

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071321\
 Data File : VW021632.D
 Acq On : 13 Jul 2021 09:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 03:30:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 13 01:14:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	486318	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	451804	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	244059	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	157559	51.207	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.420%			
7) Chloroethane-d5	1.558	69	123448	49.089	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.180%			
11) 1,1-Dichloroethene-d2	2.105	63	272642	48.430	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.860%			
21) 2-Butanone-d5	3.866	46	237577	90.407	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.410%			
24) Chloroform-d	4.342	84	305518	47.471	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.940%			
26) 1,2-Dichloroethane-d4	5.027	65	183600	48.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.820%			
32) Benzene-d6	5.047	84	620898	48.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.900%			
36) 1,2-Dichloropropane-d6	6.066	67	193963	48.478	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.960%			
41) Toluene-d8	7.313	98	581293	49.548	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.100%			
43) trans-1,3-Dichloroprop...	7.619	79	99434	49.959	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.920%			
47) 2-Hexanone-d5	8.085	63	171151	92.218	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.220%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	267516	49.626	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.260%			
66) 1,2-Dichlorobenzene-d4	11.625	152	233367	47.962	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	186909	44.436	ug/L	99
3) Chloromethane	1.240	50	182667	45.109	ug/L	100
5) Vinyl chloride	1.307	62	180228	44.957	ug/L	99
6) Bromomethane	1.506	94	106715	45.679	ug/L	97
8) Chloroethane	1.574	64	105174	45.632	ug/L	99
9) Trichlorofluoromethane	1.748	101	246604	48.877	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	139920	48.409	ug/L	99
12) 1,1-Dichloroethene	2.114	96	128508	46.270	ug/L	94
13) Acetone	2.156	43	216498	99.655	ug/L #	100
14) Carbon disulfide	2.288	76	419621	42.854	ug/L	100
15) Methyl Acetate	2.423	43	171544	42.492	ug/L	100
16) Methylene chloride	2.500	84	168042	44.570	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	154838	45.697	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	501143	45.666	ug/L	99
19) 1,1-Dichloroethane	3.185	63	283972	46.009	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	173665	46.092	ug/L	96
22) 2-Butanone	3.947	43	280904	93.625	ug/L	97
23) Bromochloromethane	4.243	128	91099	45.807	ug/L	95
25) Chloroform	4.371	83	293198	46.595	ug/L	99

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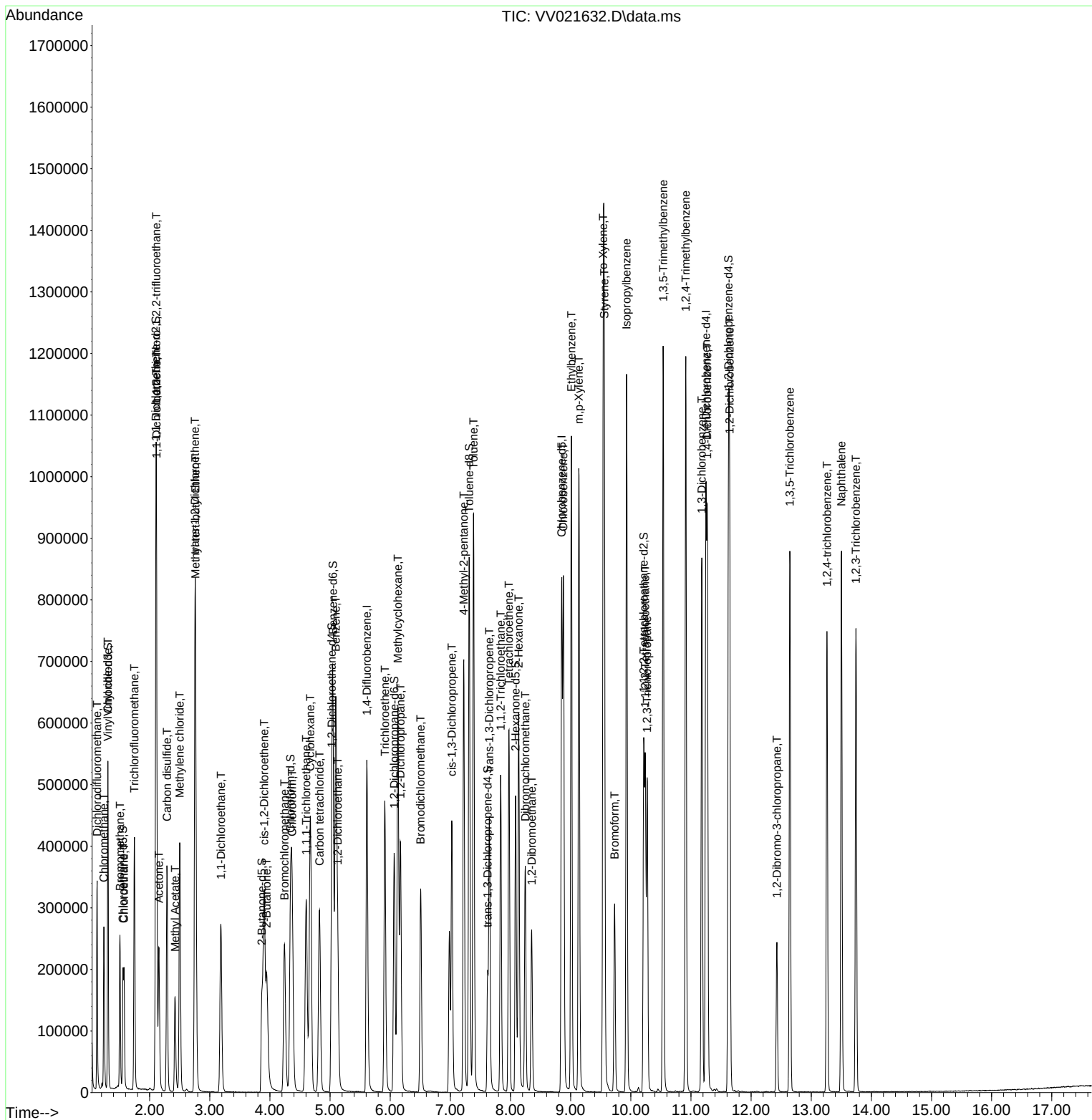
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 ClientSampleId :

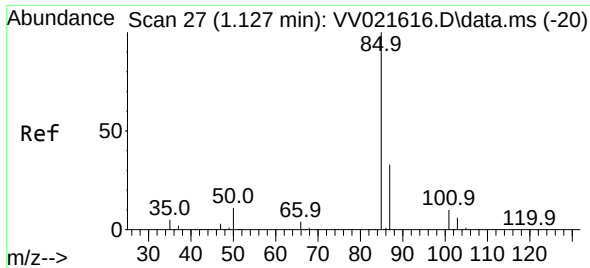
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	213425	46.632	ug/L	99
29) Cyclohexane	4.670	56	260490	45.660	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	261259	45.995	ug/L	99
31) Carbon tetrachloride	4.825	117	229078	45.793	ug/L	99
33) Benzene	5.095	78	639338	46.498	ug/L	100
34) Trichloroethene	5.911	95	168575	45.356	ug/L	99
35) Methylcyclohexane	6.127	83	272023	46.100	ug/L	99
37) 1,2-Dichloropropane	6.172	63	163111	45.639	ug/L	100
38) Bromodichloromethane	6.506	83	221550	45.871	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	265664	45.077	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	457183	87.144	ug/L	100
42) Toluene	7.384	91	688838	46.772	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	252476	45.873	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	162477	46.277	ug/L	98
46) Tetrachloroethene	7.976	164	136524	46.185	ug/L	98
48) 2-Hexanone	8.136	43	378471	91.268	ug/L	98
49) Dibromochloromethane	8.246	129	188378	46.588	ug/L	98
50) 1,2-Dibromoethane	8.352	107	177177	46.025	ug/L	99
51) Chlorobenzene	8.879	112	449369	46.887	ug/L	98
52) Ethylbenzene	9.011	91	753059	47.066	ug/L	100
53) m,p-Xylene	9.136	106	289722	47.185	ug/L	96
54) o-Xylene	9.542	106	288737	47.135	ug/L	99
55) Styrene	9.561	104	495241	47.844	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	263041	48.061	ug/L	99
59) Bromoform	9.731	173	139466	44.460	ug/L	100
60) Isopropylbenzene	9.931	105	759634	45.633	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	202377	42.895	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	647381	45.631	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	656864	45.751	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	361531	46.185	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	359285	45.921	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	361480	46.079	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	57177	40.880	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	268354	45.874	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	227898	45.300	ug/L	99
71) Naphthalene	13.503	128	682648	44.554	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	229106	46.108	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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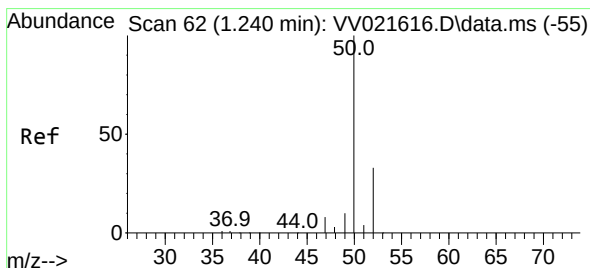
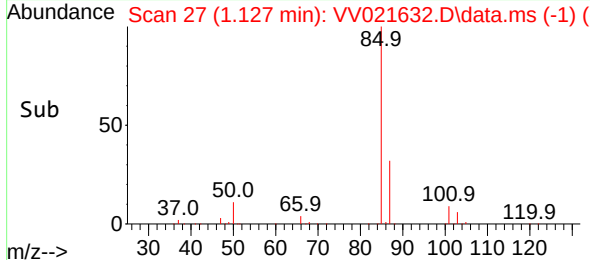
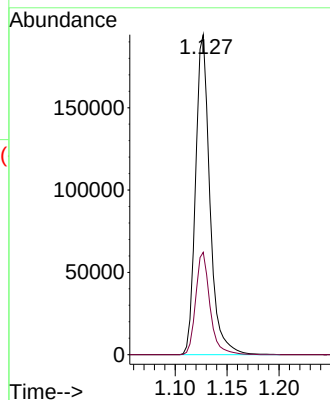
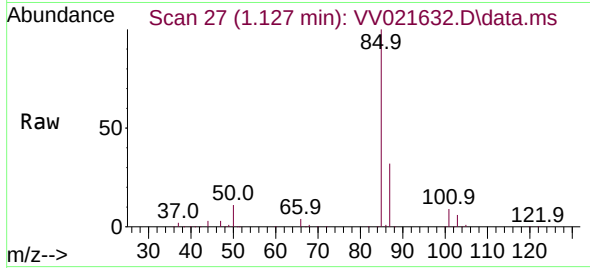




#2
 Dichlorodifluoromethane
 Concen: 44.436 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021632.D
 Acq: 13 Jul 2021 09:37

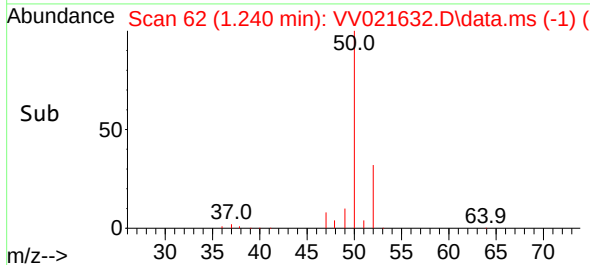
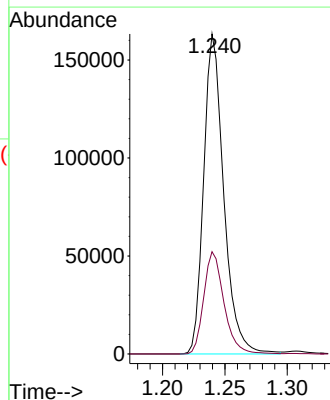
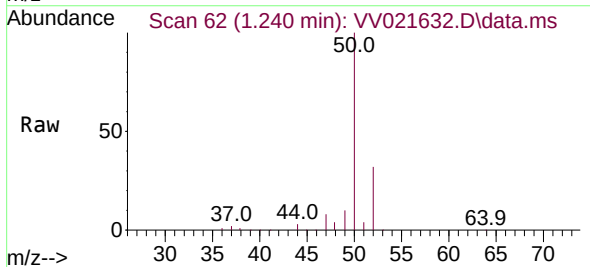
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 MSVOA_V
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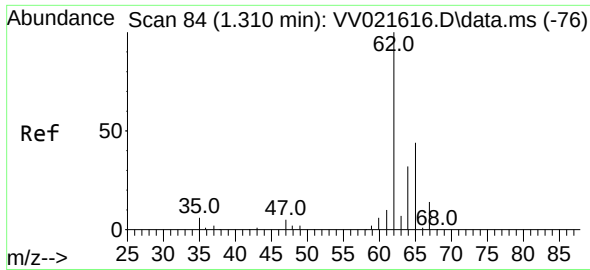
Tgt Ion: 85 Resp: 186909
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.1 39.1



#3
 Chloromethane
 Concen: 45.109 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021632.D
 Acq: 13 Jul 2021 09:37

Tgt Ion: 50 Resp: 182667
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.3 41.5

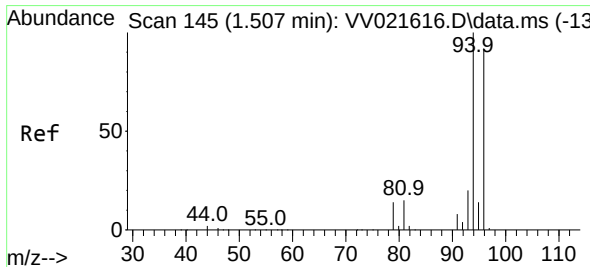
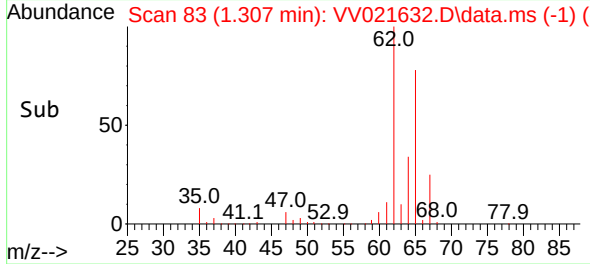
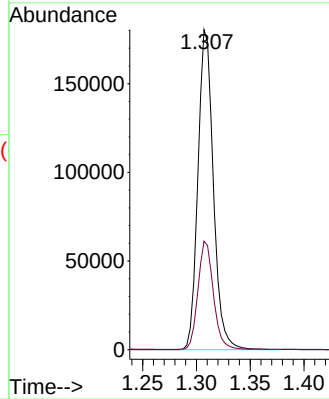
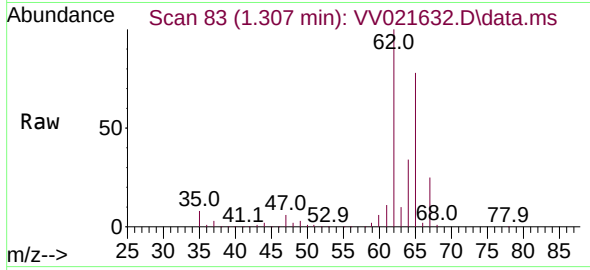




#5
 Vinyl chloride
 Concen: 44.957 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV021632.D
 Acq: 13 Jul 2021 09:37

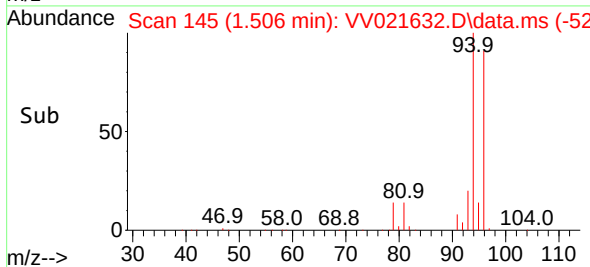
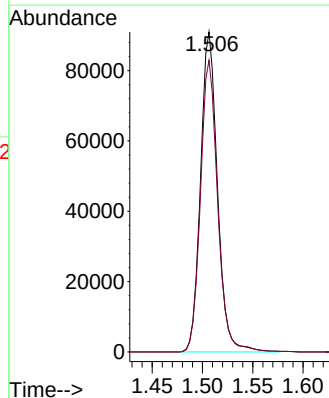
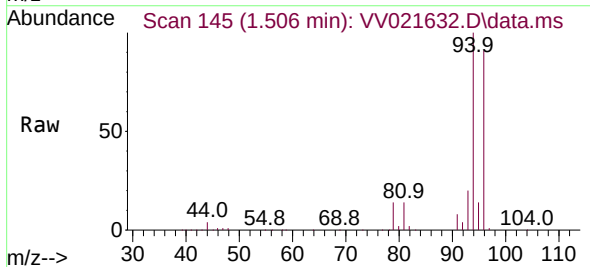
Instrument :
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 ClientSampled :

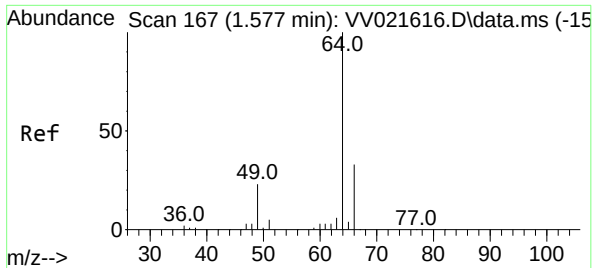
Tgt Ion: 62 Resp: 180228
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.3 43.3



#6
 Bromomethane
 Concen: 45.679 ug/L
 RT: 1.506 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV021632.D
 Acq: 13 Jul 2021 09:37

Tgt Ion: 94 Resp: 106715
 Ion Ratio Lower Upper
 94 100
 96 91.2 65.5 121.7

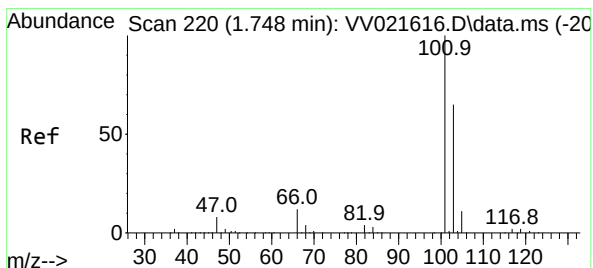
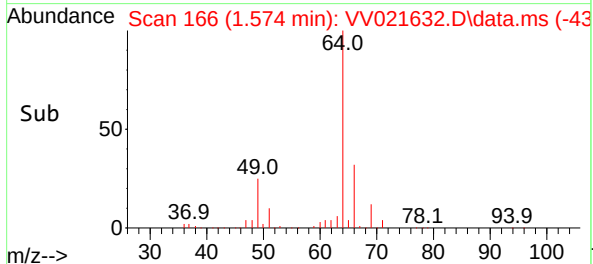
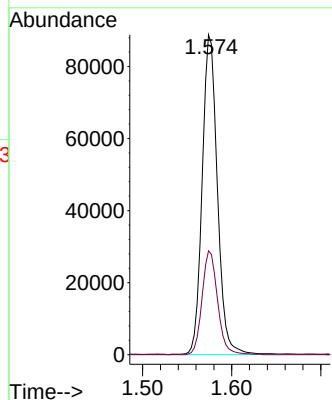
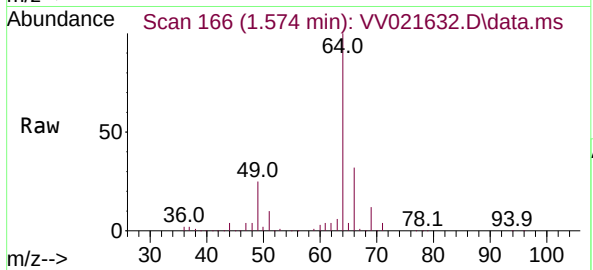




#8
Chloroethane
Concen: 45.632 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

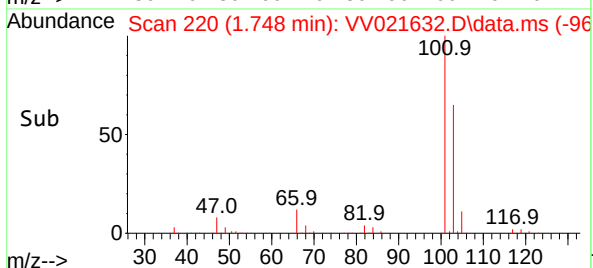
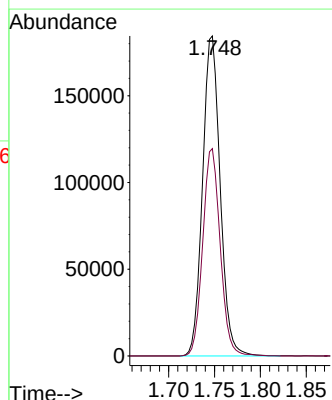
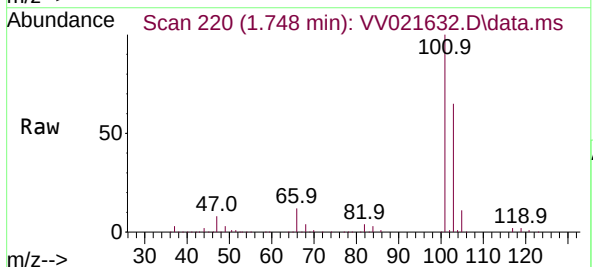
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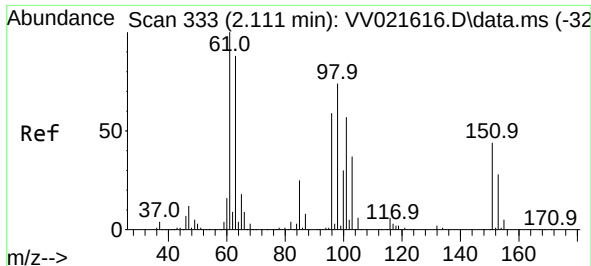
Tgt Ion: 64 Resp: 105174
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 48.877 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion:101 Resp: 246604
Ion Ratio Lower Upper
101 100
103 64.2 52.4 78.6

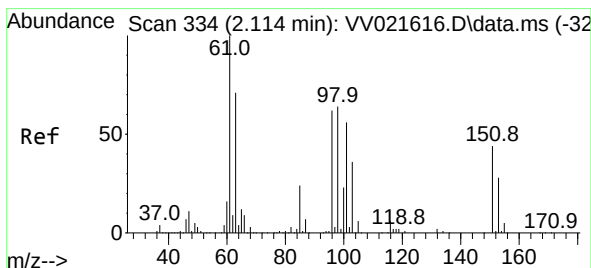
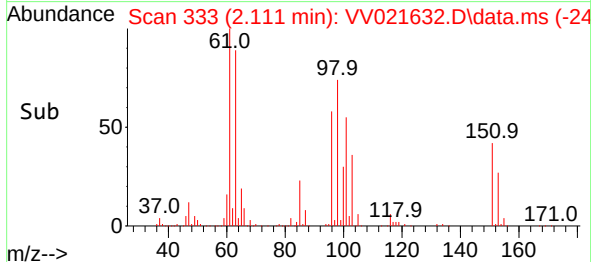
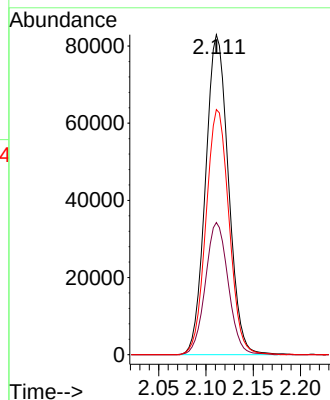
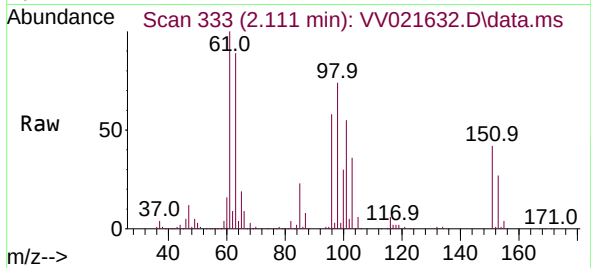




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.409 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

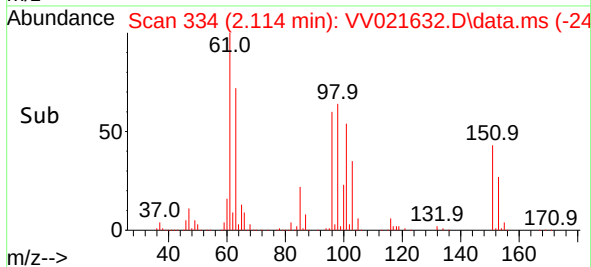
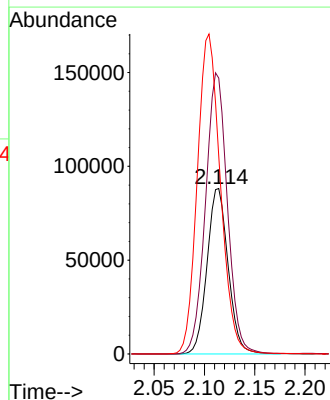
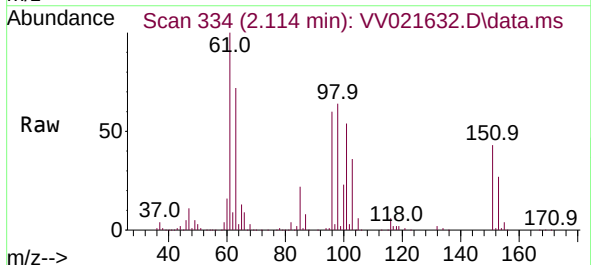
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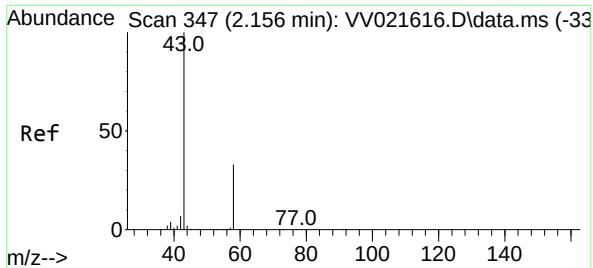
Tgt Ion:101 Resp: 139920
Ion Ratio Lower Upper
101 100
85 41.2 33.3 49.9
151 77.1 62.8 94.2



#12
1,1-Dichloroethene
Concen: 46.270 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 96 Resp: 128508
Ion Ratio Lower Upper
96 100
61 166.8 112.9 209.7
63 119.6 90.8 168.6





#13

Acetone

Concen: 99.655 ug/L

RT: 2.156 min Scan# 347

Delta R.T. -0.000 min

Lab File: VV021632.D

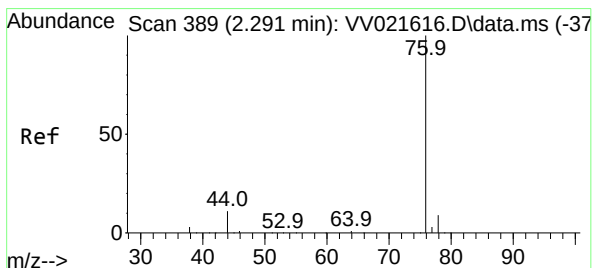
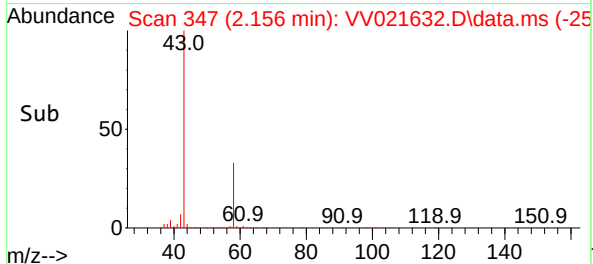
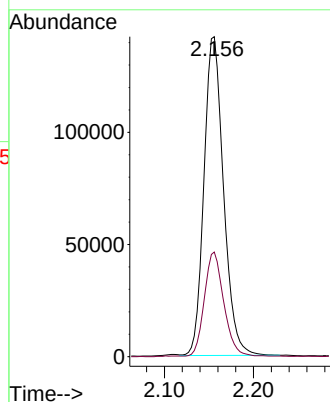
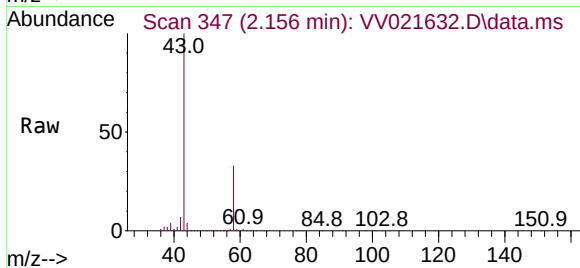
Acq: 13 Jul 2021 09:37

Tgt Ion: 43 Resp: 216498

Ion Ratio Lower Upper

43 100

58 32.3 0.0 0.0#



#14

Carbon disulfide

Concen: 42.854 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV021632.D

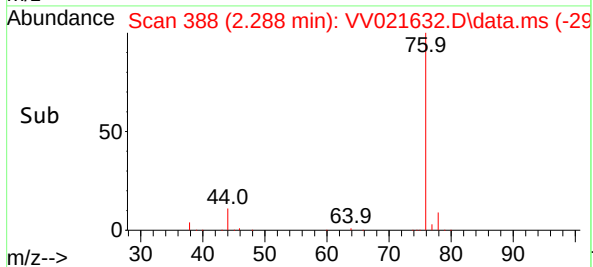
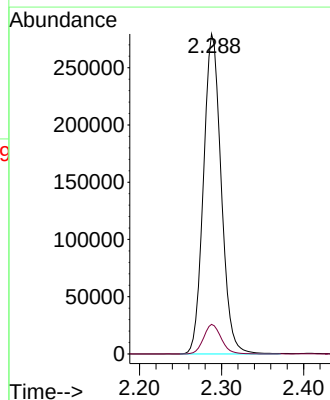
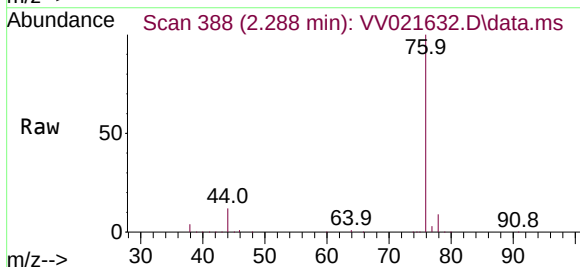
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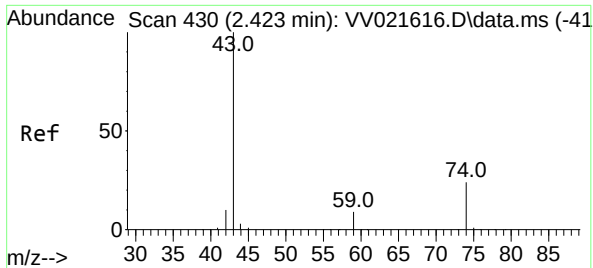
Tgt Ion: 76 Resp: 419621

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

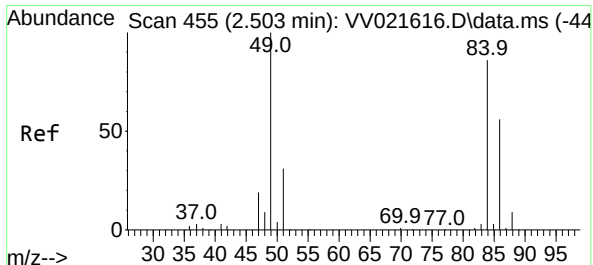
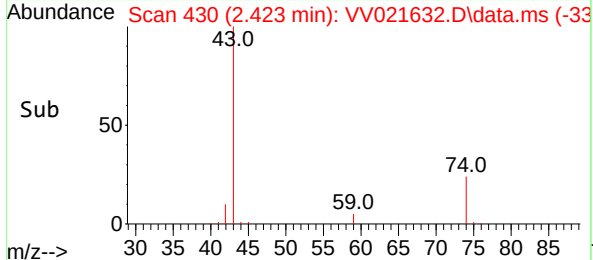
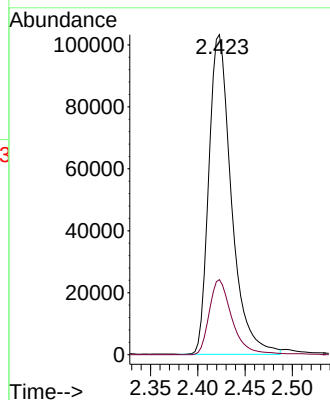
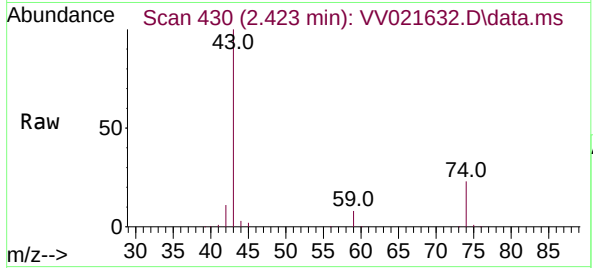




#15
Methyl Acetate
Concen: 42.492 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

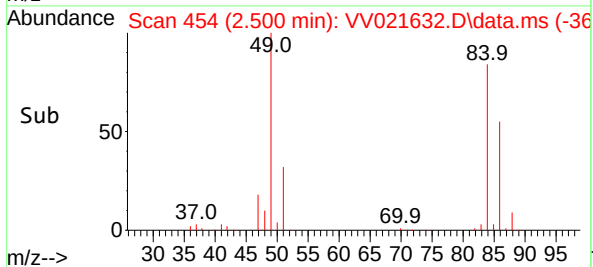
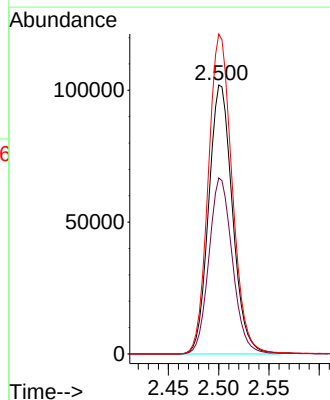
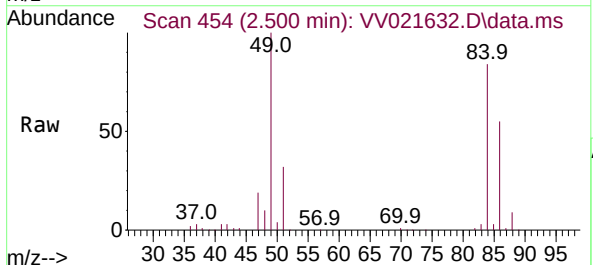
Instrument :
MSVOA_V
ClientSampled :

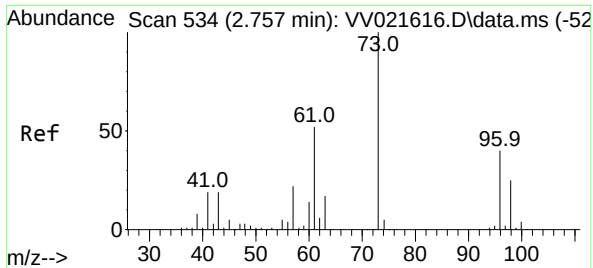
Tgt Ion: 43 Resp: 171544
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6



#16
Methylene chloride
Concen: 44.570 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 84 Resp: 168042
Ion Ratio Lower Upper
84 100
86 65.4 45.1 83.9
49 119.0 82.5 153.3

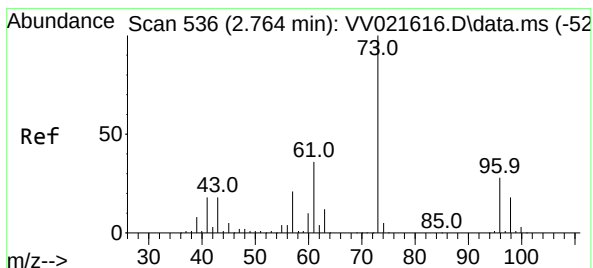
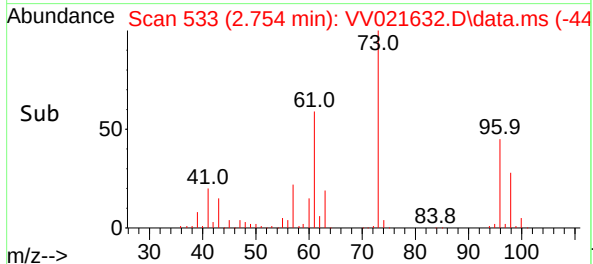
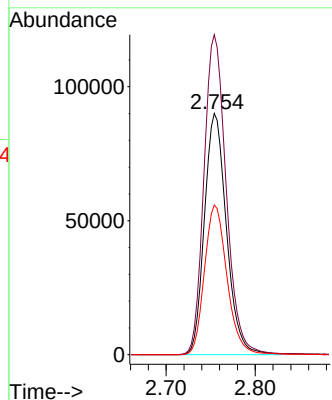
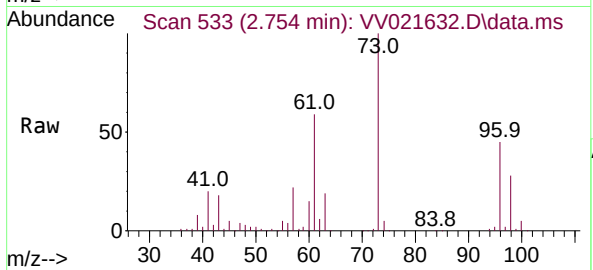




#17
trans-1,2-Dichloroethene
Concen: 45.697 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

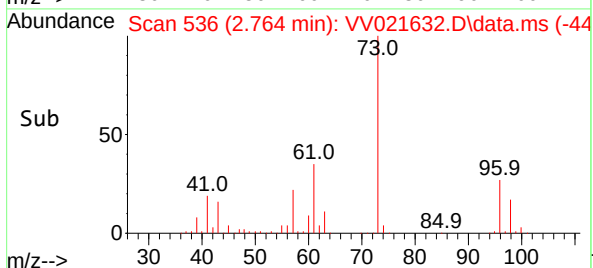
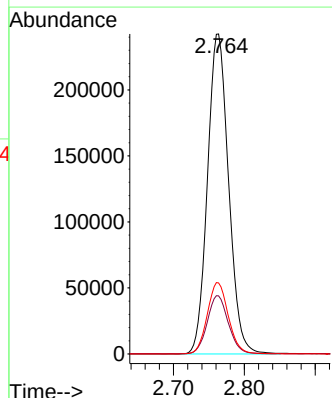
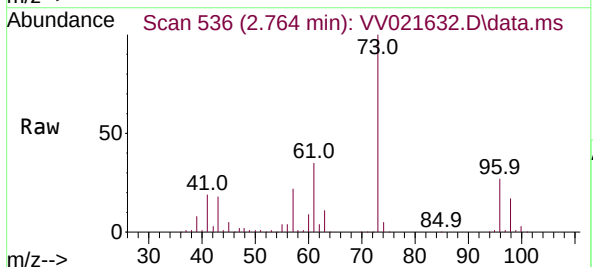
Instrument :
MSVOA_V
ClientSampleId :

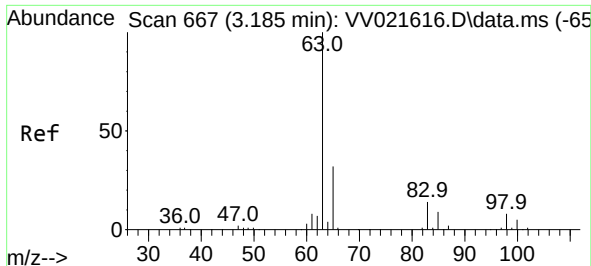
Tgt Ion: 96 Resp: 154838
Ion Ratio Lower Upper
96 100
61 132.6 93.0 172.6
98 62.0 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 45.666 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 73 Resp: 501143
Ion Ratio Lower Upper
73 100
43 18.0 14.6 22.0
57 22.3 17.4 26.2





#19

1,1-Dichloroethane

Concen: 46.009 ug/L

RT: 3.185 min Scan# 667

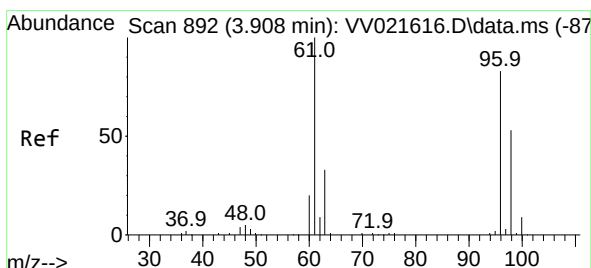
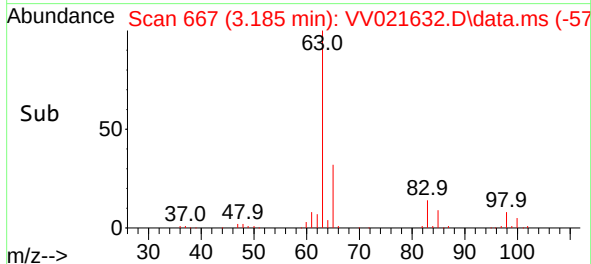
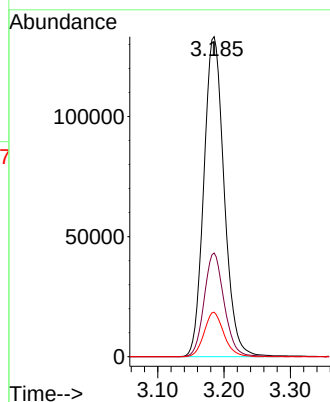
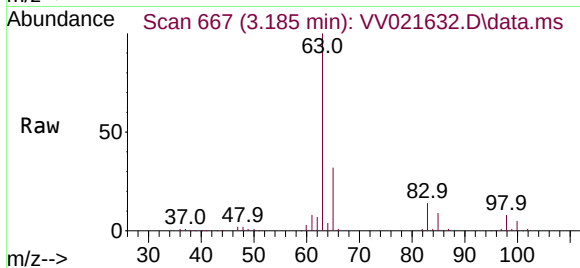
Delta R.T. -0.000 min

Lab File: VV021632.D

Acq: 13 Jul 2021 09:37

Tgt Ion: 63 Resp: 283972

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.4	41.6
83	13.9	9.4	17.6



#20

cis-1,2-Dichloroethene

Concen: 46.092 ug/L

RT: 3.905 min Scan# 891

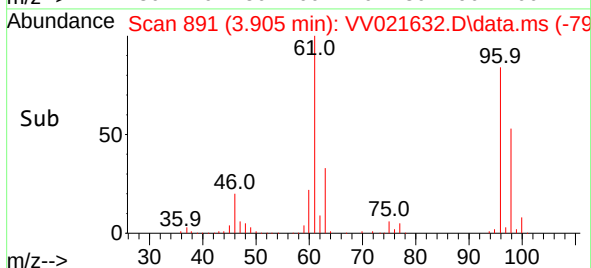
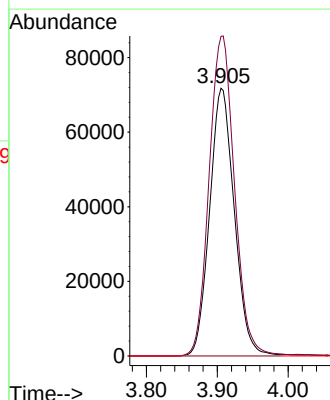
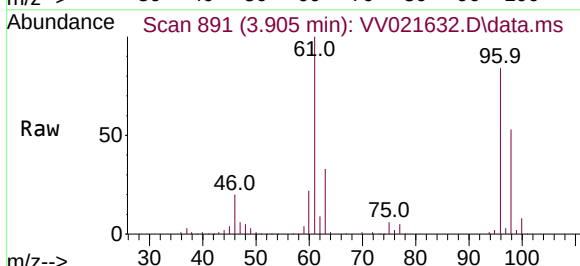
Delta R.T. -0.003 min

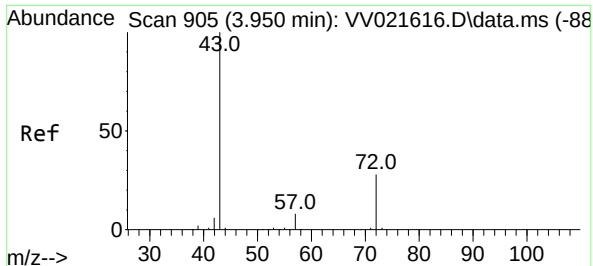
Lab File: VV021632.D

Acq: 13 Jul 2021 09:37

Tgt Ion: 96 Resp: 173665

Ion	Ratio	Lower	Upper
96	100		
61	119.4	86.9	161.3
68	0.0	0.0	0.0

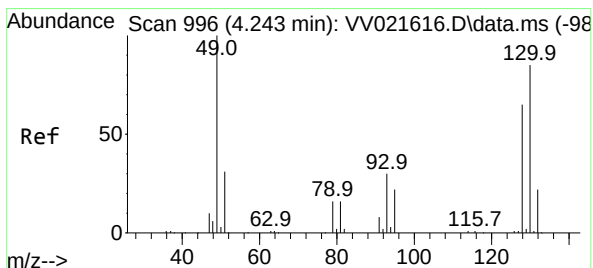
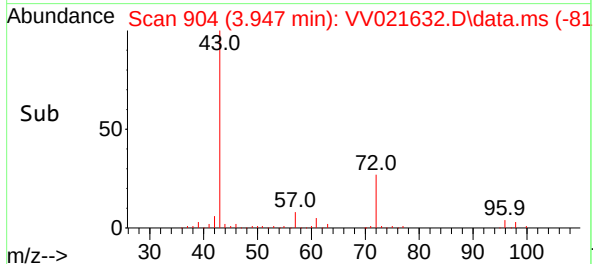
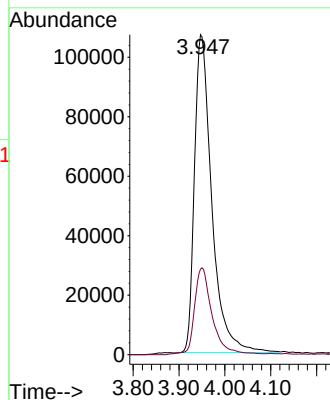
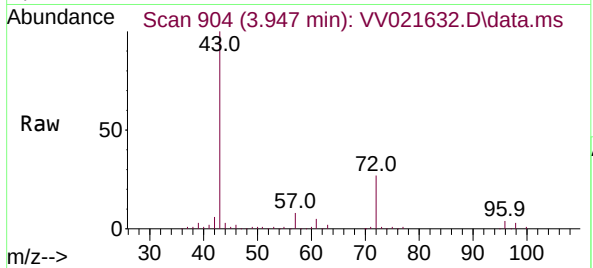




#22
2-Butanone
Concen: 93.625 ug/L
RT: 3.947 min Scan# 904
Delta R.T. -0.003 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

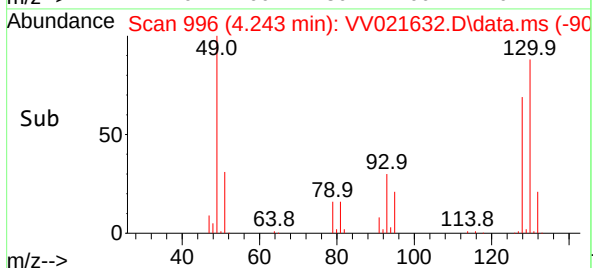
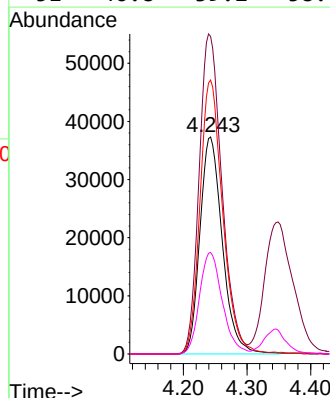
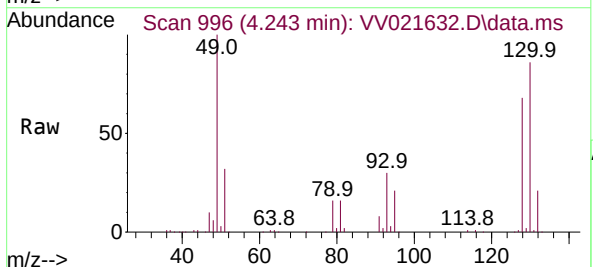
Instrument :
MSVOA_V
ClientSampled :

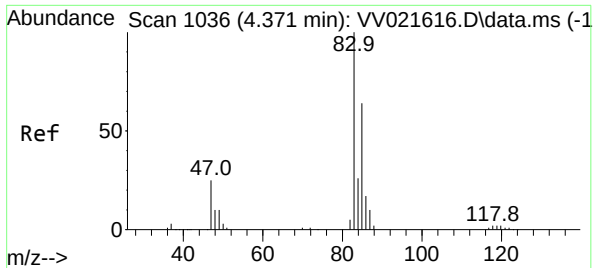
Tgt Ion: 43 Resp: 280904
Ion Ratio Lower Upper
43 100
72 27.8 13.3 39.8



#23
Bromochloromethane
Concen: 45.807 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 128 Resp: 91099
Ion Ratio Lower Upper
128 100
49 146.4 107.5 199.7
130 126.3 92.2 171.2
51 46.8 39.2 58.8

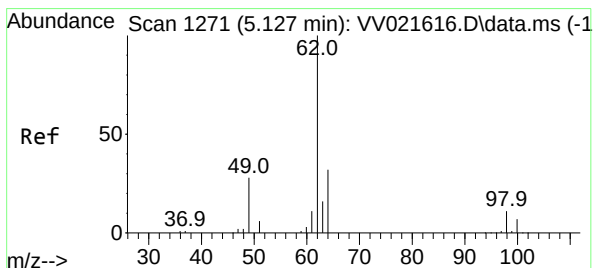
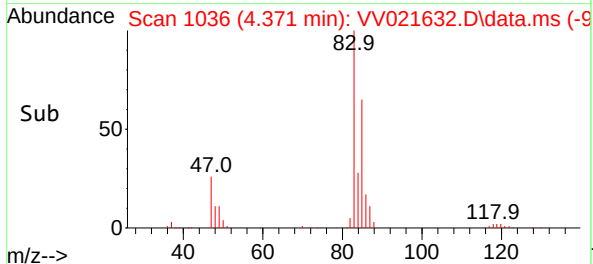
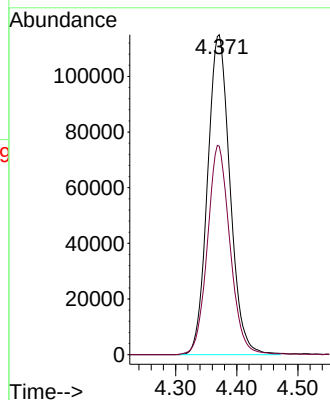
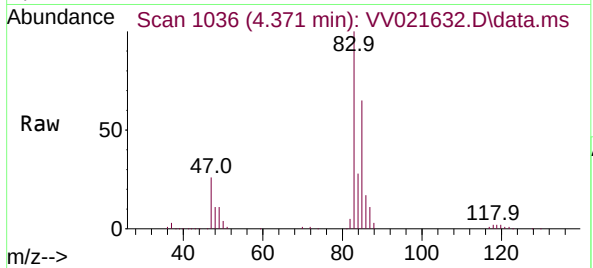




#25
Chloroform
Concen: 46.595 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

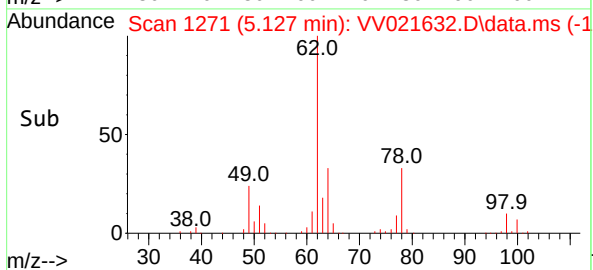
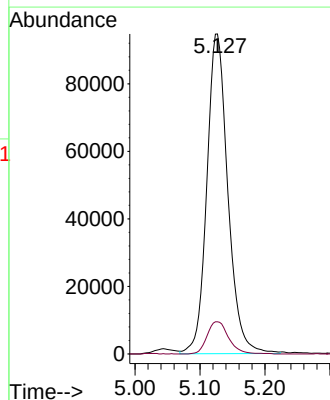
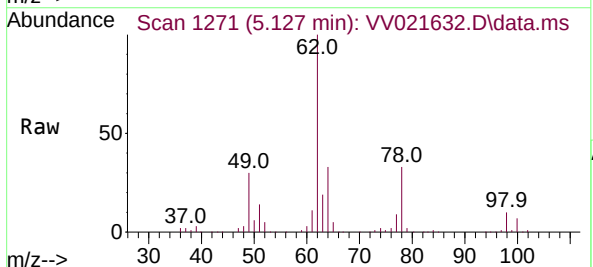
Instrument :
MSVOA_V
ClientSampled :

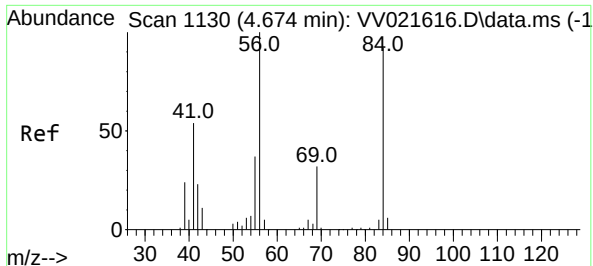
Tgt Ion: 83 Resp: 293198
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 46.632 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 62 Resp: 213425
Ion Ratio Lower Upper
62 100
98 10.0 8.2 12.4





#29

Cyclohexane

Concen: 45.660 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV021632.D

Acq: 13 Jul 2021 09:37

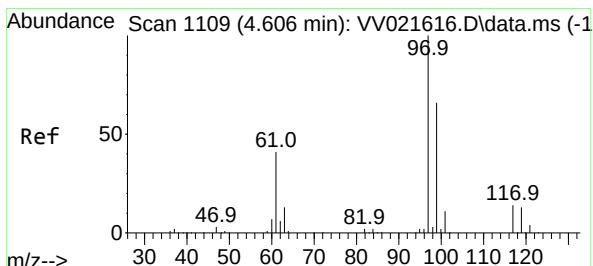
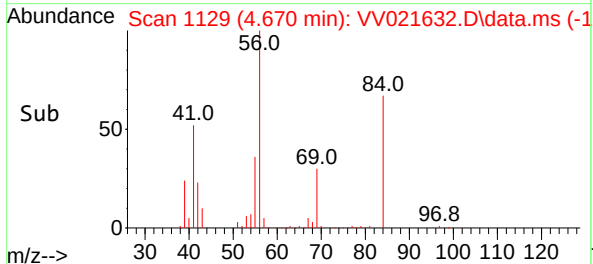
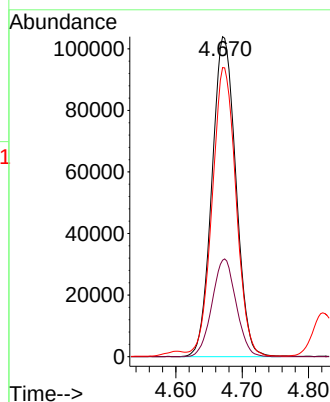
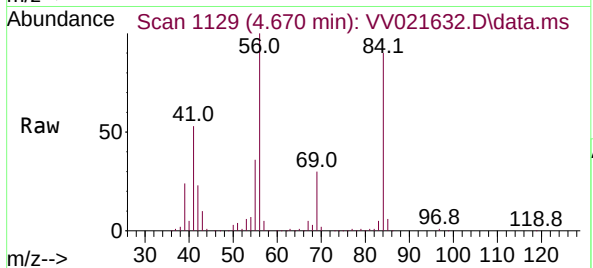
Tgt Ion: 56 Resp: 260490

Ion Ratio Lower Upper

56 100

69 30.7 24.9 37.3

84 90.0 71.6 107.4



#30

1,1,1-Trichloroethane

Concen: 45.995 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV021632.D

Acq: 13 Jul 2021 09:37

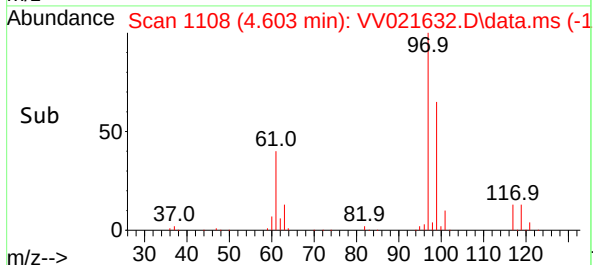
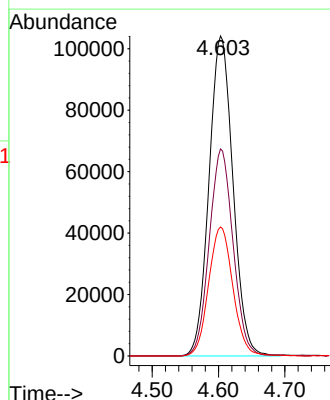
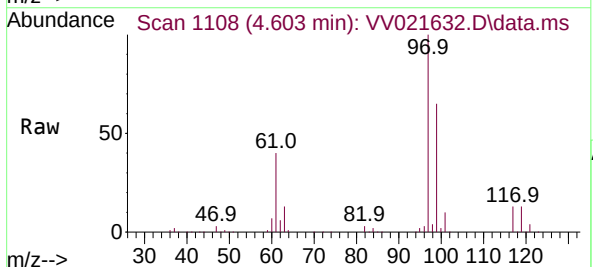
Tgt Ion: 97 Resp: 261259

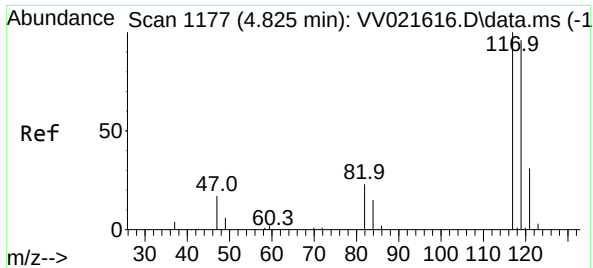
Ion Ratio Lower Upper

97 100

99 64.3 52.1 78.1

61 40.8 32.6 49.0

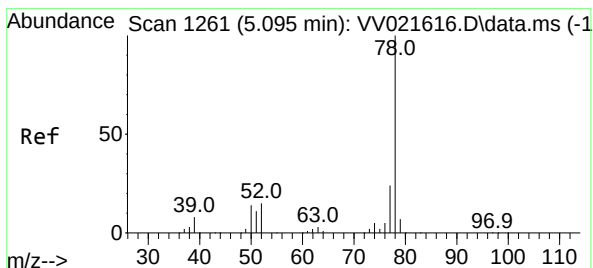
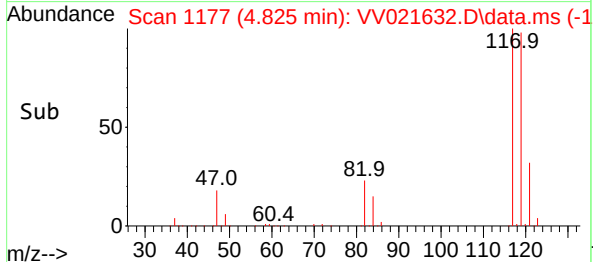
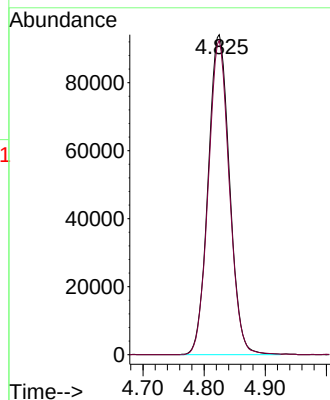
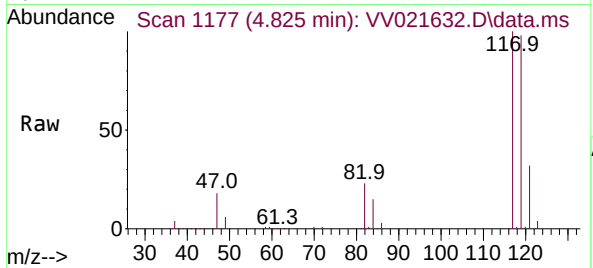




#31
Carbon tetrachloride
Concen: 45.793 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

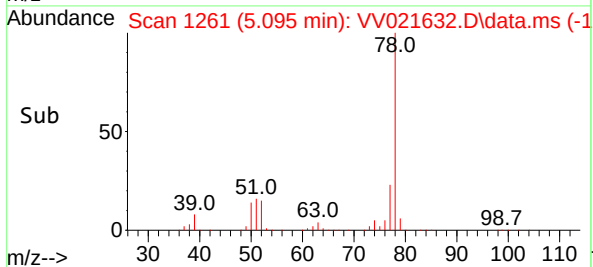
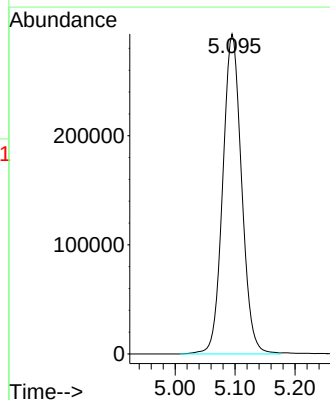
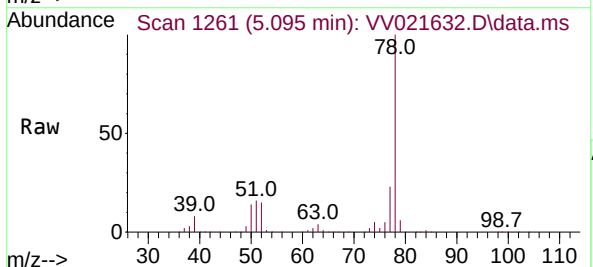
Instrument :
MSVOA_V
ClientSampled :

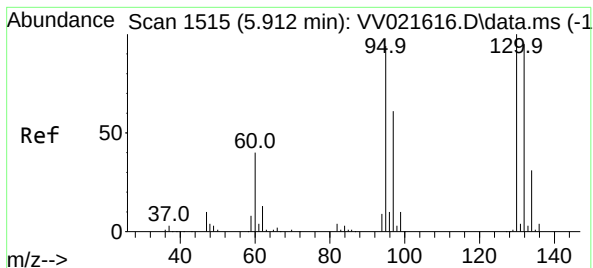
Tgt Ion:117 Resp: 229078
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7



#33
Benzene
Concen: 46.498 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 78 Resp: 639338



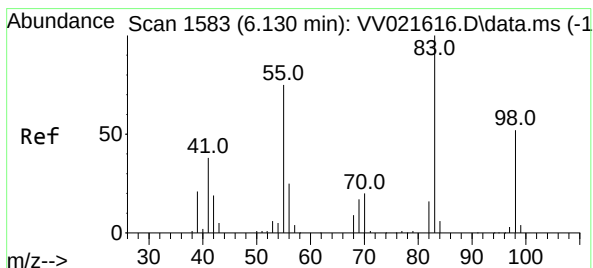
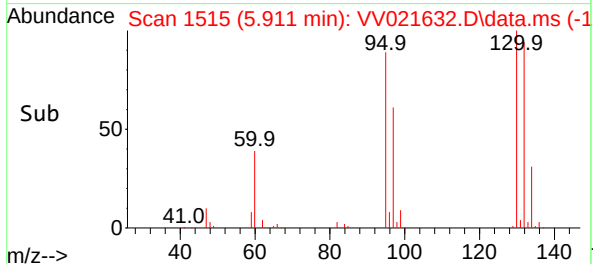
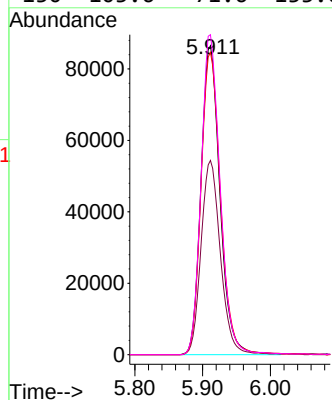
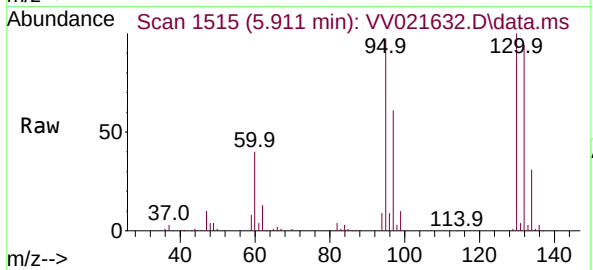


#34
Trichloroethene
Concen: 45.356 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 168575

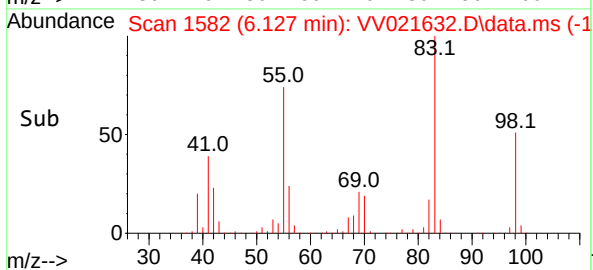
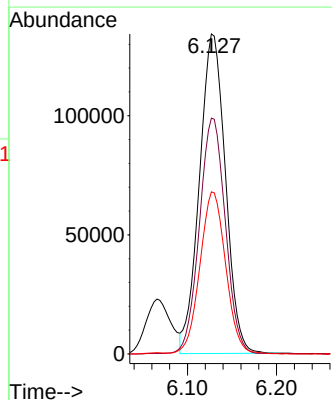
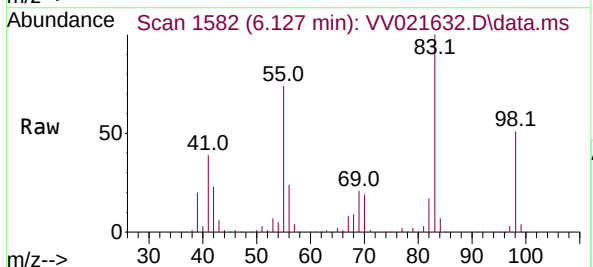
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.6	82.8
132	97.8	69.0	128.1
130	103.6	71.6	133.0

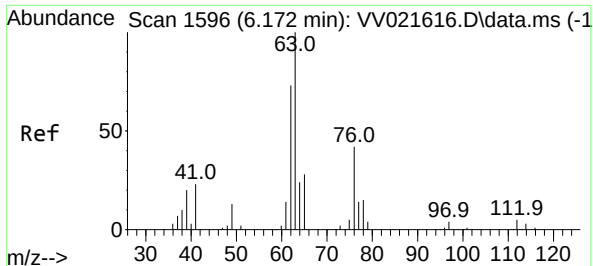


#35
Methylcyclohexane
Concen: 46.100 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 83 Resp: 272023

Ion	Ratio	Lower	Upper
83	100		
55	73.6	58.7	88.1
98	50.4	39.7	59.5

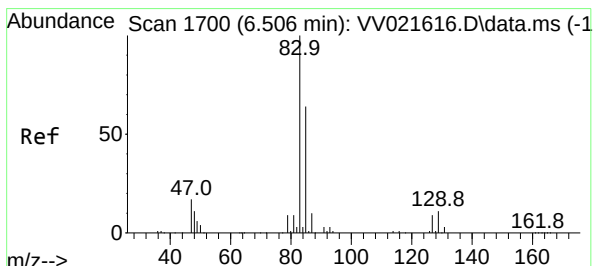
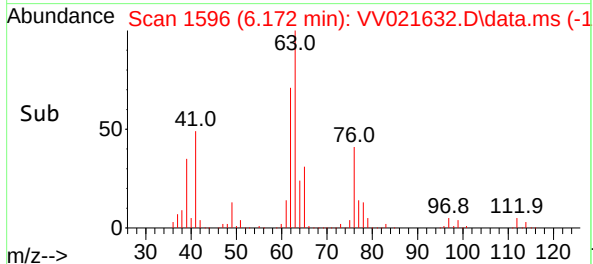
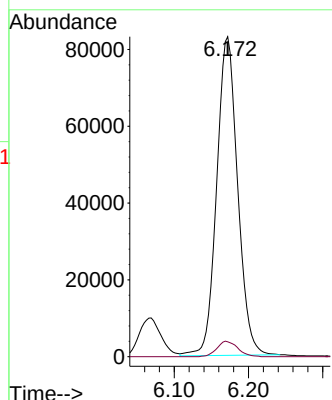
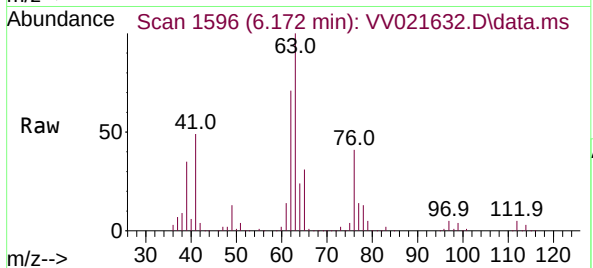




#37
1,2-Dichloropropane
Concen: 45.639 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

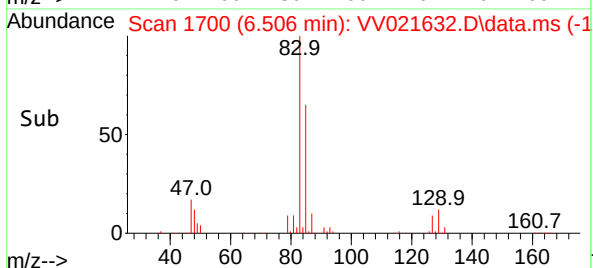
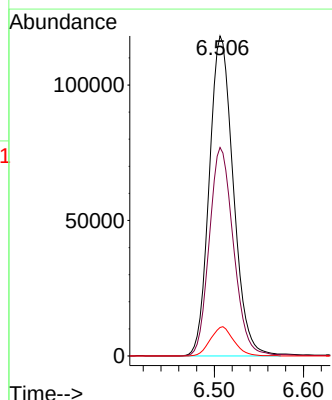
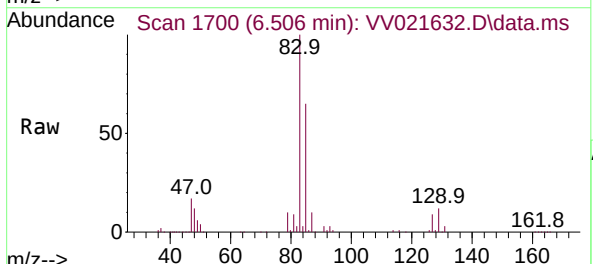
Instrument :
MSVOA_V
ClientSampled :

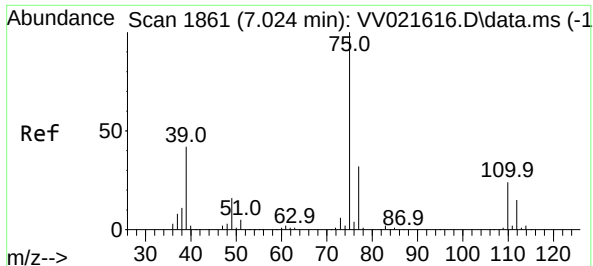
Tgt Ion: 63 Resp: 163111
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 45.871 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 83 Resp: 221550
Ion Ratio Lower Upper
83 100
85 65.2 46.3 86.1
127 8.9 7.3 10.9

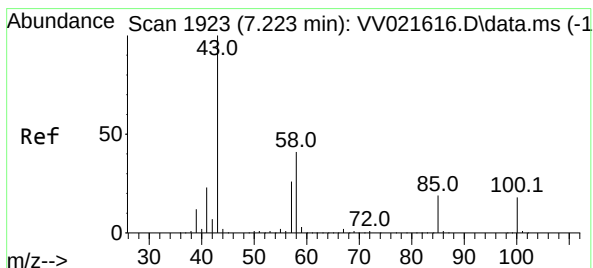
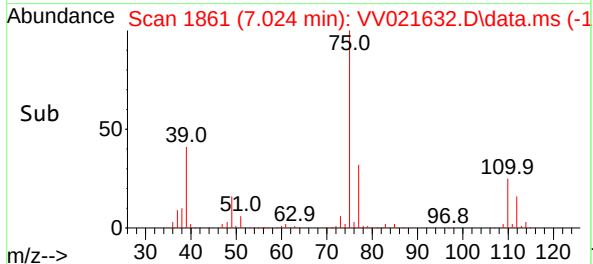
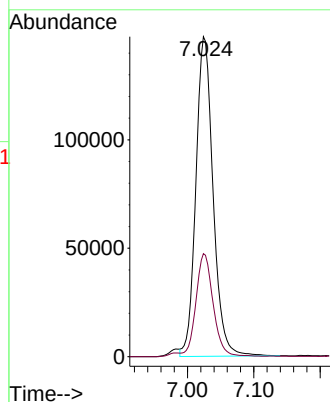
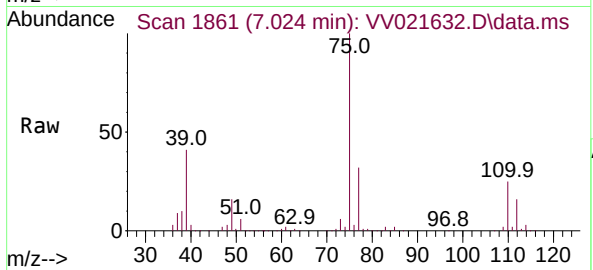




#39
 cis-1,3-Dichloropropene
 Concen: 45.077 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VV021632.D
 Acq: 13 Jul 2021 09:37

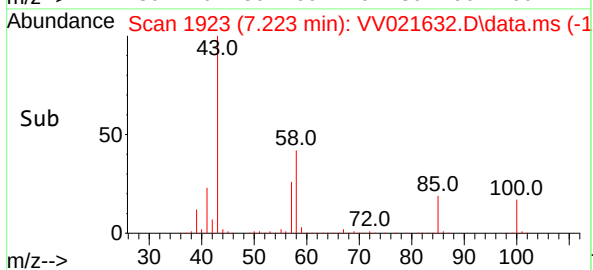
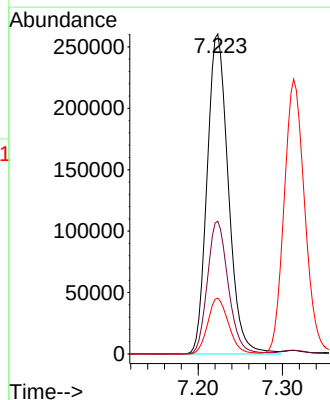
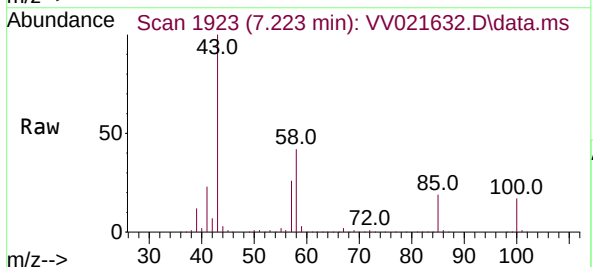
Instrument :
 MSVOA_V
 ClientSampled :

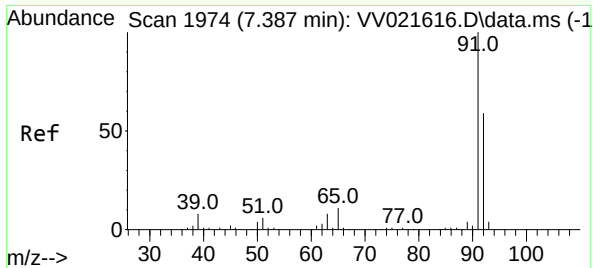
Tgt Ion: 75 Resp: 265664
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 87.144 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: VV021632.D
 Acq: 13 Jul 2021 09:37

Tgt Ion: 43 Resp: 457183
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.8 49.2
 100 17.1 13.5 20.3

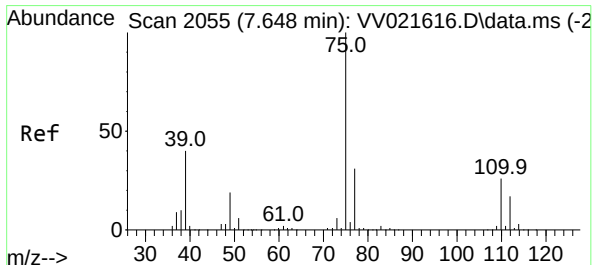
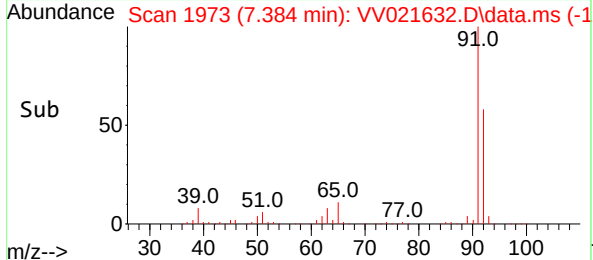
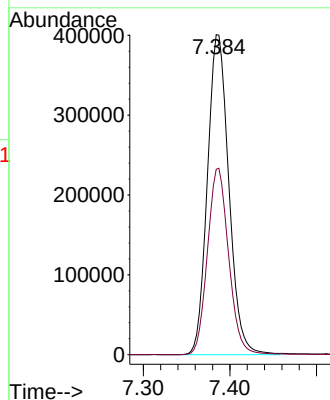
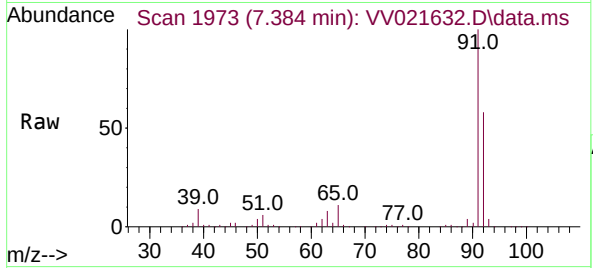




#42
Toluene
Concen: 46.772 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

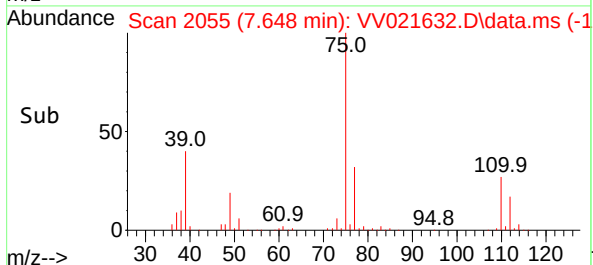
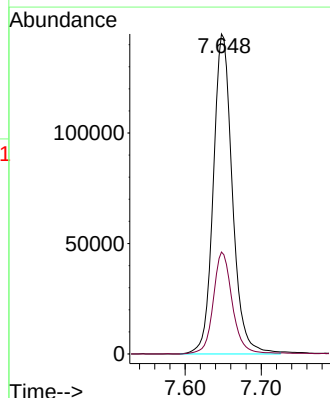
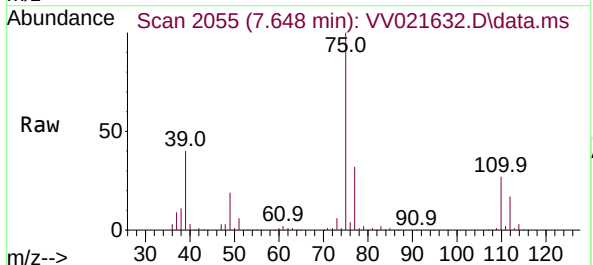
Instrument :
MSVOA_V
ClientSampled :

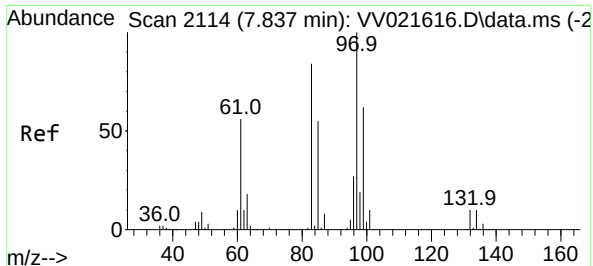
Tgt Ion: 91 Resp: 688838
Ion Ratio Lower Upper
91 100
92 57.9 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 45.873 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 75 Resp: 252476
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4



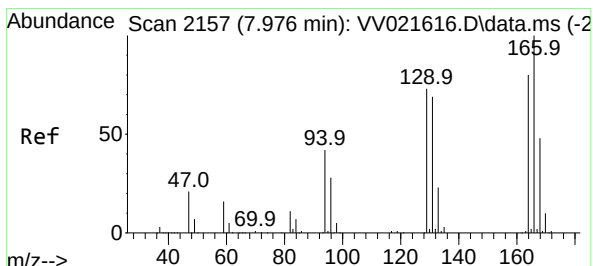
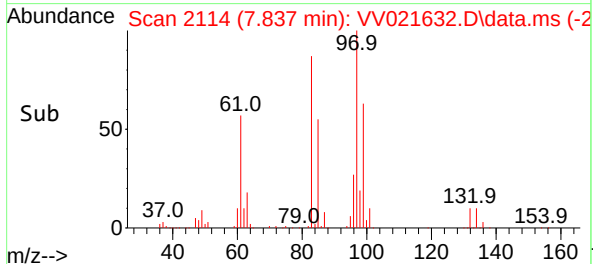
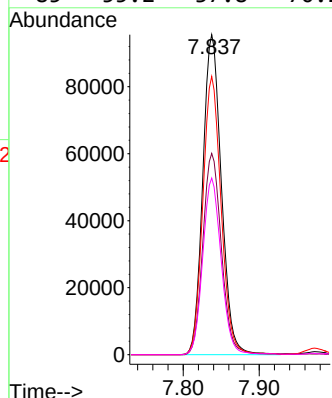
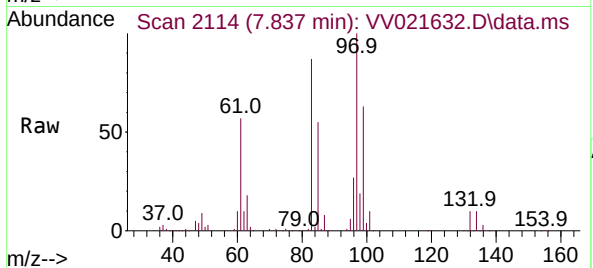


#45

1,1,2-Trichloroethane
Concen: 46.277 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Instrument :
MSVOA_V
ClientSampleId :

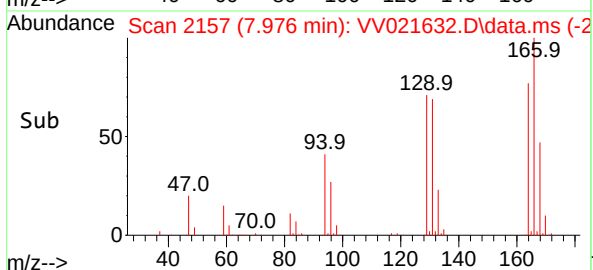
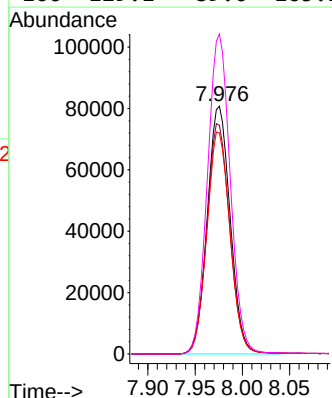
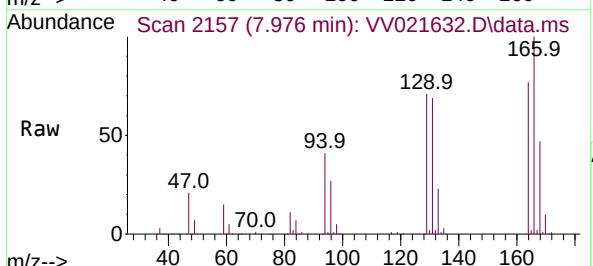
Tgt Ion:	97	Resp:	162477
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.4	82.4
83	87.0	58.8	109.2
85	55.2	37.8	70.2

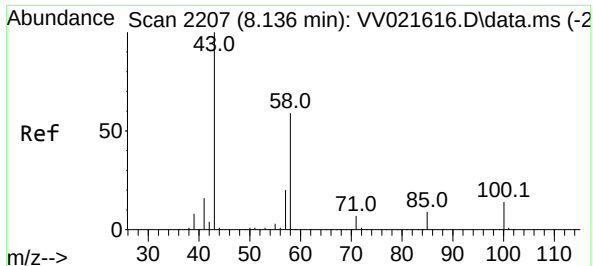


#46

Tetrachloroethene
Concen: 46.185 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion:	164	Resp:	136524
Ion	Ratio	Lower	Upper
164	100		
129	92.3	65.9	122.3
131	89.1	64.0	119.0
166	129.1	89.0	165.2



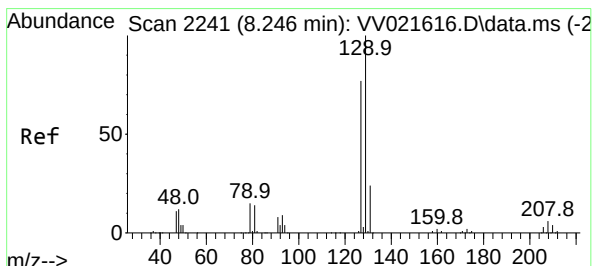
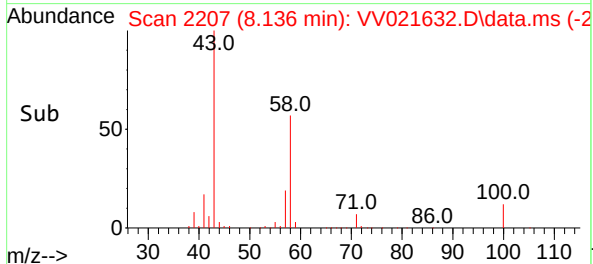
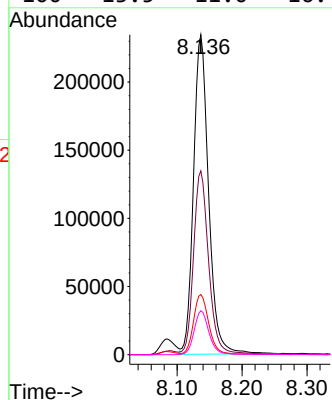
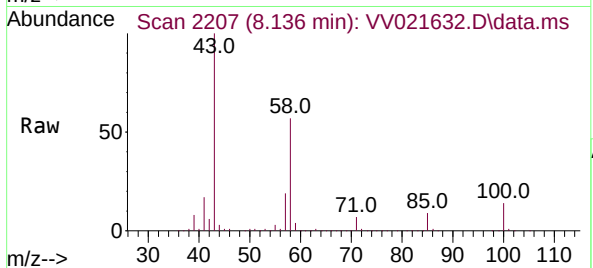


#48
2-Hexanone
Concen: 91.268 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 378471

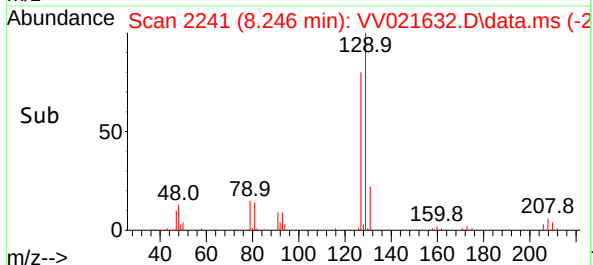
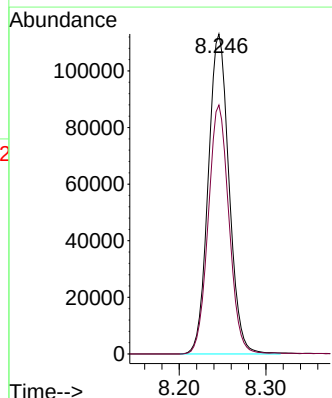
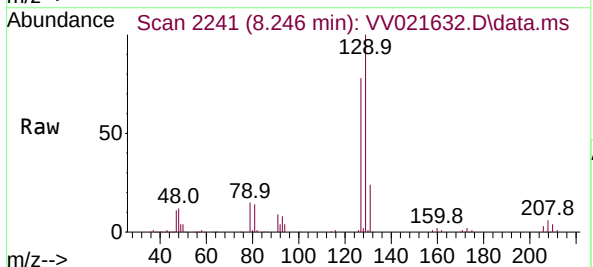
Ion	Ratio	Lower	Upper
43	100		
58	56.3	46.7	70.1
57	18.8	15.5	23.3
100	13.5	11.0	16.4

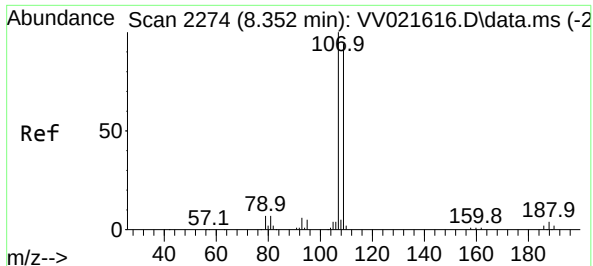


#49
Dibromochloromethane
Concen: 46.588 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 129 Resp: 188378

Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.1	98.7





#50

1,2-Dibromoethane

Concen: 46.025 ug/L

RT: 8.352 min Scan# 2274

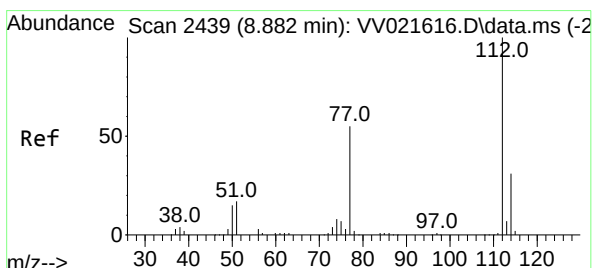
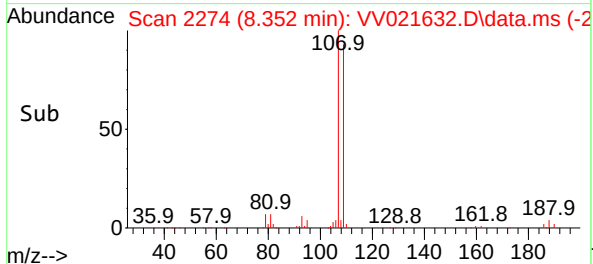
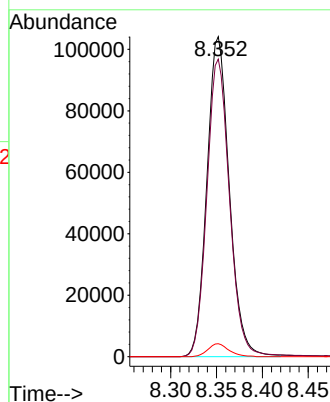
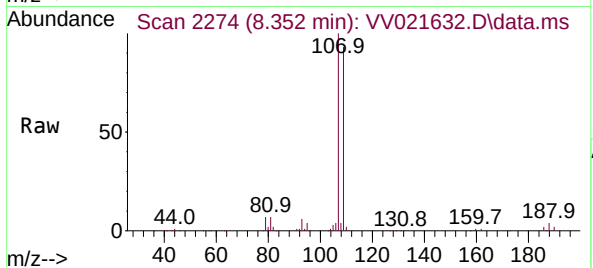
Delta R.T. -0.000 min

Lab File: VV021632.D

Acq: 13 Jul 2021 09:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	107	Resp:	177177
Ion	Ratio	Lower	Upper
107	100		
109	93.0	65.8	122.2
188	4.0	3.1	4.7



#51

Chlorobenzene

Concen: 46.887 ug/L

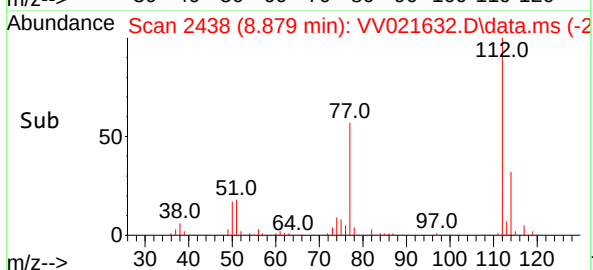
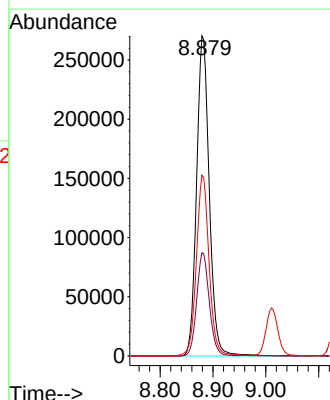
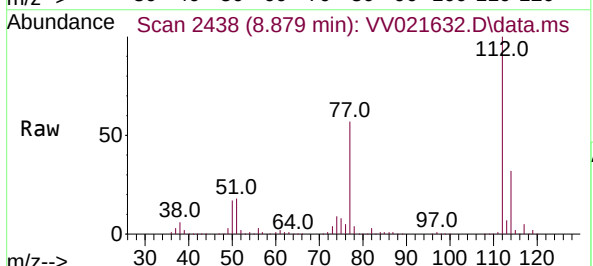
RT: 8.879 min Scan# 2438

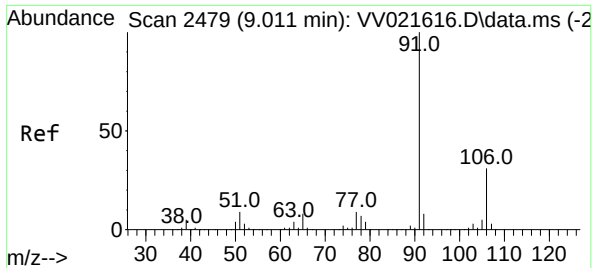
Delta R.T. -0.003 min

Lab File: VV021632.D

Acq: 13 Jul 2021 09:37

Tgt Ion:	112	Resp:	449369
Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.9	40.7
77	56.5	44.0	66.0

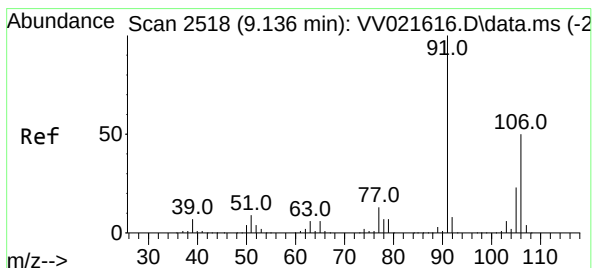
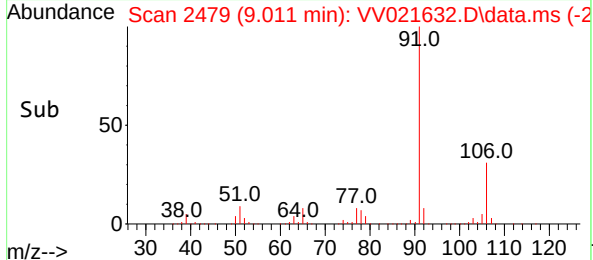
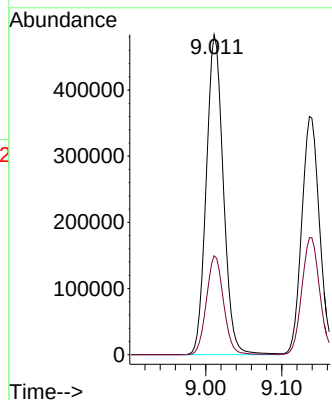
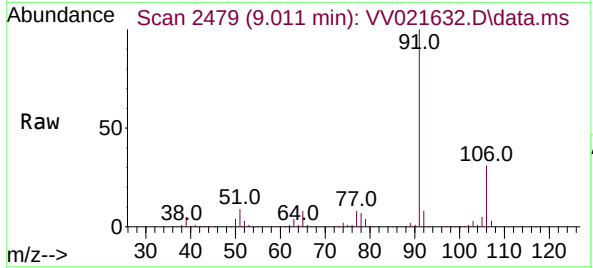




#52
Ethylbenzene
Concen: 47.066 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

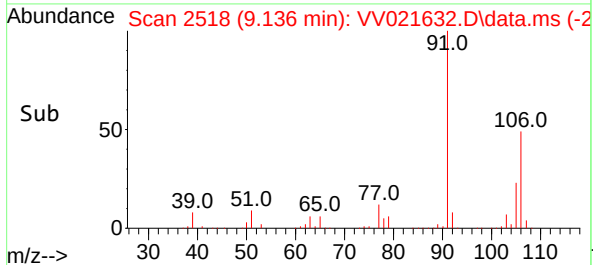
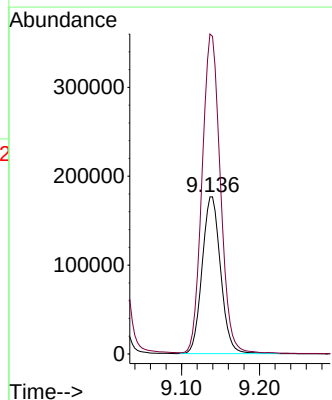
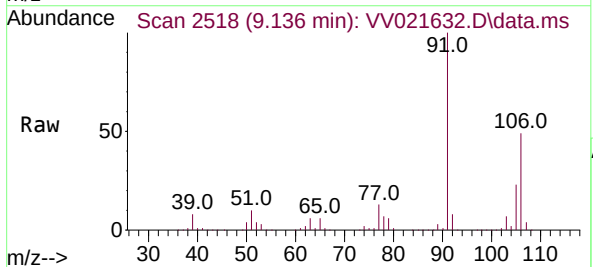
Instrument :
MSVOA_V
ClientSampleId :

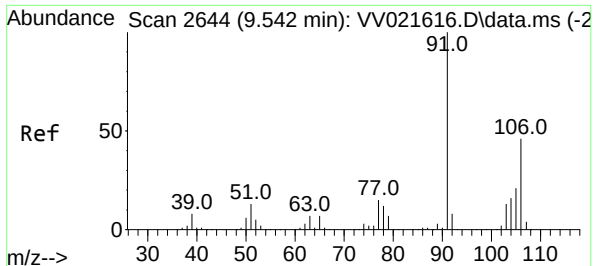
Tgt Ion: 91 Resp: 753059
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.6



#53
m,p-Xylene
Concen: 47.185 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 106 Resp: 289722
Ion Ratio Lower Upper
106 100
91 203.6 138.7 257.5

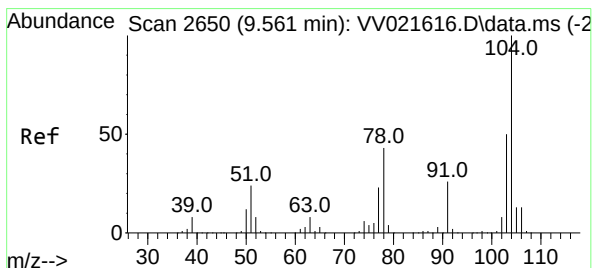
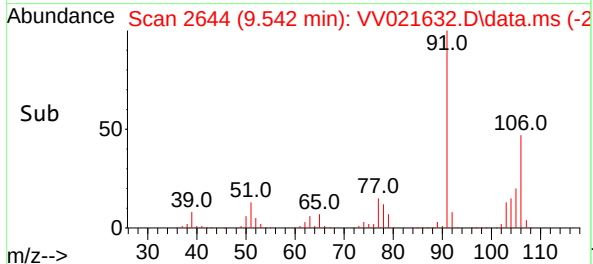
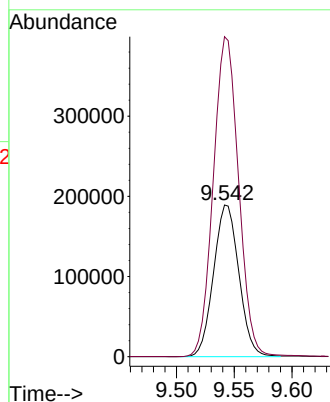
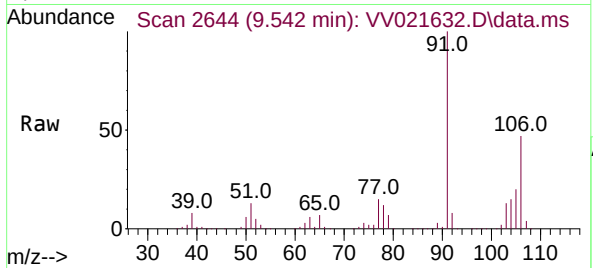




#54
o-Xylene
Concen: 47.135 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

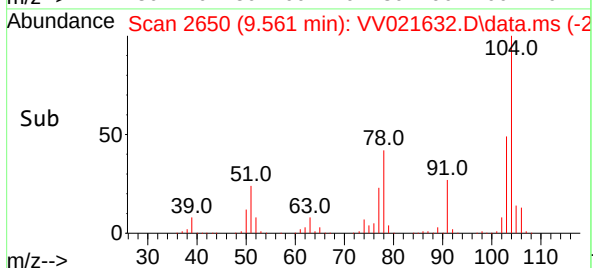
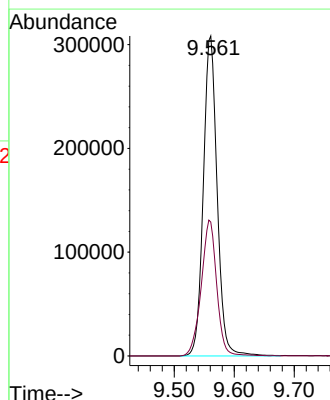
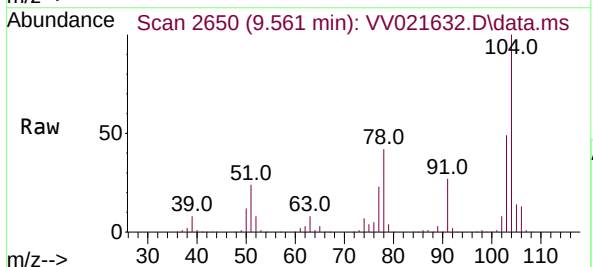
Instrument :
MSVOA_V
ClientSampled :

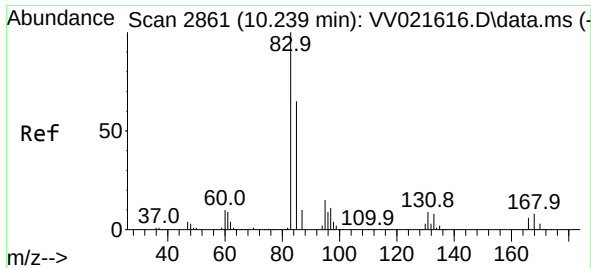
Tgt Ion:106 Resp: 288737
Ion Ratio Lower Upper
106 100
91 211.0 149.0 276.8



#55
Styrene
Concen: 47.844 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion:104 Resp: 495241
Ion Ratio Lower Upper
104 100
78 41.9 30.6 56.8

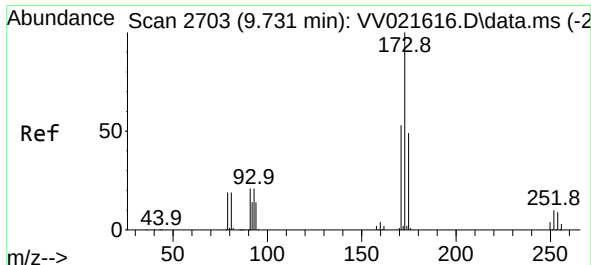
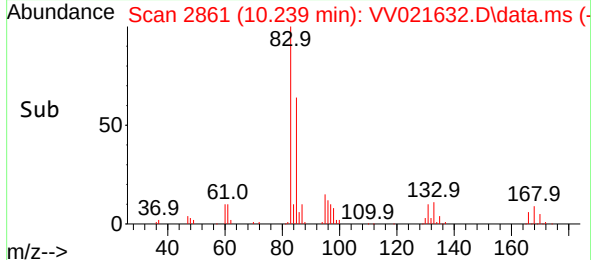
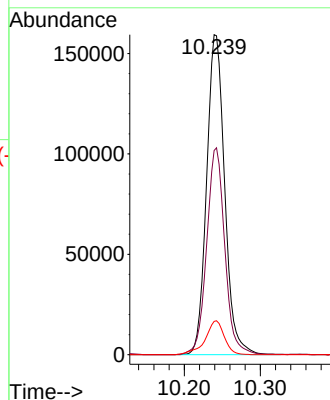
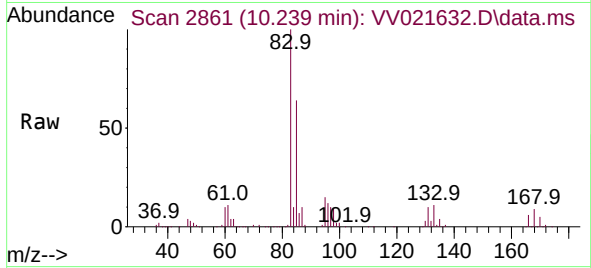




#57
1,1,2,2-Tetrachloroethane
Concen: 48.061 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

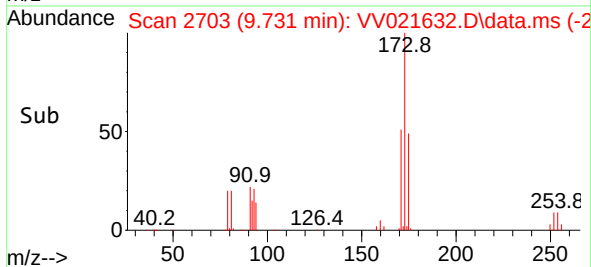
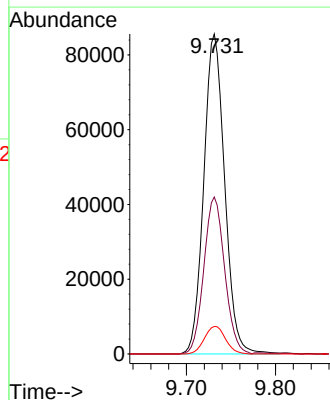
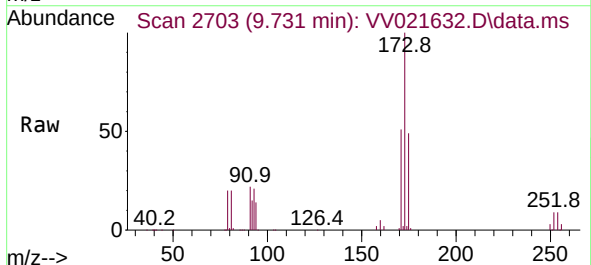
Instrument :
MSVOA_V
ClientSampleId :

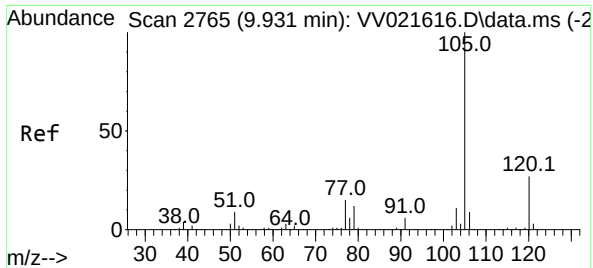
Tgt Ion: 83 Resp: 263041
Ion Ratio Lower Upper
83 100
85 63.8 45.0 83.6
131 10.4 8.4 12.6



#59
Bromoform
Concen: 44.460 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion:173 Resp: 139466
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 8.7 7.0 10.6

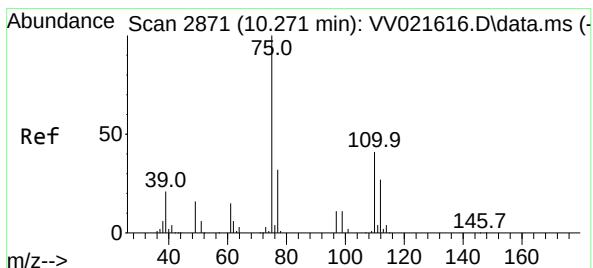
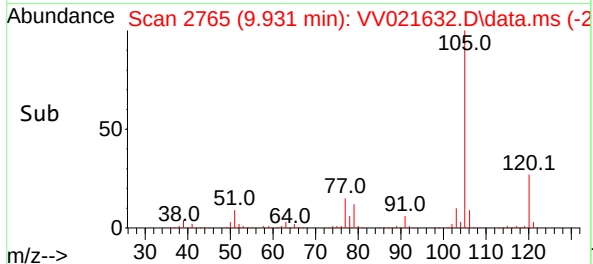
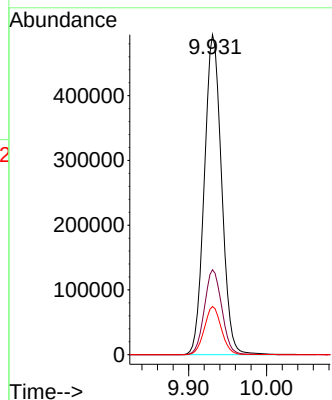
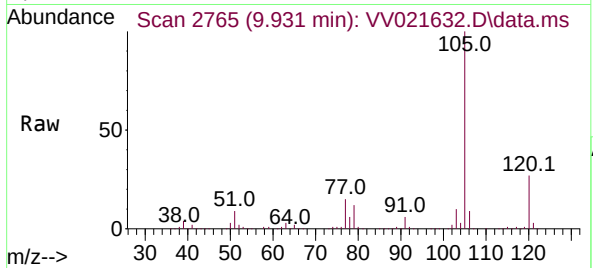




#60
Isopropylbenzene
Concen: 45.633 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

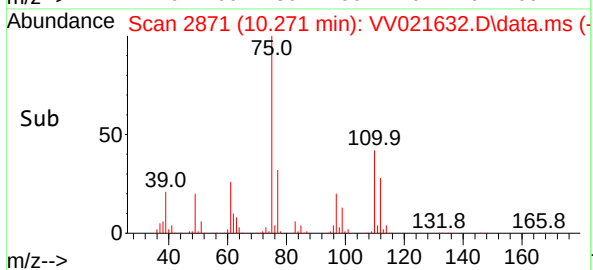
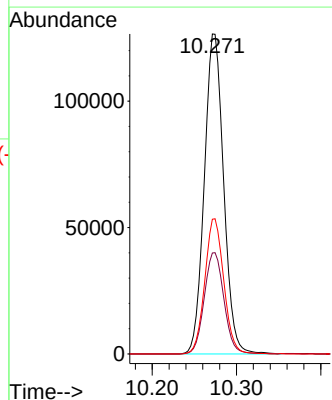
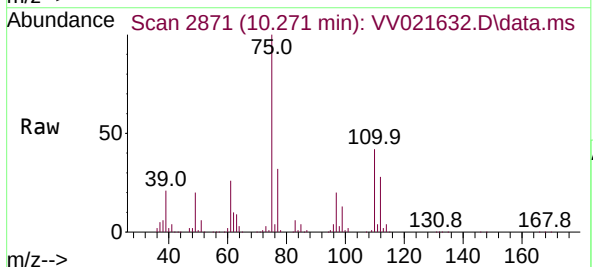
Instrument :
MSVOA_V
ClientSampled :

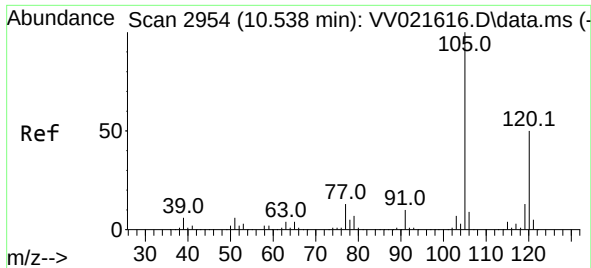
Tgt Ion:	105	Resp:	759634
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.5	32.3
77	14.9	12.0	18.0



#61
1,2,3-Trichloropropane
Concen: 42.895 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion:	75	Resp:	202377
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.8
110	41.5	33.0	49.6

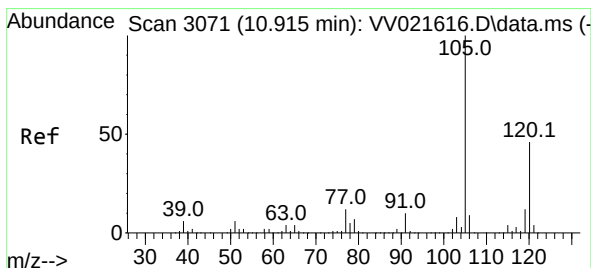
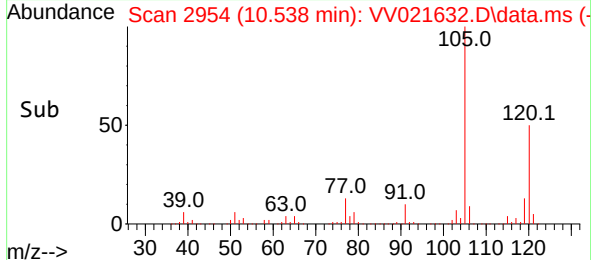
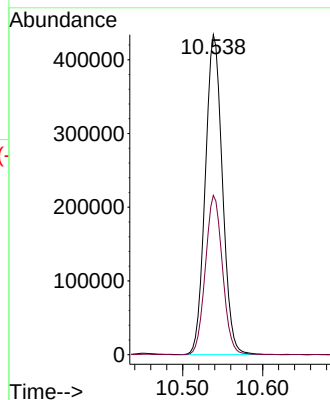
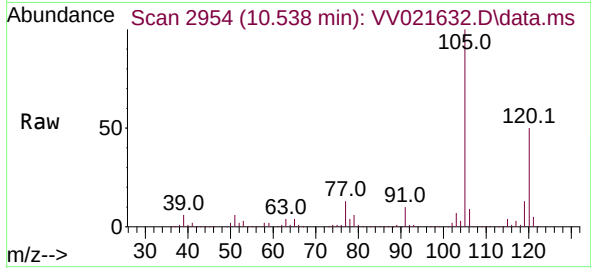




#62
1,3,5-Trimethylbenzene
Concen: 45.631 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

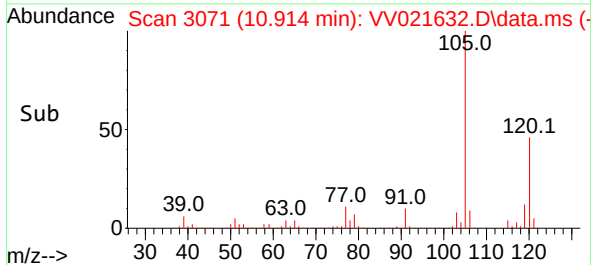
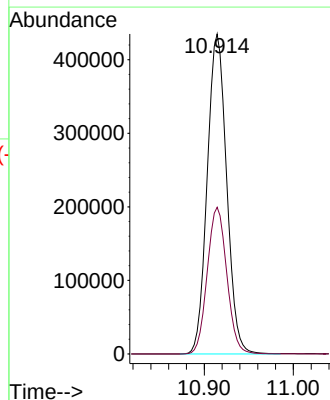
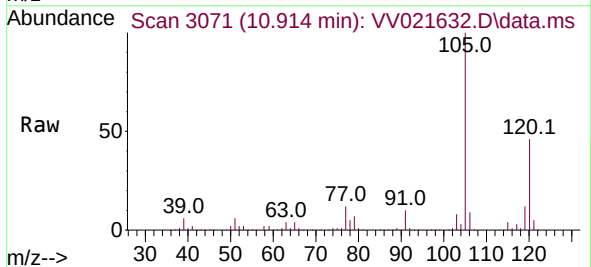
Instrument :
MSVOA_V
ClientSampled :

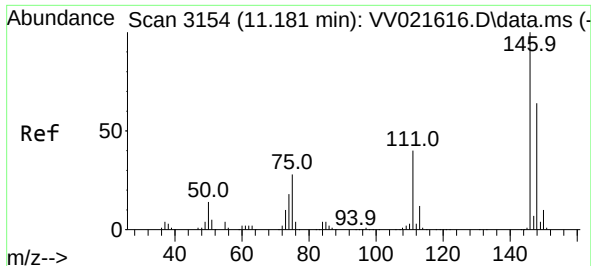
Tgt Ion:105 Resp: 647381
Ion Ratio Lower Upper
105 100
120 49.8 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 45.751 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion:105 Resp: 656864
Ion Ratio Lower Upper
105 100
120 46.2 37.1 55.7

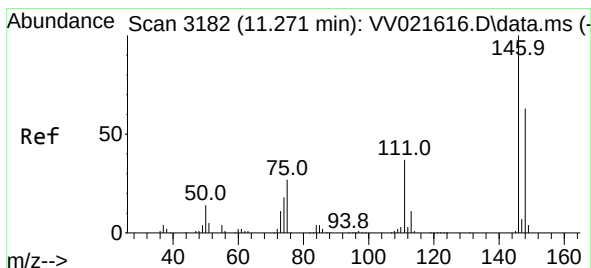
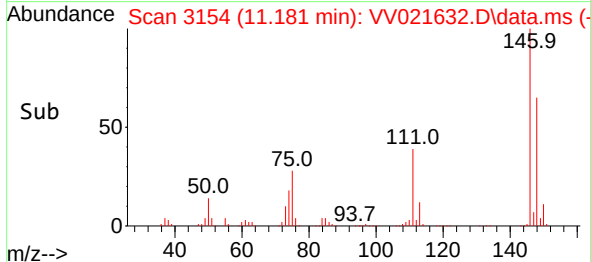
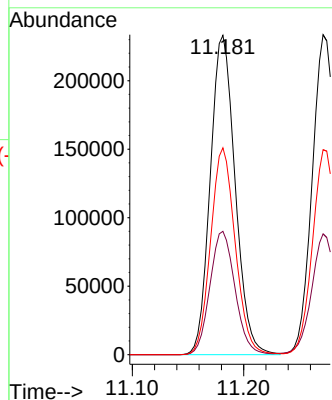
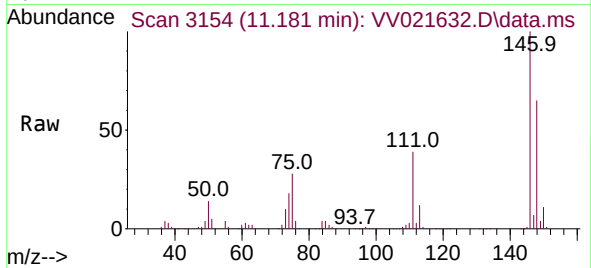




#64
1,3-Dichlorobenzene
Concen: 46.185 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

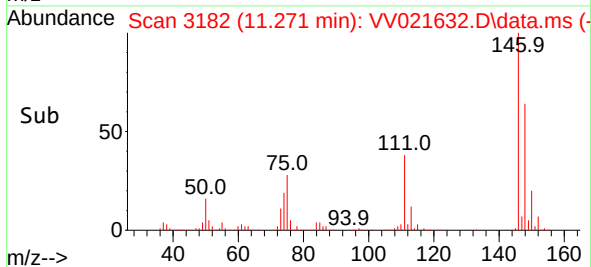
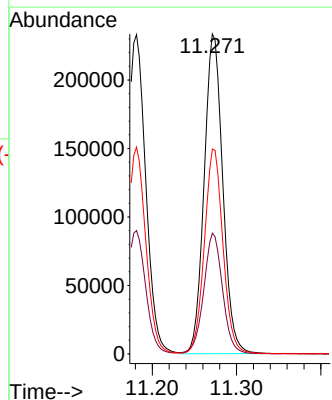
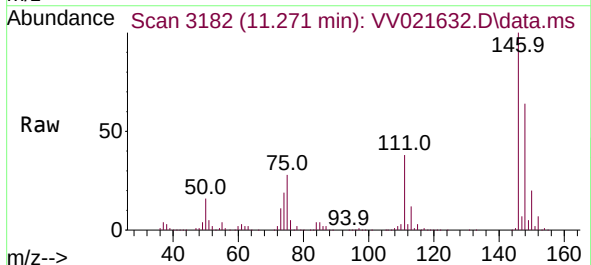
Instrument :
MSVOA_V
ClientSampled :

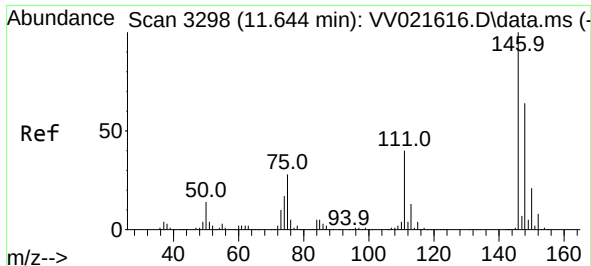
Tgt Ion:146 Resp: 361531
Ion Ratio Lower Upper
146 100
111 38.6 27.3 50.7
148 64.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 45.921 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion:146 Resp: 359285
Ion Ratio Lower Upper
146 100
111 37.8 26.6 49.4
148 64.1 45.2 84.0

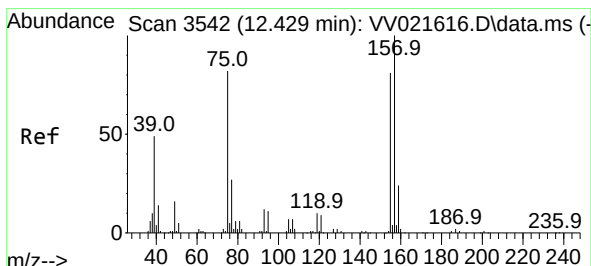
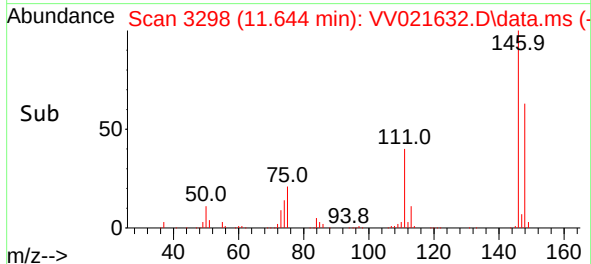
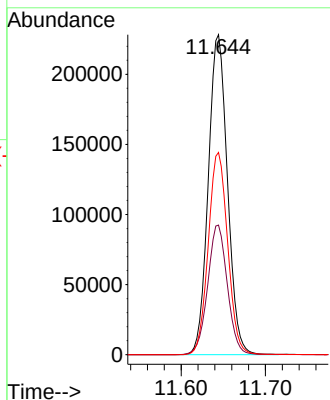
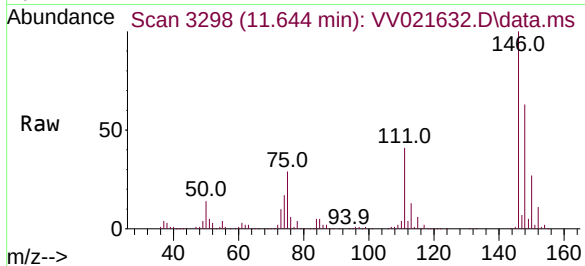




#67
1,2-Dichlorobenzene
Concen: 46.079 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

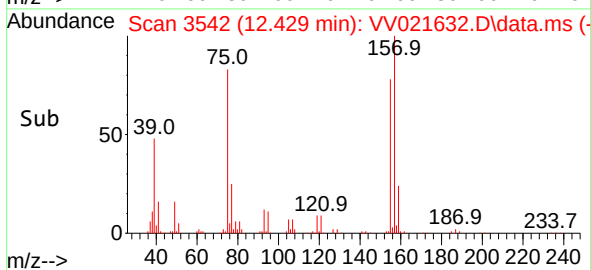
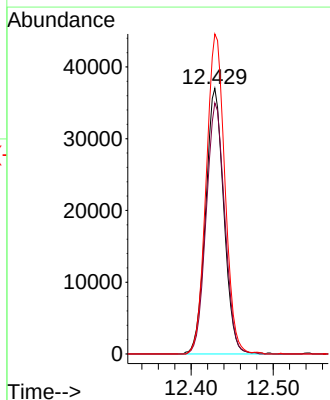
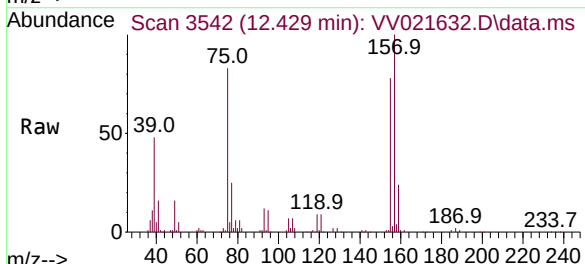
Instrument :
MSVOA_V
ClientSampleId :

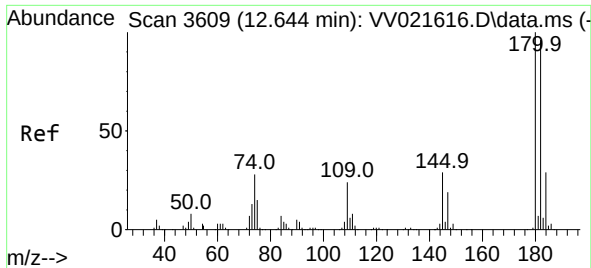
Tgt Ion:146 Resp: 361480
Ion Ratio Lower Upper
146 100
111 40.5 32.6 48.8
148 63.2 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 40.880 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion: 75 Resp: 57177
Ion Ratio Lower Upper
75 100
155 94.5 75.9 113.9
157 120.5 96.7 145.1

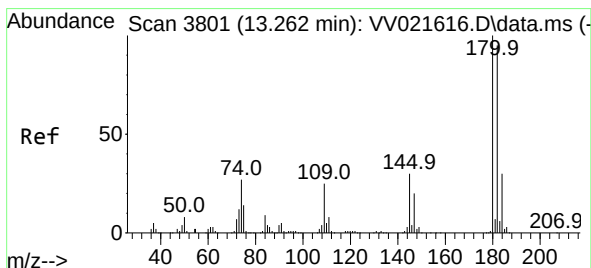
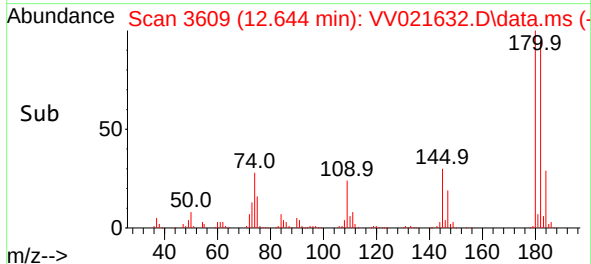
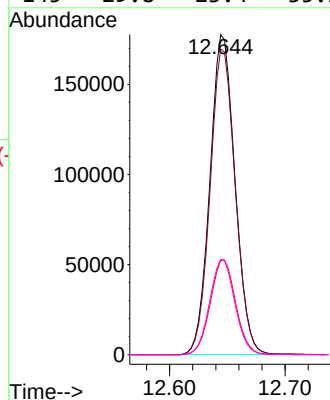
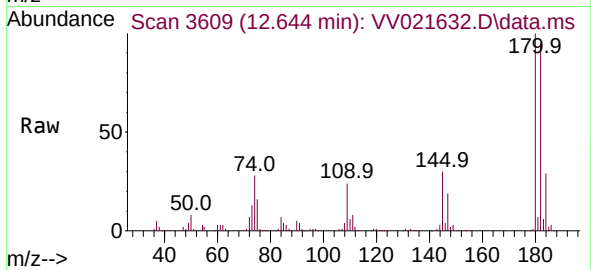




#69
1,3,5-Trichlorobenzene
Concen: 45.874 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

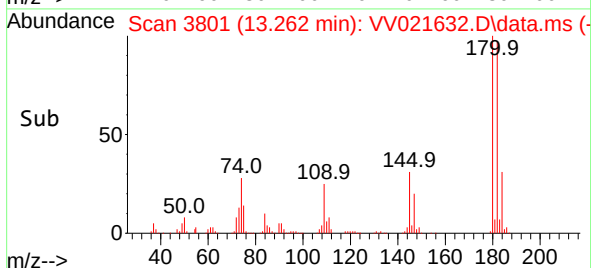
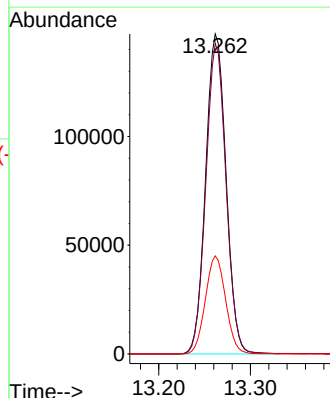
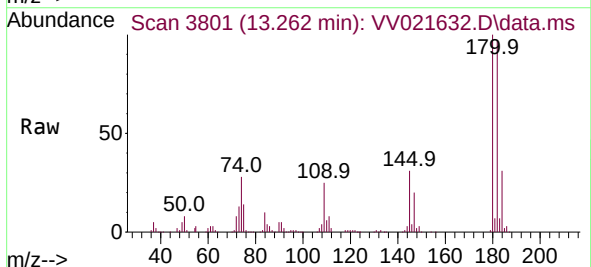
Instrument :
MSVOA_V
ClientSampleId :

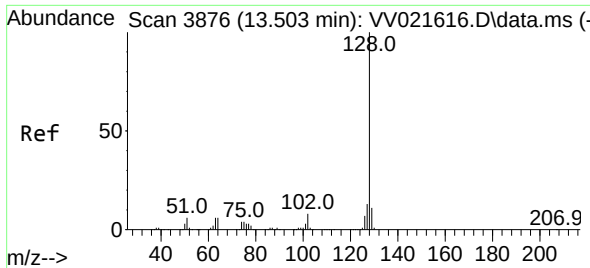
Tgt Ion:	180	Resp:	268354
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.0	112.4
184	29.9	23.8	35.6
145	29.8	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 45.300 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion:	180	Resp:	227898
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.4	113.2
145	30.4	24.1	36.1

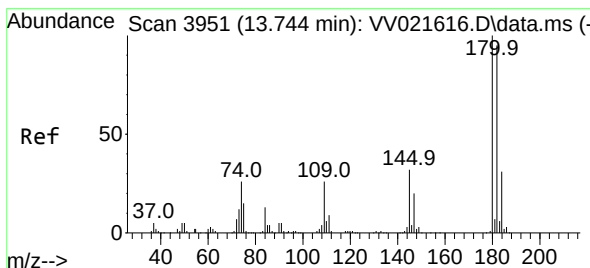
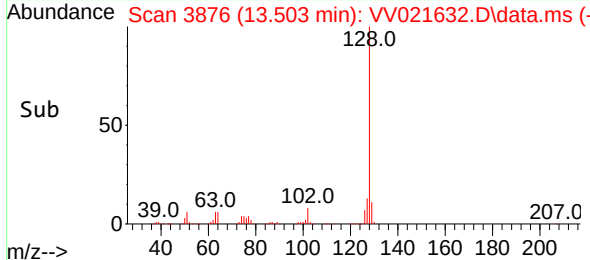
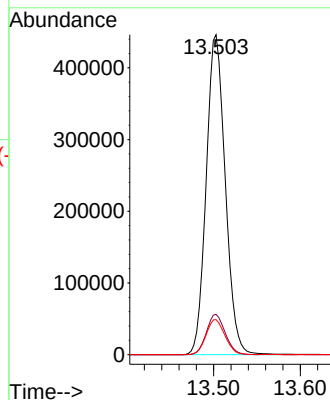
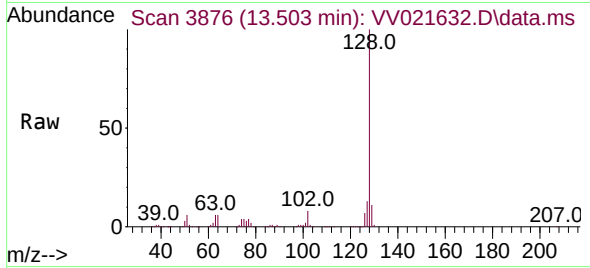




#71
Naphthalene
Concen: 44.554 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 682648
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 46.108 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021632.D
Acq: 13 Jul 2021 09:37

Tgt Ion:180 Resp: 229106
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.6
145 32.3 25.7 38.5

