97 Resp: 22548
Ion Ratio Lower Upper
97 100
83 86.1 67.8 101.6
85 56.7 45.4 68.2
99 62.4 49.4 74.0

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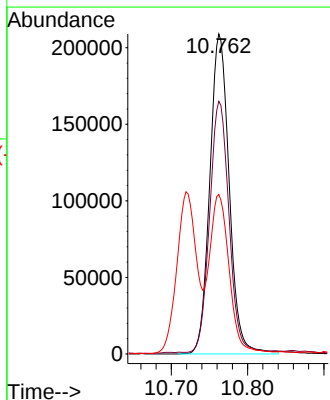
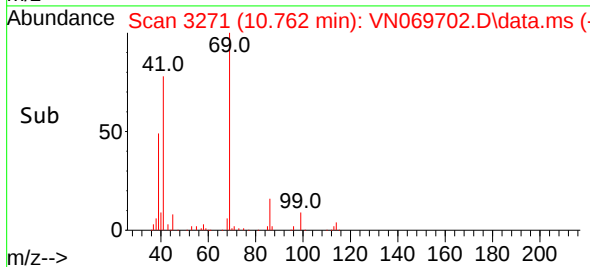
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#56
Ethyl methacrylate
Concen: 18.053 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



Tgt Ion: 69 Resp: 369436
Ion Ratio Lower Upper
69 100
41 78.1 51.4 77.0#
39 48.3 34.6 52.0





#57

1,3-Dichloropropane

Concen: 18.393 ug/l

RT: 11.047 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 39799

Ion Ratio Lower Upper

76 100

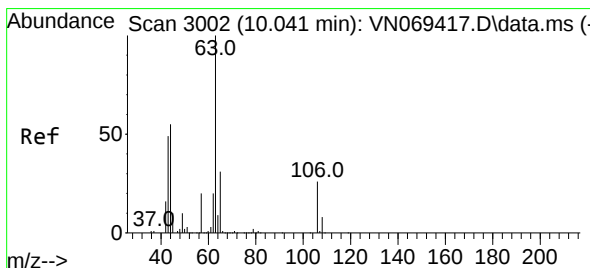
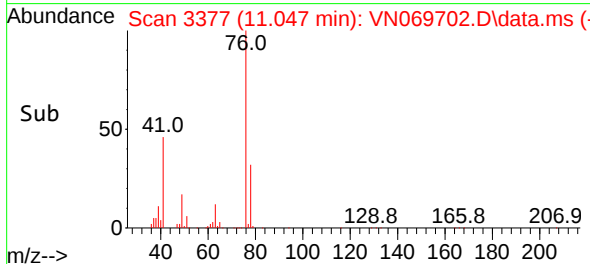
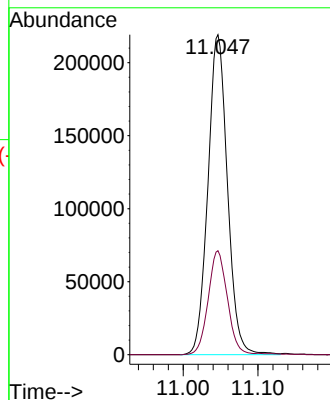
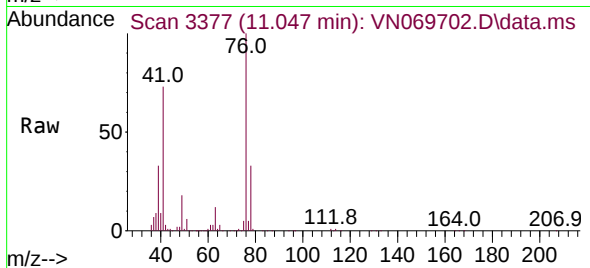
78 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#58

2-Chloroethyl Vinyl ether

Concen: 101.684 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.000 min

Lab File: VN069702.D

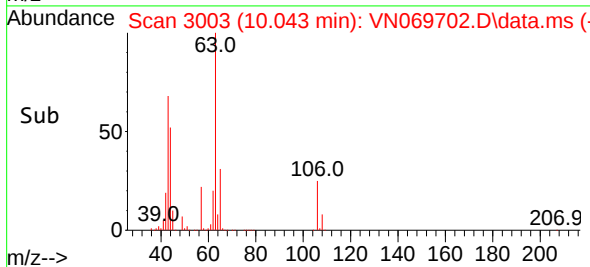
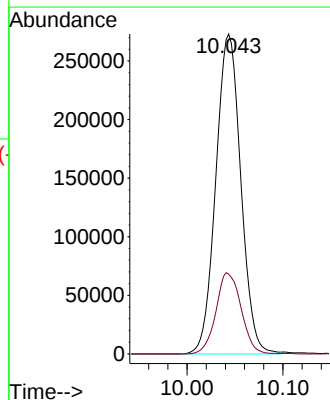
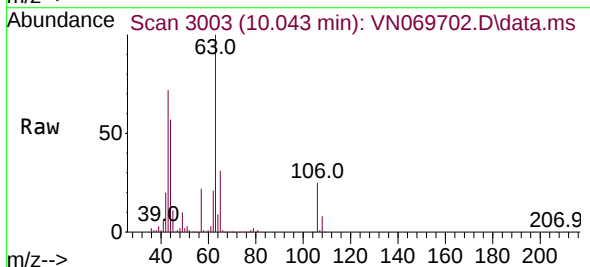
Acq: 2 Dec 2021 18:29

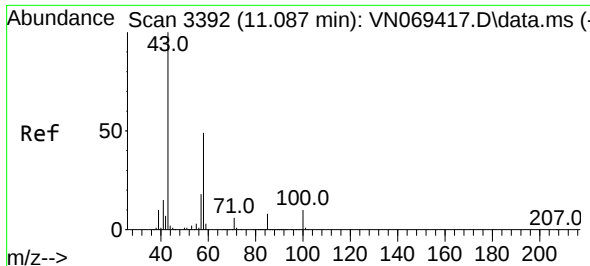
Tgt Ion: 63 Resp: 493712

Ion Ratio Lower Upper

63 100

106 25.6 23.9 35.9





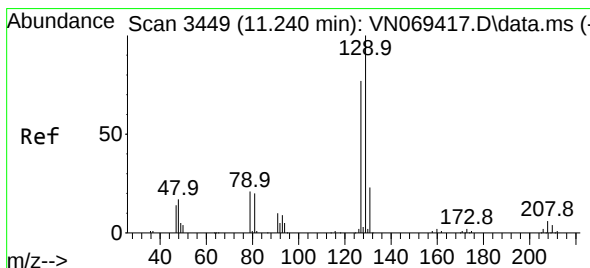
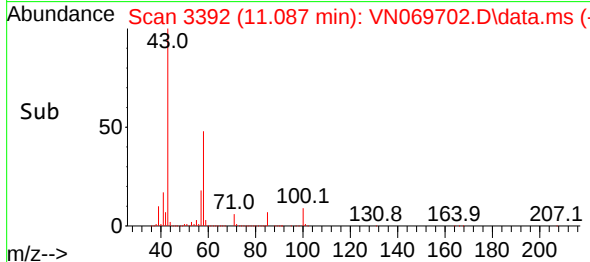
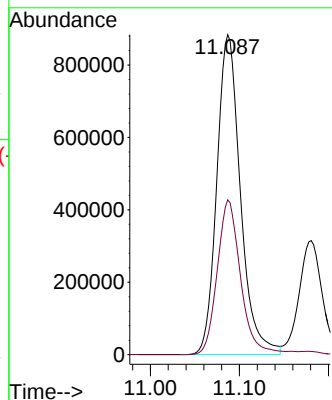
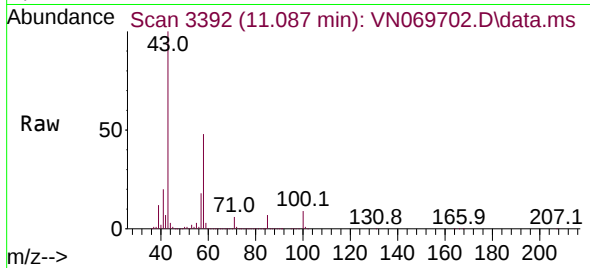
#59
2-Hexanone
Concen: 97.138 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 1631258
Ion Ratio Lower Upper
43 100
58 47.8 26.9 80.7

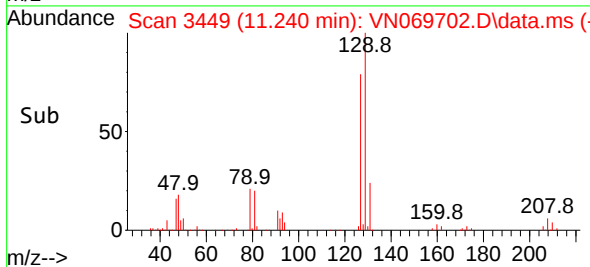
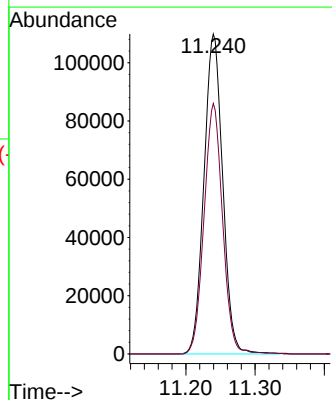
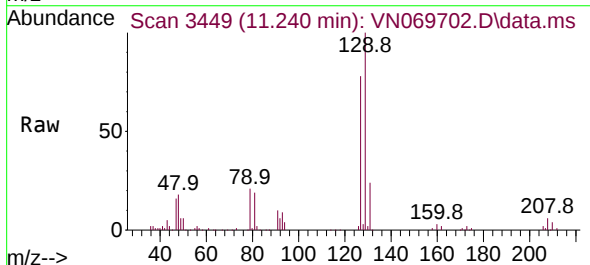
Manual Integrations
APPROVED

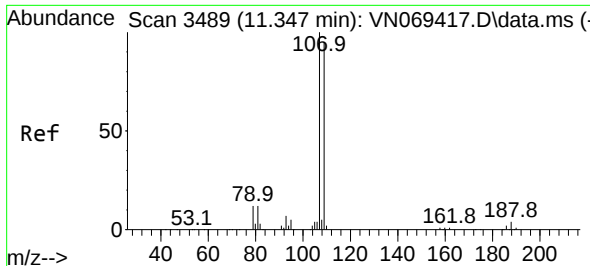
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 17.922 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

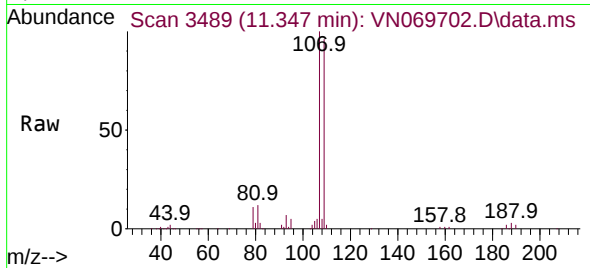
Tgt Ion:129 Resp: 206627
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.438 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

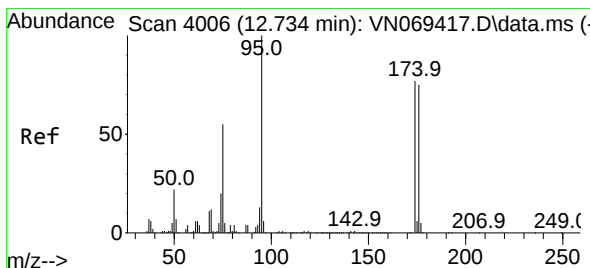
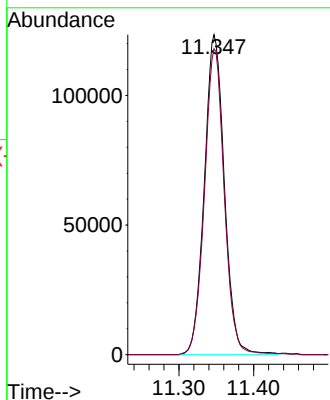
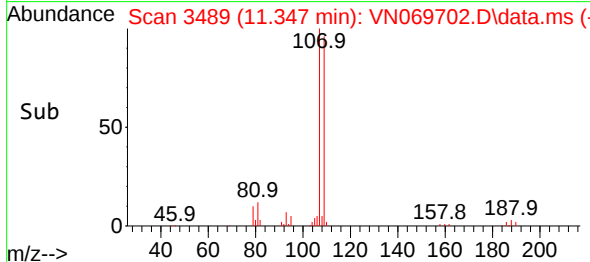
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



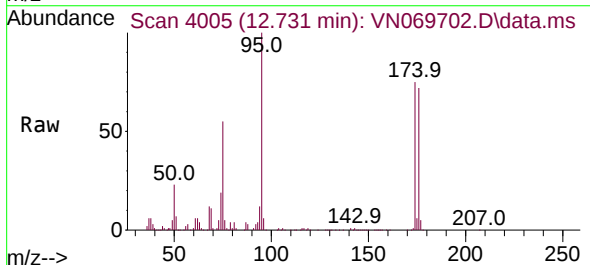
Tgt Ion:107 Resp: 229818
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

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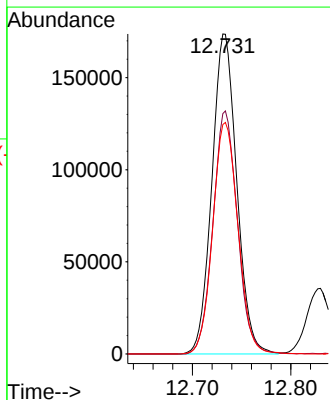
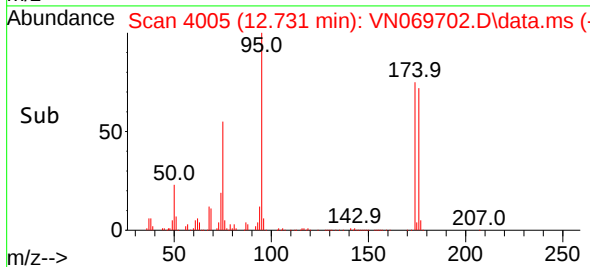
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

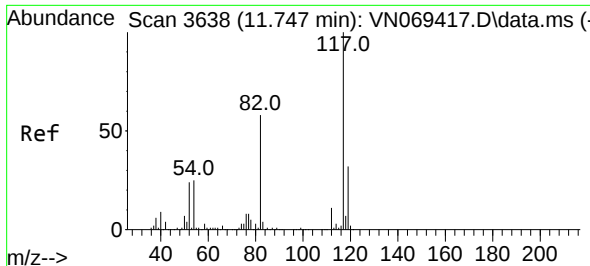


#62
4-Bromofluorobenzene
Concen: 18.689 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



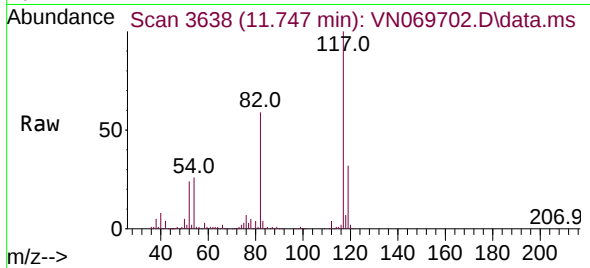
Tgt Ion: 95 Resp: 304959
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 73.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

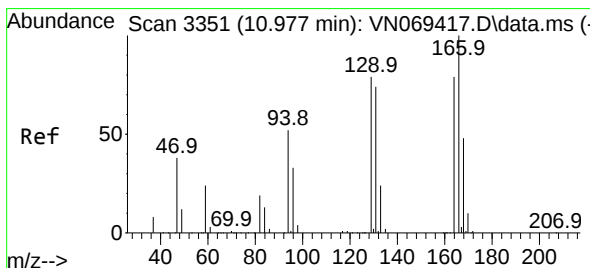
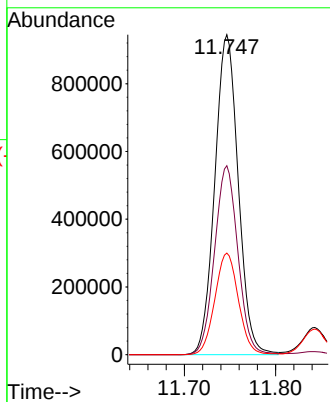
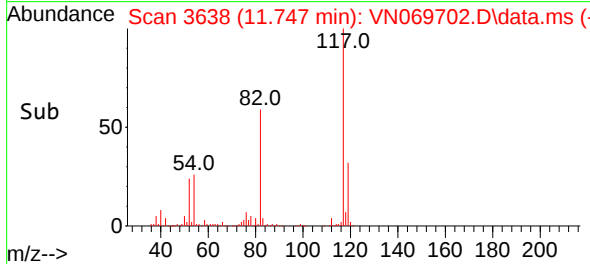
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



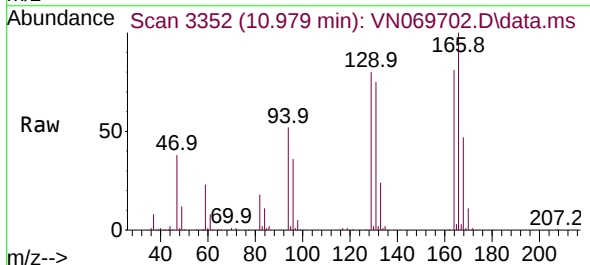
Tgt Ion:117 Resp: 1689070
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.7 25.4 38.2

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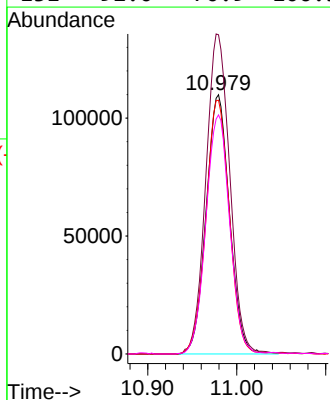
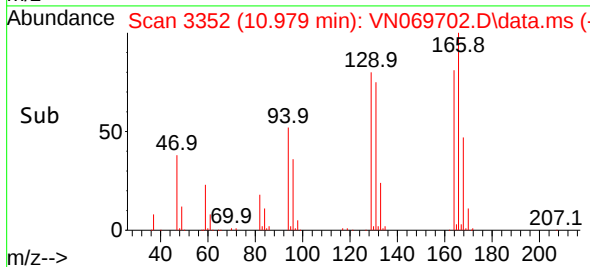
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 19.106 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



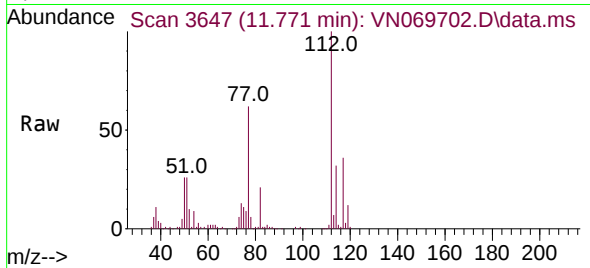
Tgt Ion:164 Resp: 201211
Ion Ratio Lower Upper
164 100
166 123.1 101.9 152.9
129 97.9 72.0 108.0
131 92.0 70.9 106.3





#65
Chlorobenzene
Concen: 18.194 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

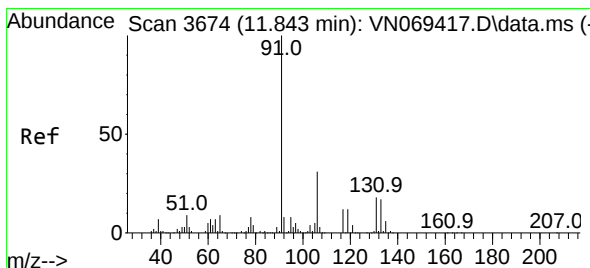
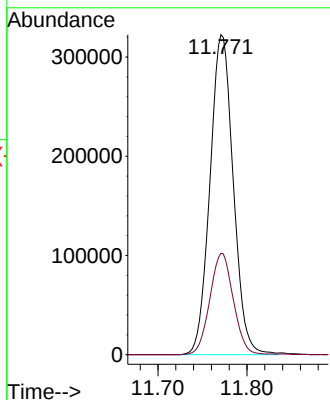
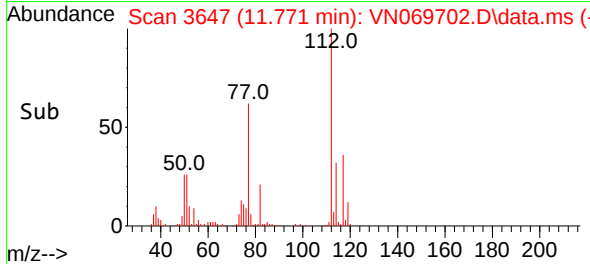
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



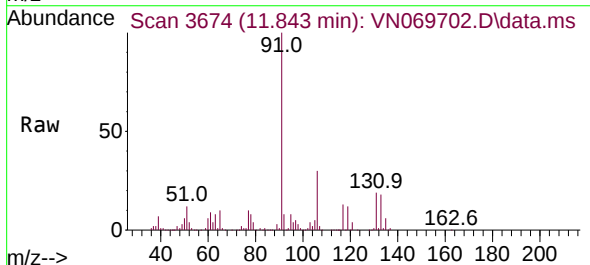
Tgt Ion:112 Resp: 58687
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

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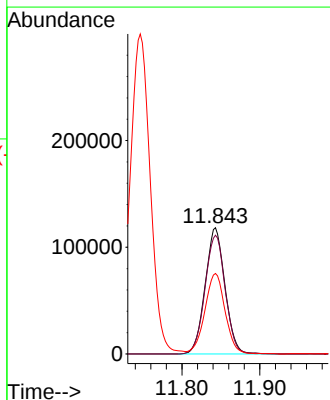
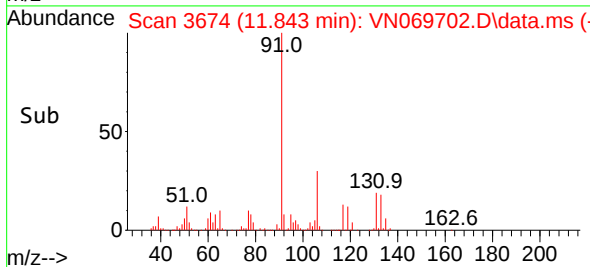
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

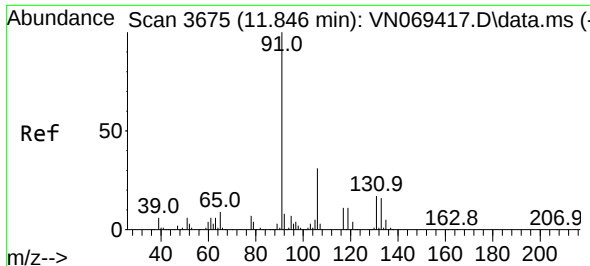


#66
1,1,1,2-Tetrachloroethane
Concen: 18.659 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



Tgt Ion:131 Resp: 209281
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.7
119 64.5 32.1 96.5





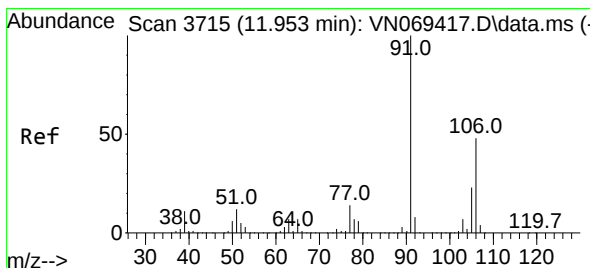
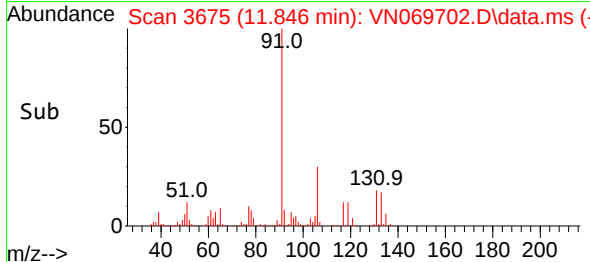
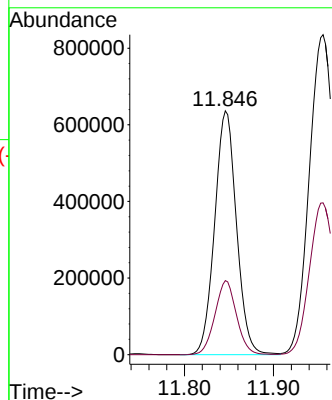
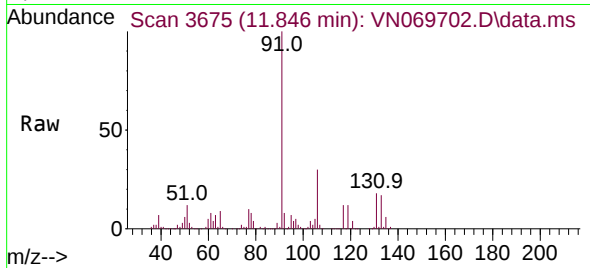
#67
Ethyl Benzene
Concen: 18.222 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 108521
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

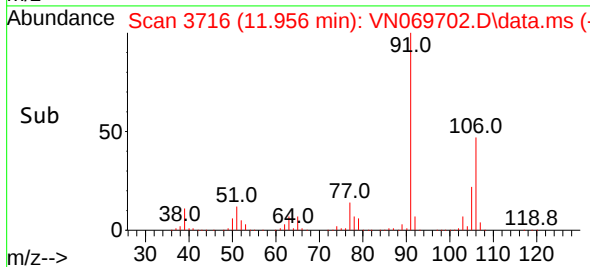
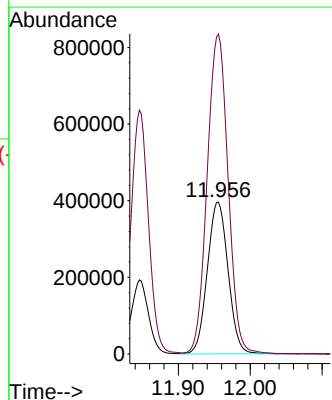
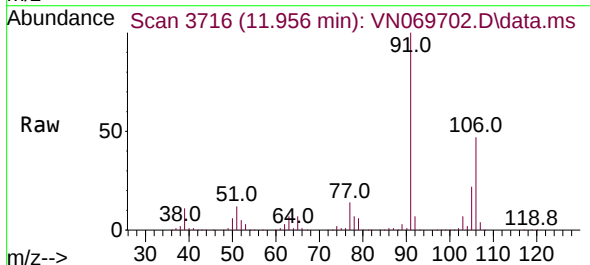
Manual Integrations
APPROVED

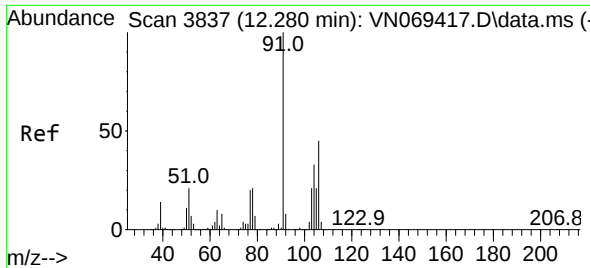
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 36.409 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Tgt Ion:106 Resp: 794390
Ion Ratio Lower Upper
106 100
91 211.8 160.6 240.8





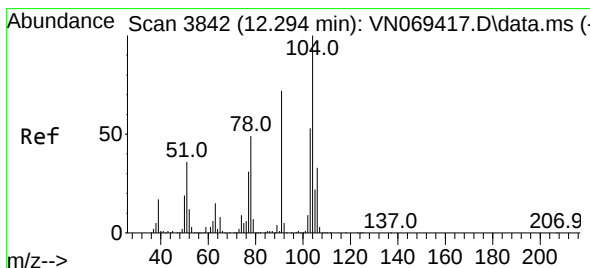
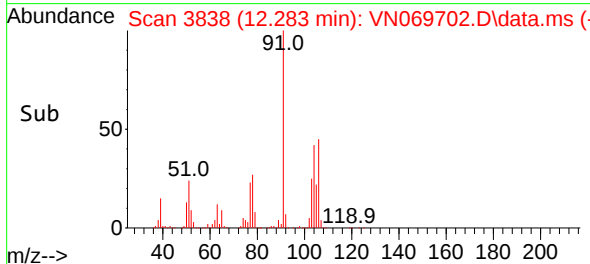
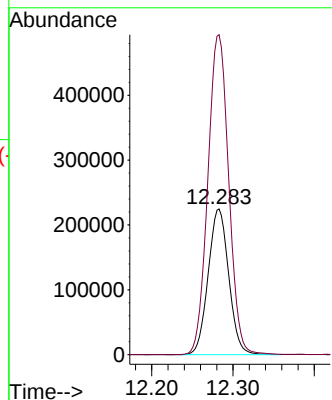
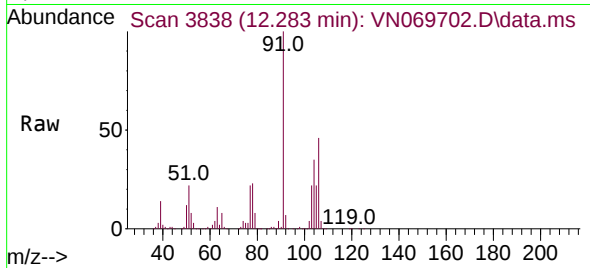
#69
o-Xylene
Concen: 18.166 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 395470
Ion Ratio Lower Upper
106 100
91 222.7 105.8 317.3

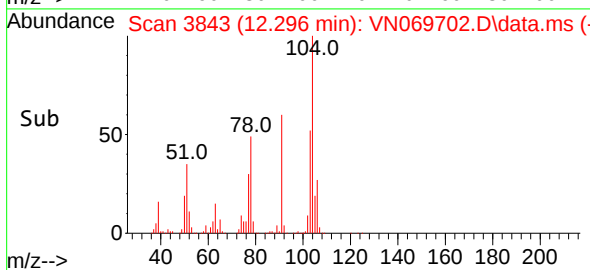
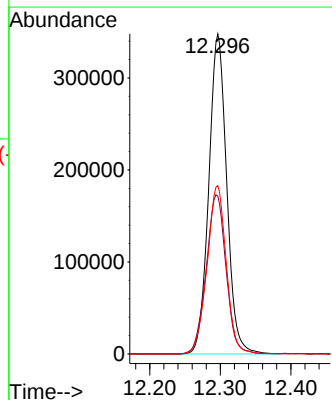
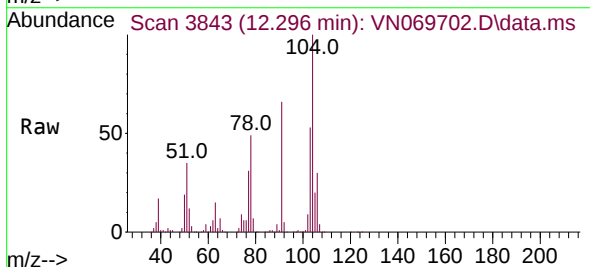
Manual Integrations
APPROVED

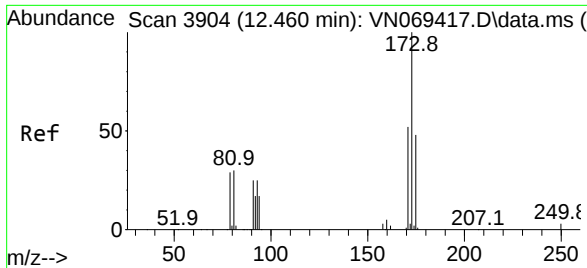
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 17.584 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

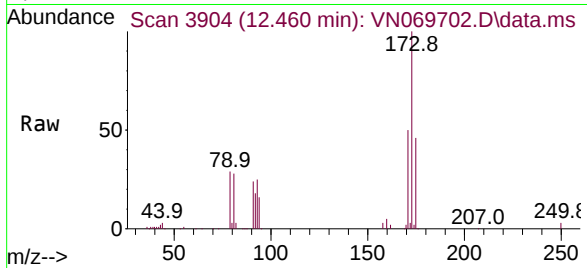
Tgt Ion:104 Resp: 615251
Ion Ratio Lower Upper
104 100
78 55.1 38.7 58.1
103 56.3 45.0 67.6





#71
Bromoform
Concen: 18.113 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

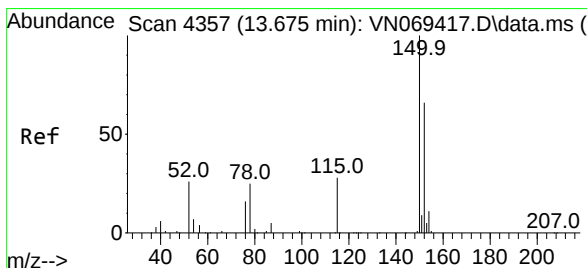
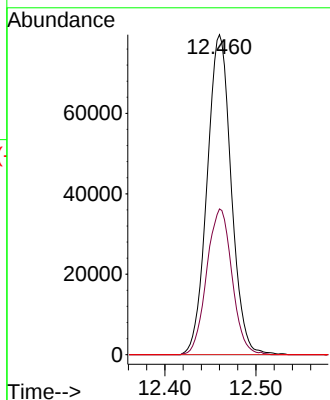
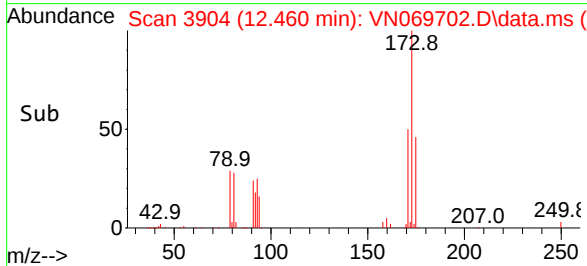
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



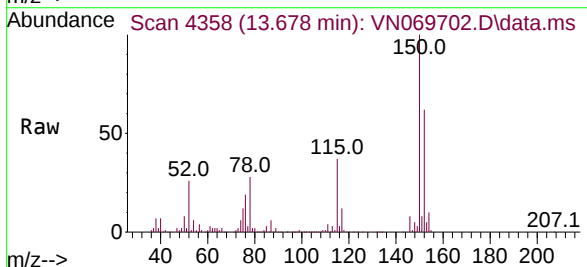
Tgt Ion:173 Resp: 146275
Ion Ratio Lower Upper
173 100
175 47.7 24.2 72.6
254 0.0 0.0 0.0

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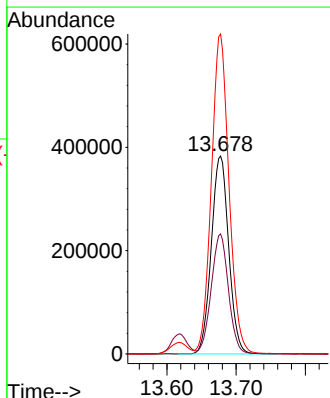
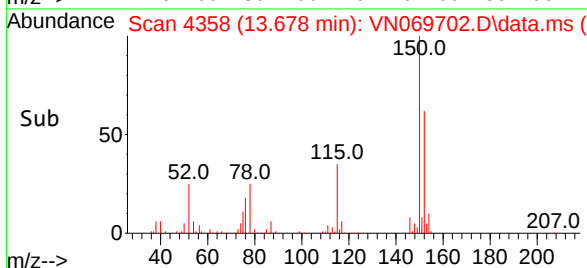
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

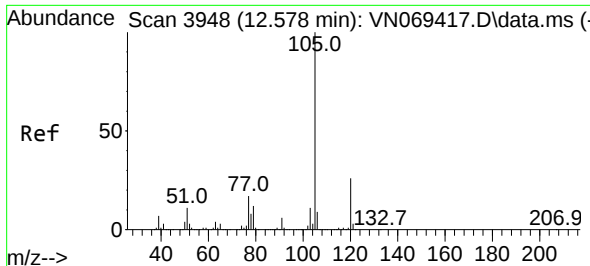


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



Tgt Ion:152 Resp: 668493
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 163.2 0.0 344.4





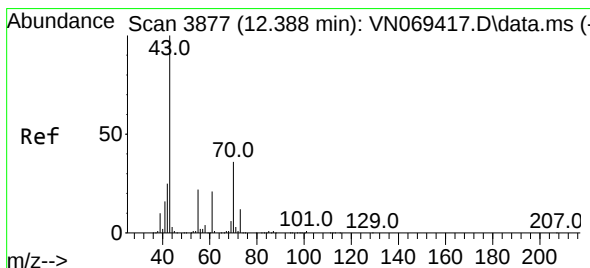
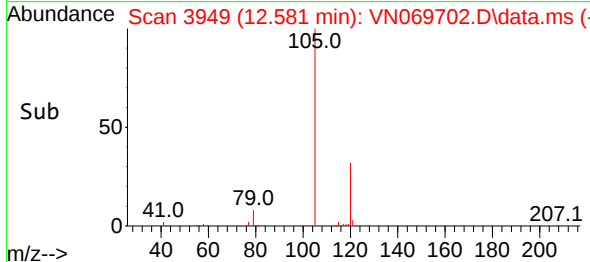
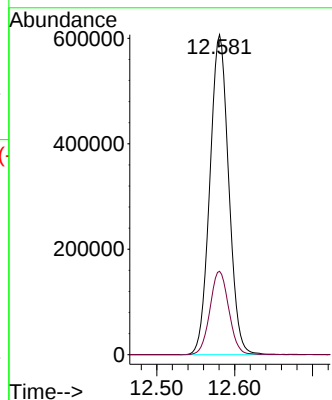
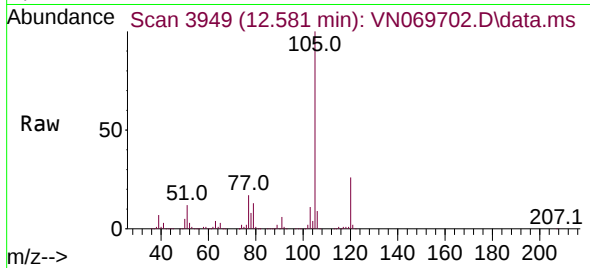
#73
Isopropylbenzene
Concen: 18.627 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 101911
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

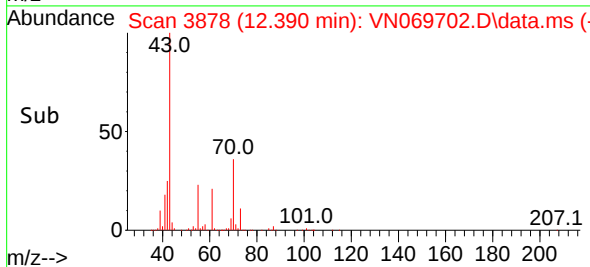
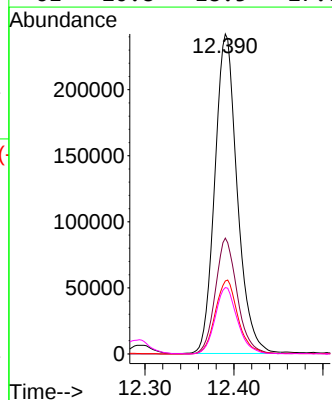
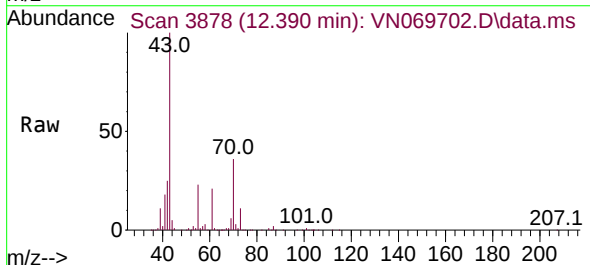
Manual Integrations
APPROVED

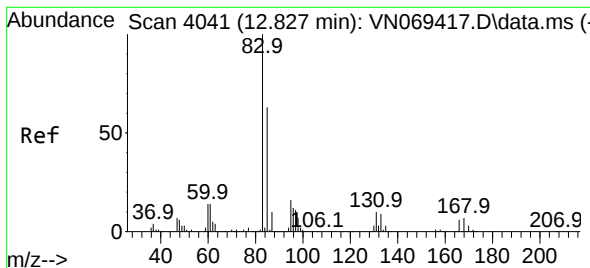
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#74
N-amy1 acetate
Concen: 18.092 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

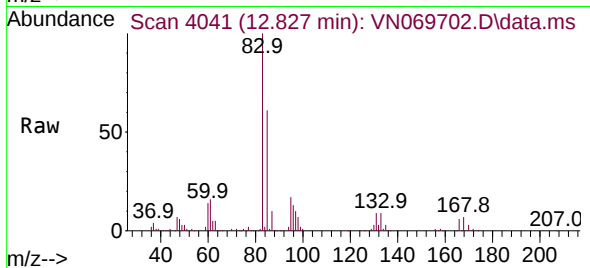
Tgt Ion: 43 Resp: 423496
Ion Ratio Lower Upper
43 100
70 35.4 33.4 50.0
55 23.5 19.3 28.9
61 20.8 18.5 27.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.316 ug/l
 RT: 12.827 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VN069702.D
 Acq: 2 Dec 2021 18:29

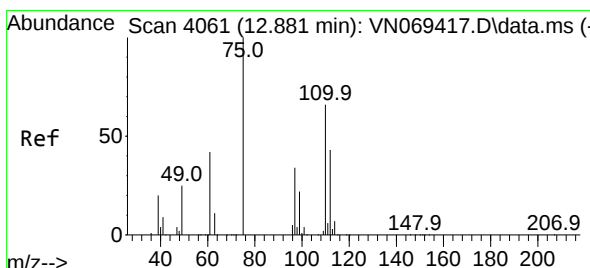
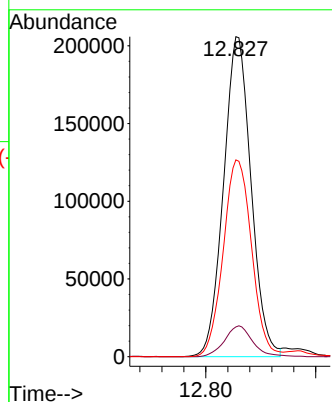
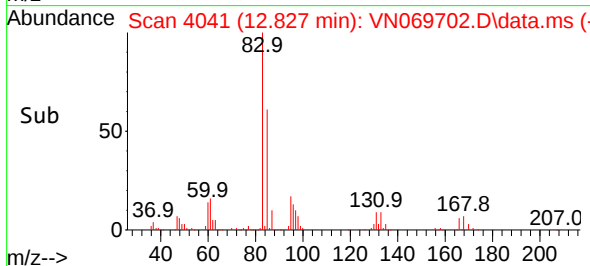
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



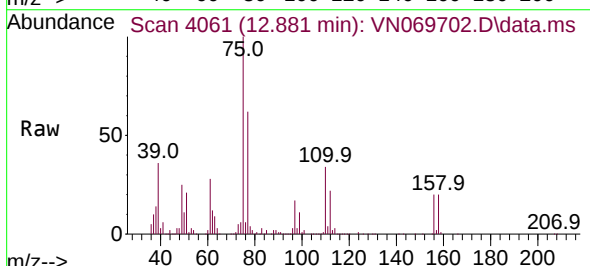
Tgt Ion: 83 Resp: 358140
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.5 16.5
 85 63.4 32.4 97.2

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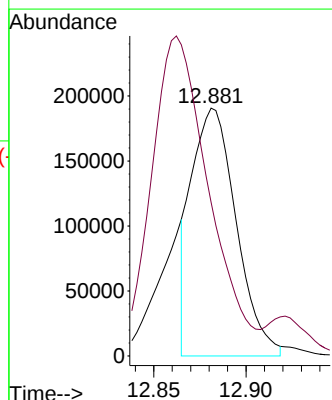
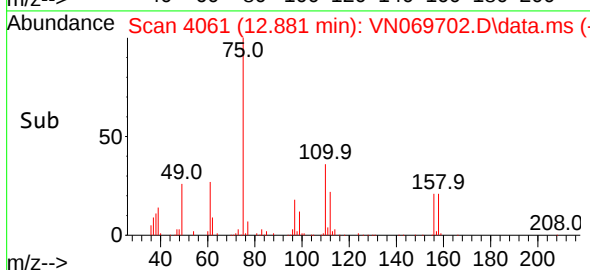
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

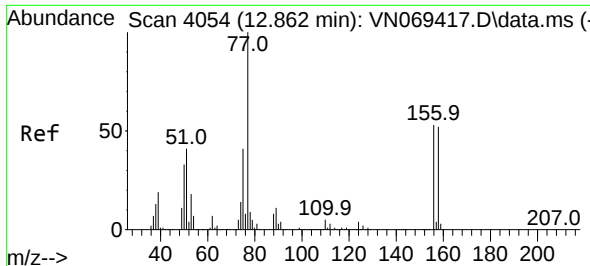


#76
 1,2,3-Trichloropropane
 Concen: 18.619 ug/l m
 RT: 12.881 min Scan# 4061
 Delta R.T. 0.000 min
 Lab File: VN069702.D
 Acq: 2 Dec 2021 18:29



Tgt Ion: 75 Resp: 322067
 Ion Ratio Lower Upper
 75 100
 77 165.6 82.6 247.8





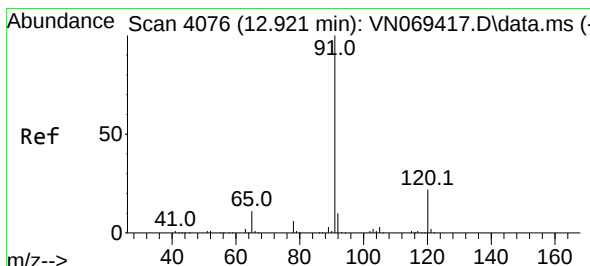
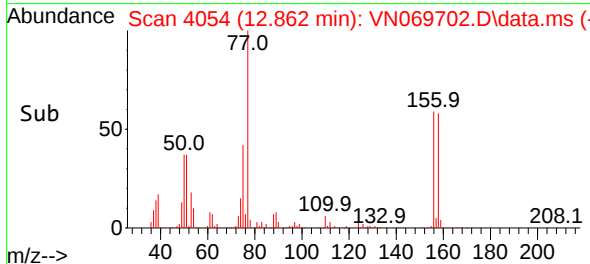
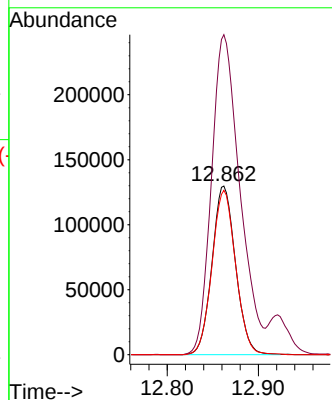
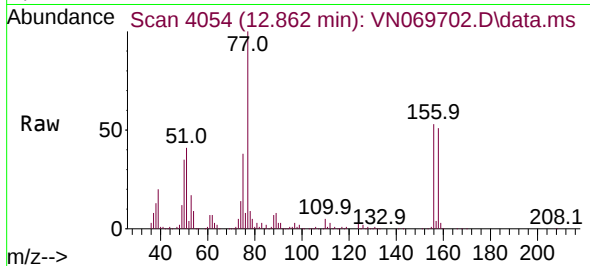
#77
Bromobenzene
Concen: 18.504 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 232530
Ion Ratio Lower Upper
156 100
77 229.3 90.6 271.8
158 98.1 48.9 146.7

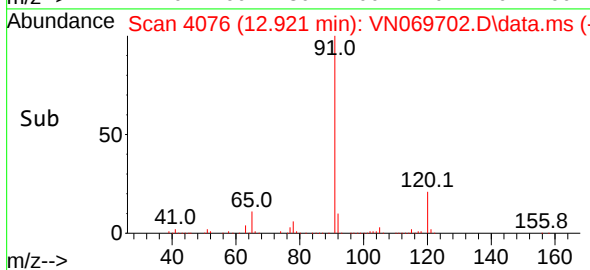
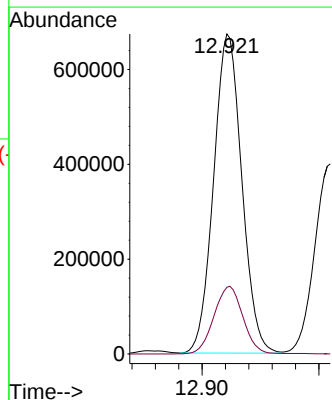
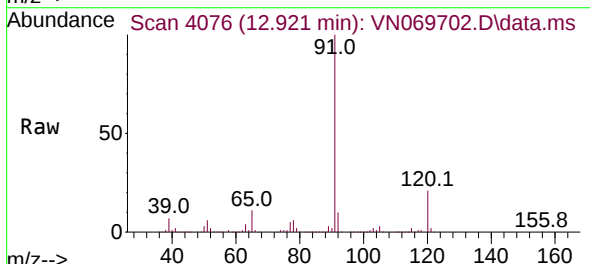
Manual Integrations
APPROVED

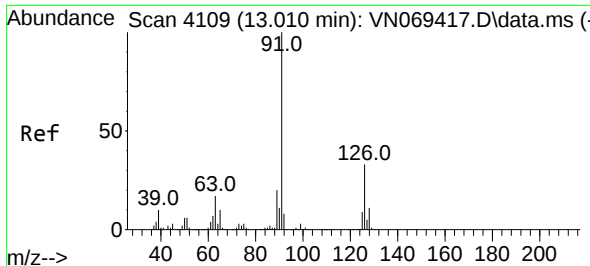
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 18.309 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Tgt Ion: 91 Resp: 1127492
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





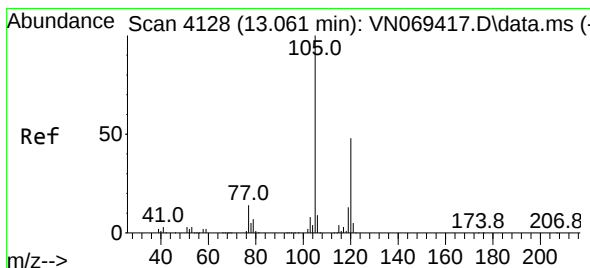
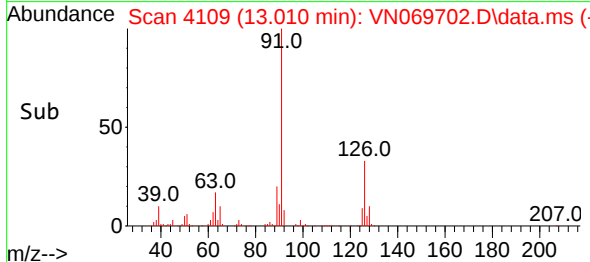
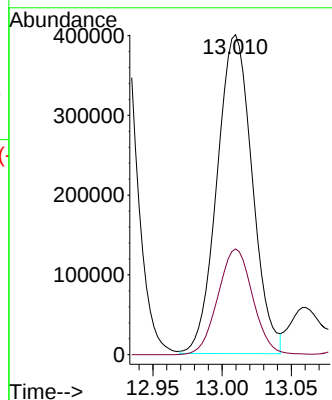
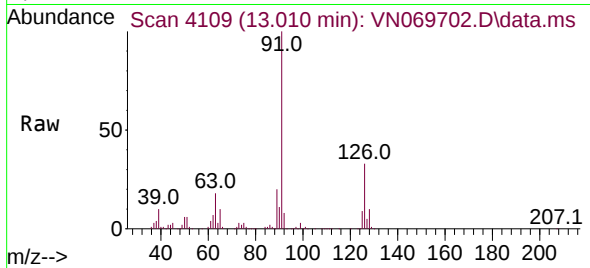
#79
2-Chlorotoluene
Concen: 18.513 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 70758
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

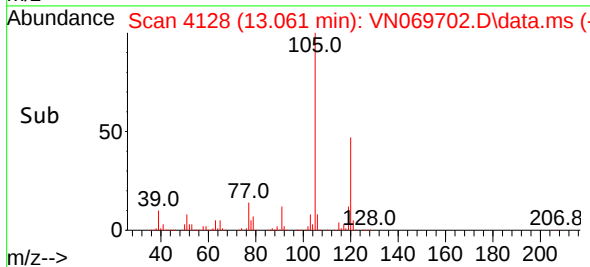
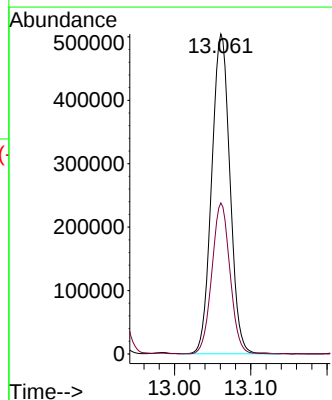
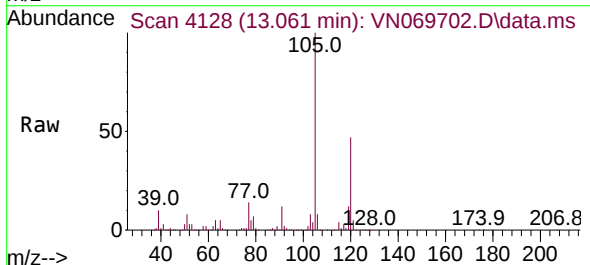
Manual Integrations
APPROVED

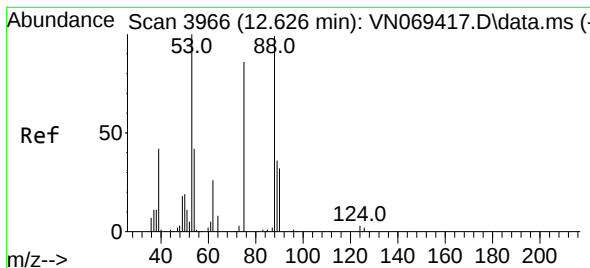
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 18.935 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Tgt Ion:105 Resp: 838328
Ion Ratio Lower Upper
105 100
120 46.8 24.6 73.6





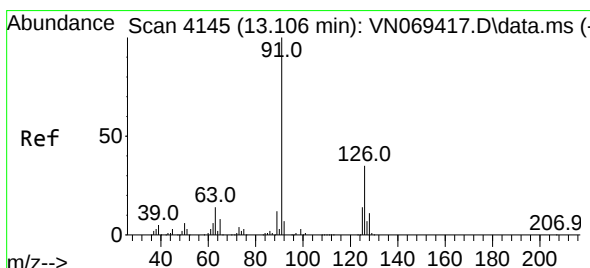
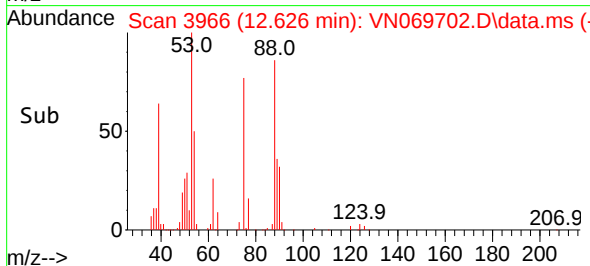
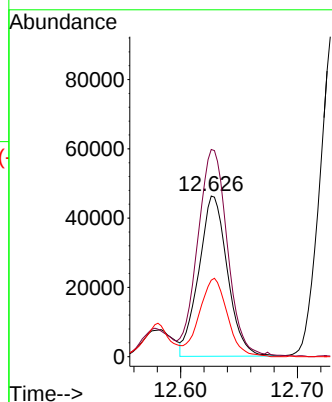
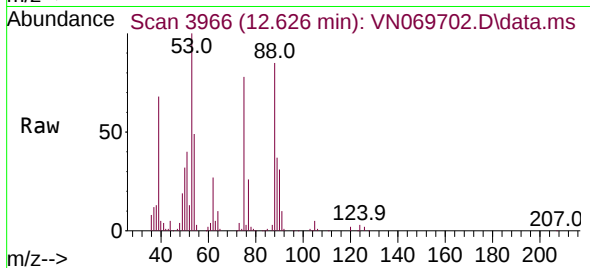
#81
trans-1,4-Dichloro-2-butene
Concen: 16.174 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 78625
Ion Ratio Lower Upper
75 100
53 135.2 90.5 135.7
89 47.8 38.2 57.4

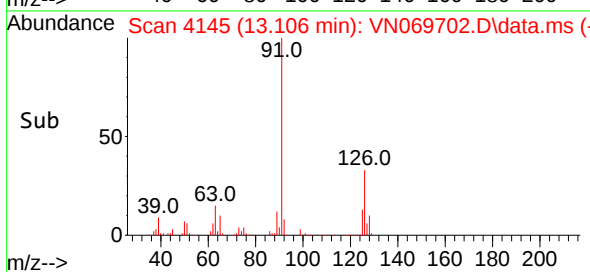
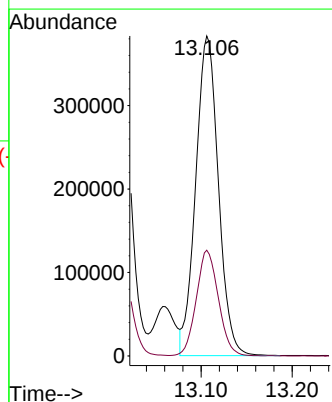
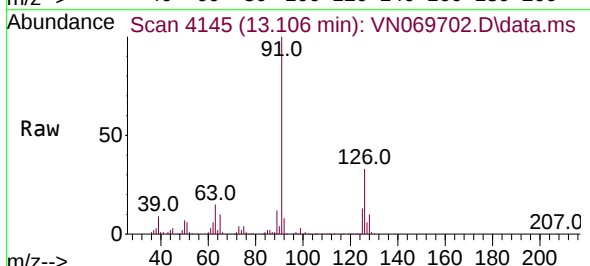
Manual Integrations
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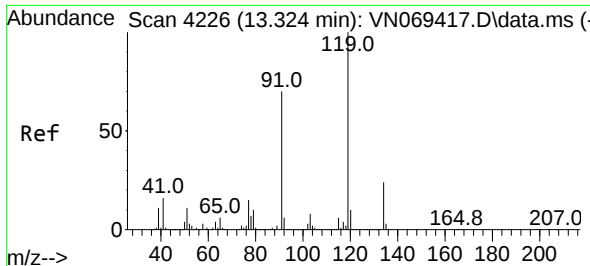
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 18.163 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

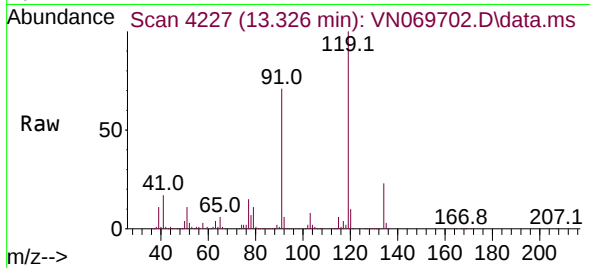
Tgt Ion: 91 Resp: 661039
Ion Ratio Lower Upper
91 100
126 32.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.583 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

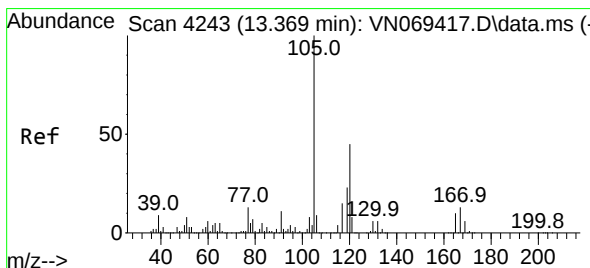
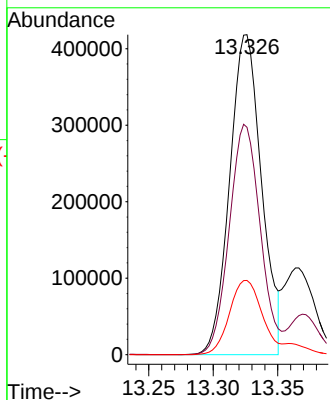
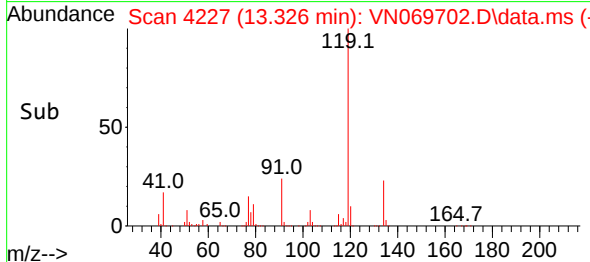
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



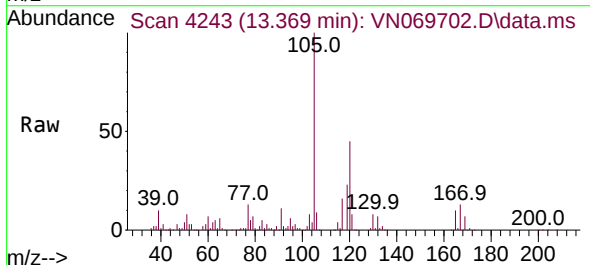
Tgt Ion:119 Resp: 720544
Ion Ratio Lower Upper
119 100
91 70.2 31.5 94.5
134 23.8 12.4 37.4

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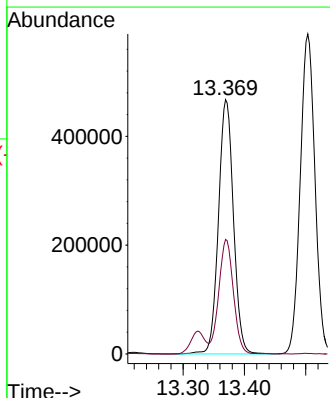
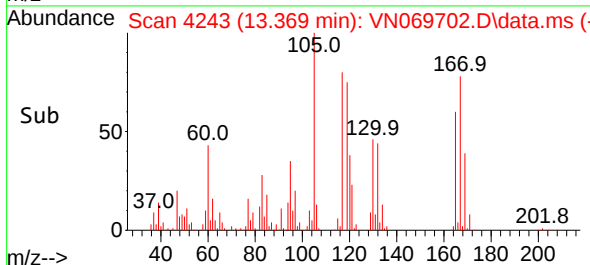
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#84
1,2,4-Trimethylbenzene
Concen: 18.626 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



Tgt Ion:105 Resp: 795278
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4





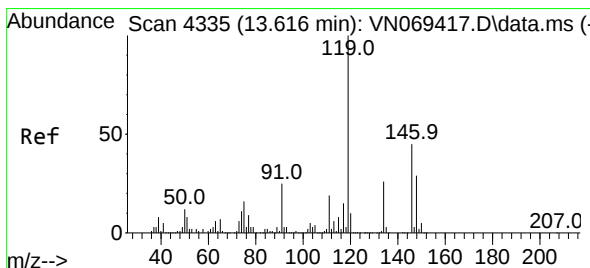
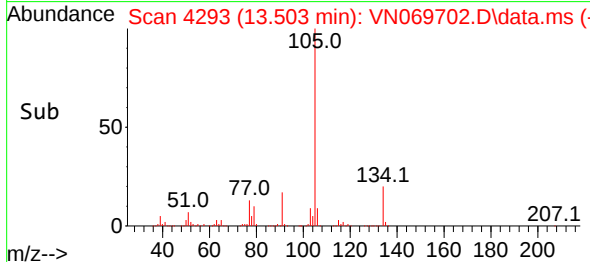
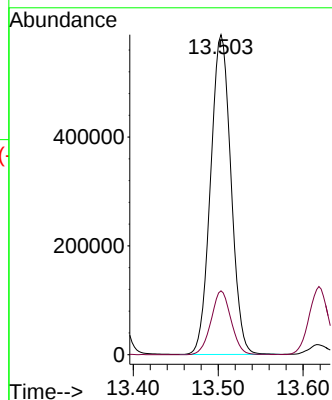
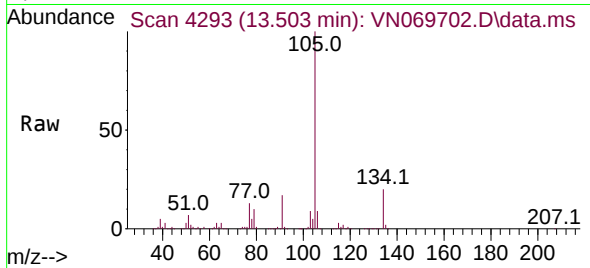
#85
 sec-Butylbenzene
 Concen: 18.116 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069702.D
 Acq: 2 Dec 2021 18:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 97801
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

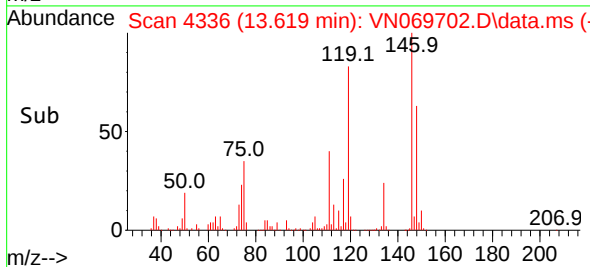
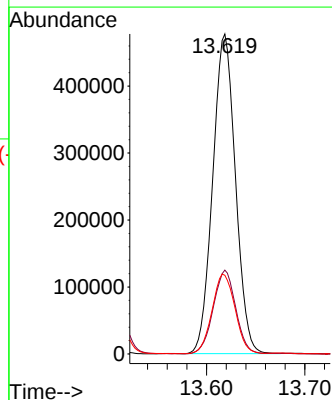
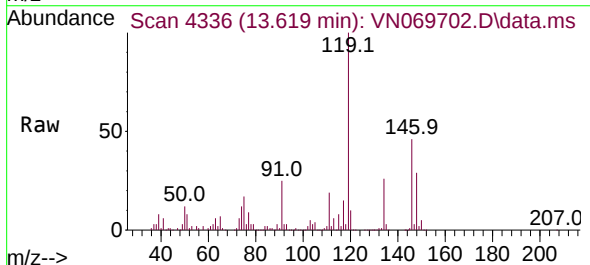
Manual Integrations
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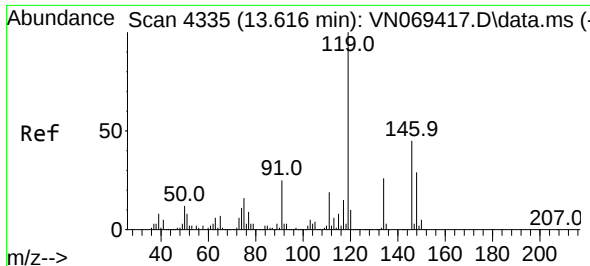
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#86
 p-Isopropyltoluene
 Concen: 17.918 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN069702.D
 Acq: 2 Dec 2021 18:29

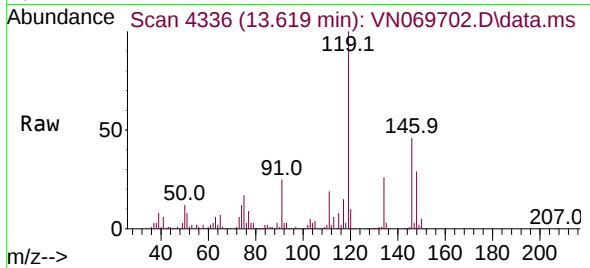
Tgt Ion:119 Resp: 765819
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 17.870 ug/l
RT: 13.619 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

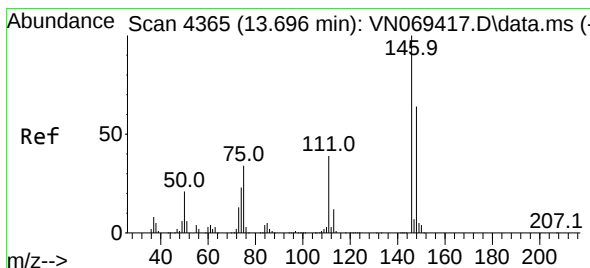
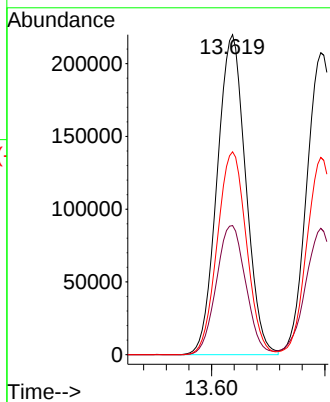
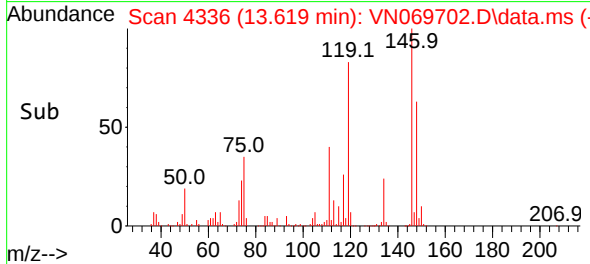
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



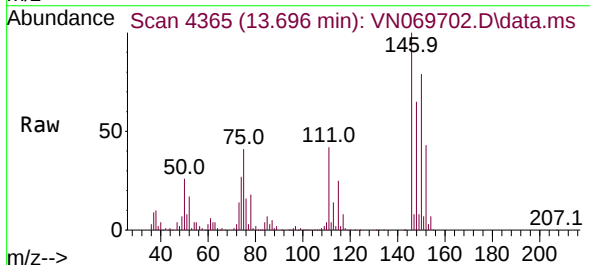
Tgt Ion:146 Resp: 385634
Ion Ratio Lower Upper
146 100
111 41.5 18.6 55.6
148 64.6 31.6 95.0

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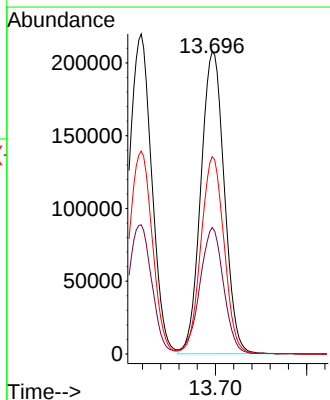
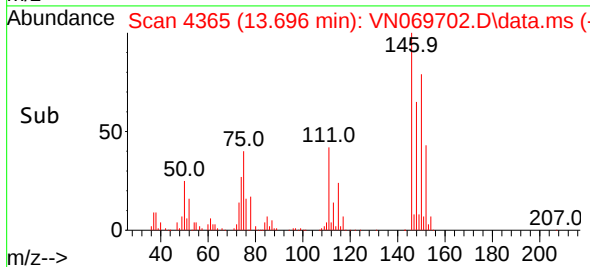
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

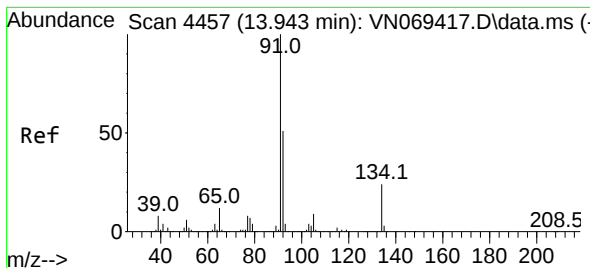


#88
1,4-Dichlorobenzene
Concen: 17.570 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29



Tgt Ion:146 Resp: 371208
Ion Ratio Lower Upper
146 100
111 42.2 18.3 54.8
148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 16.260 ug/l

RT: 13.946 min Scan# 4458

Delta R.T. 0.003 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

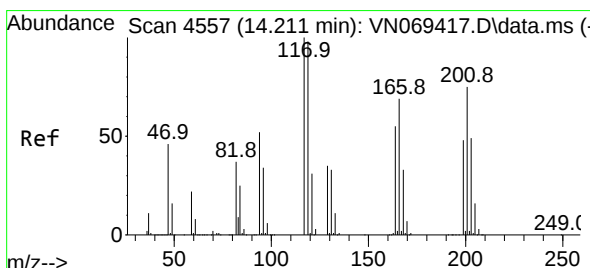
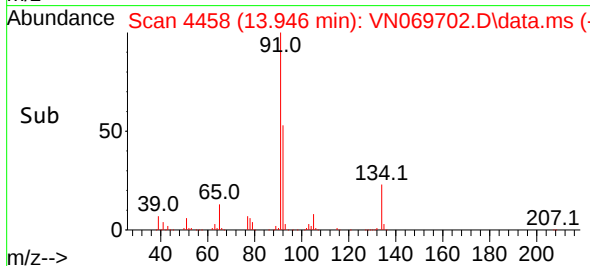
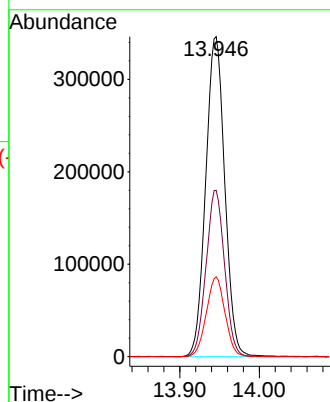
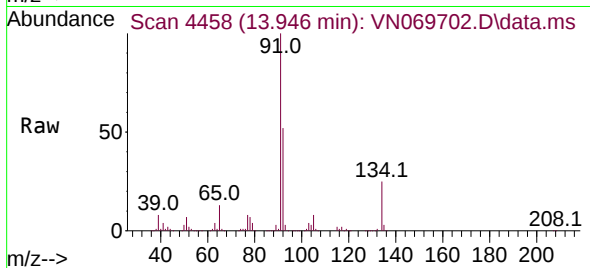
Tgt Ion: 91	Resp: 576698
Ion Ratio	Lower Upper
91	100
92	50.4 25.4 76.0
134	24.5 13.6 40.8

Manual Integrations

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Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#90

Hexachloroethane

Concen: 17.640 ug/l

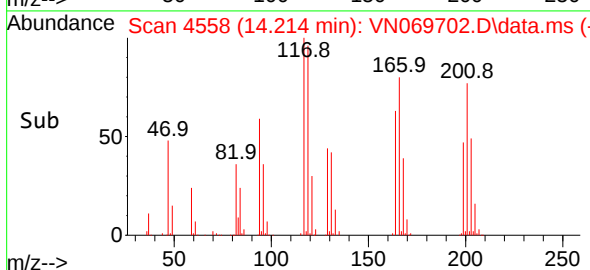
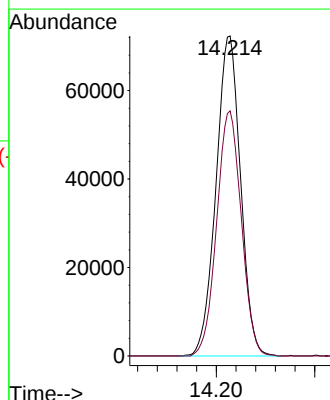
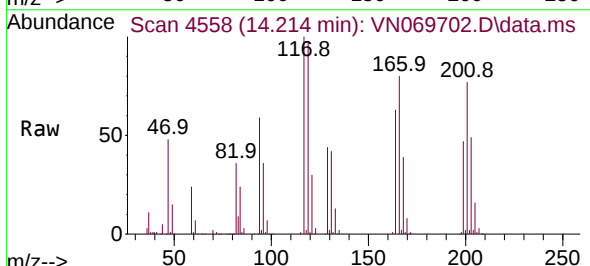
RT: 14.214 min Scan# 4558

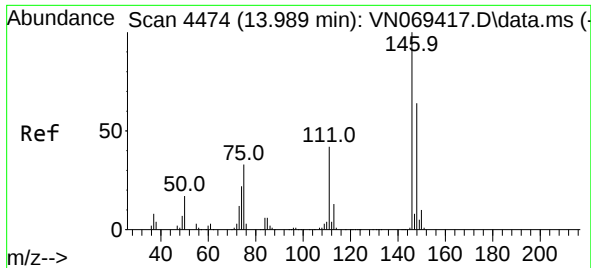
Delta R.T. 0.003 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Tgt Ion:117	Resp: 125176
Ion Ratio	Lower Upper
117	100
201	76.9 43.9 131.6





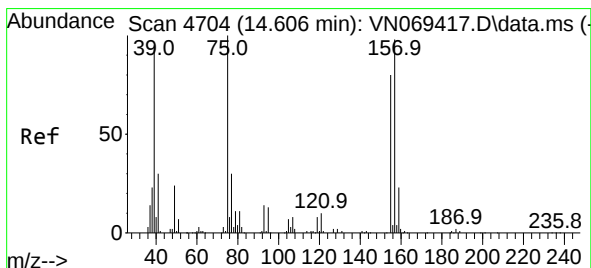
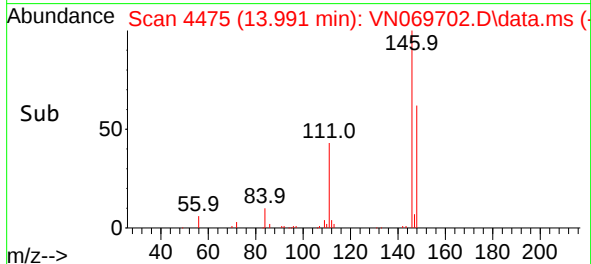
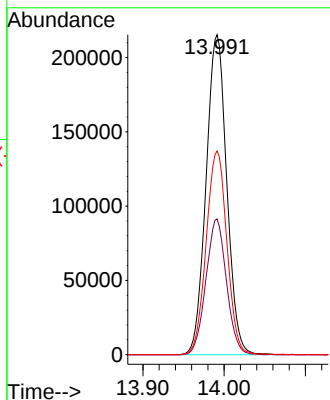
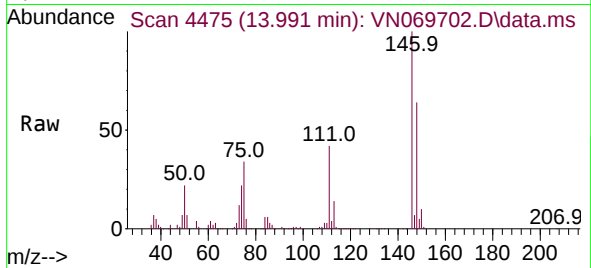
#91
1,2-Dichlorobenzene
Concen: 18.497 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 380590
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.3
148 63.9 32.1 96.3

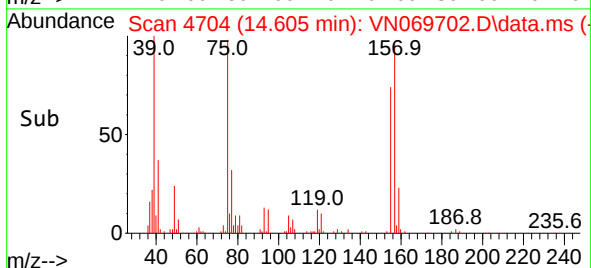
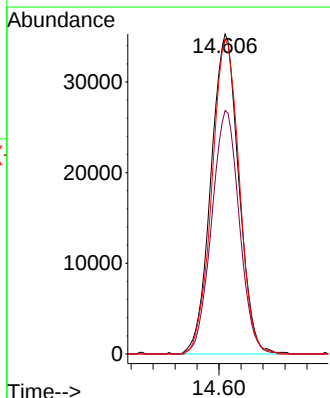
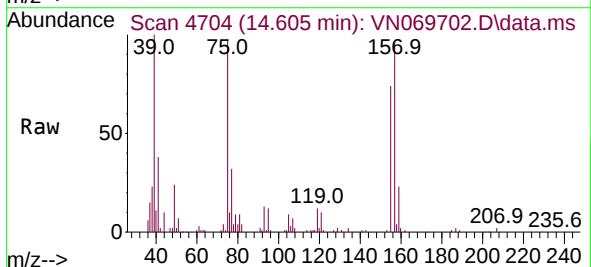
Manual Integrations
APPROVED

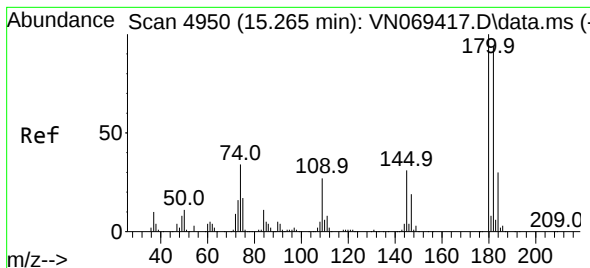
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.280 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Tgt Ion: 75 Resp: 61734
Ion Ratio Lower Upper
75 100
155 75.8 46.9 140.7
157 96.7 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 17.255 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:180 Resp: 15556

Ion Ratio Lower Upper

180 100

182 92.8 48.3 144.9

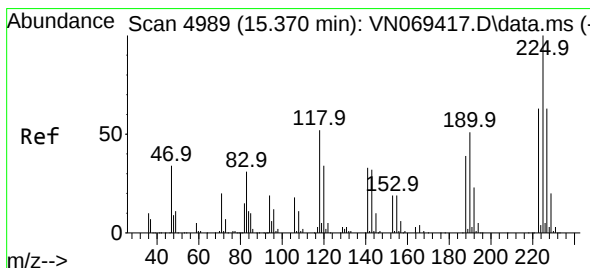
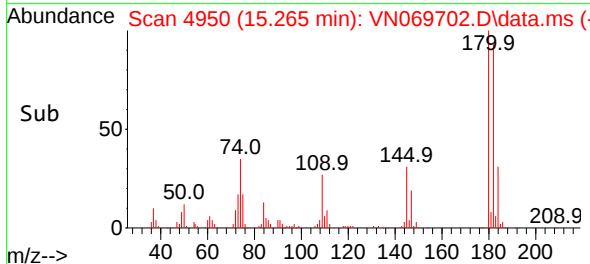
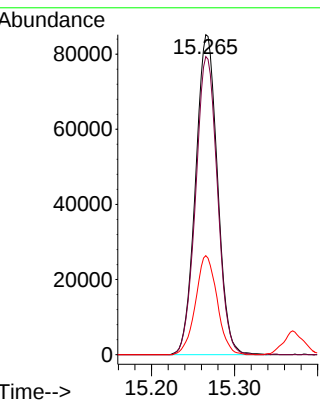
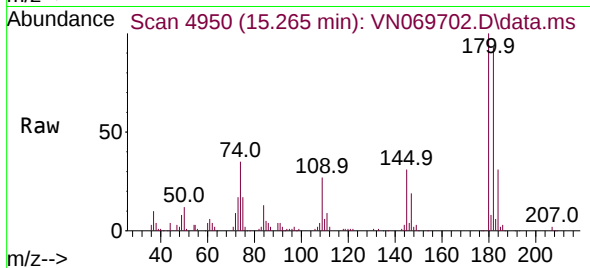
145 30.6 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#94

Hexachlorobutadiene

Concen: 18.901 ug/l

RT: 15.373 min Scan# 4990

Delta R.T. 0.003 min

Lab File: VN069702.D

Acq: 2 Dec 2021 18:29

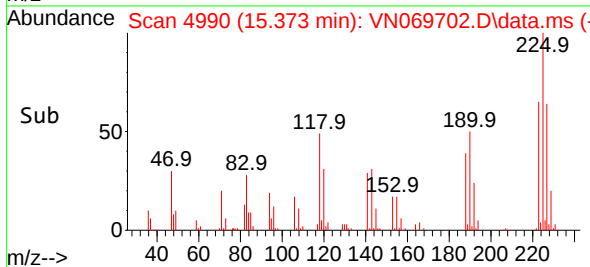
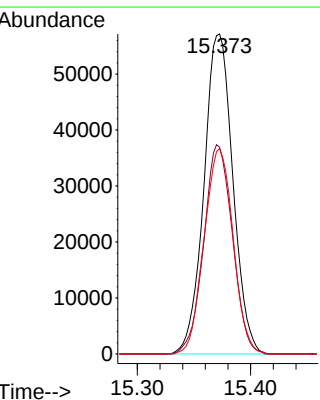
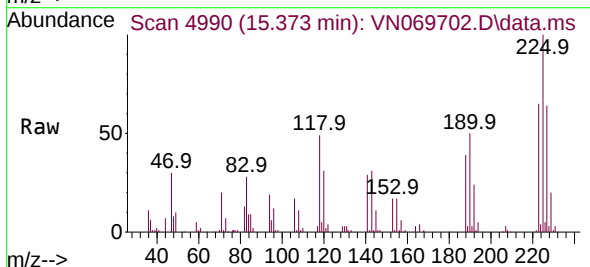
Tgt Ion:225 Resp: 101350

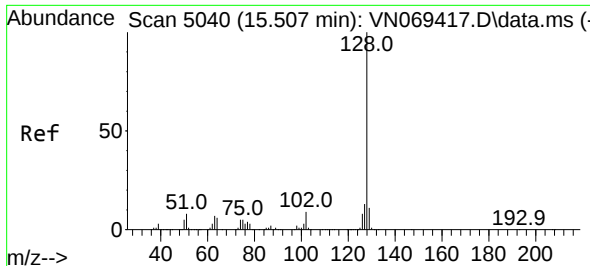
Ion Ratio Lower Upper

225 100

223 64.8 31.9 95.7

227 64.3 32.1 96.3





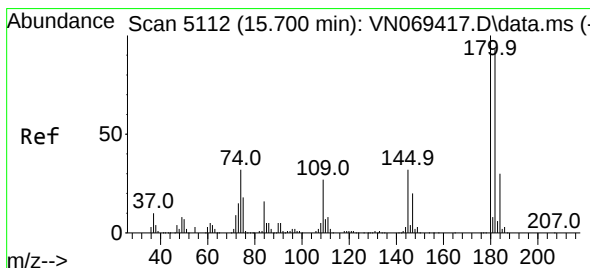
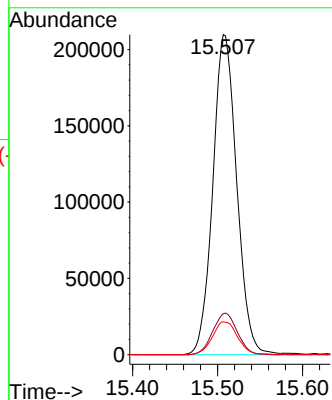
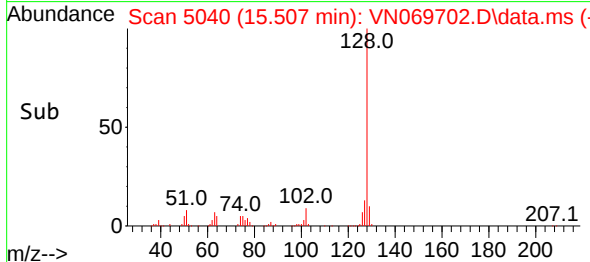
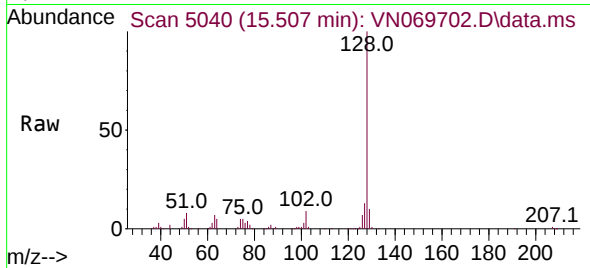
#95
Naphthalene
Concen: 16.643 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 409370
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 17.817 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069702.D
Acq: 2 Dec 2021 18:29

Tgt Ion:180 Resp: 155029
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.2
145 31.2 15.0 45.1

