

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041421\
 Data File : VW021007.D
 Acq On : 14 Apr 2021 15:02
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 15 01:20:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:18:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	517331	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	508563	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	297688	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	273342	104.66	ug/L	0.00
7) Chloroethane-d5	1.571	69	215130	94.67	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	564154	104.04	ug/L	0.00
21) 2-Butanone-d5	3.896	46	380318	196.51	ug/L	0.00
24) Chloroform-d	4.352	84	688788	113.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	469975	119.60	ug/L	0.00
32) Benzene-d6	5.053	84	1253161	109.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	346381	99.47	ug/L	0.00
41) Toluene-d8	7.320	98	1272092	115.46	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	223981	125.86	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	322160	229.36	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	566893	112.42	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	607876	112.42	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	337345	82.02	ug/L	98
3) Chloromethane	1.243	50	227463	66.71	ug/L	100
5) Vinyl chloride	1.314	62	257971	69.56	ug/L	100
6) Bromomethane	1.526	94	188037	75.60	ug/L	100
8) Chloroethane	1.590	64	160286	70.28	ug/L	99
9) Trichlorofluoromethane	1.754	101	588602	98.03	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	281749	88.08	ug/L	99
12) 1,1-Dichloroethene	2.121	96	256908	86.61	ug/L	91
13) Acetone	2.195	43	257727	181.26	ug/L	98
14) Carbon disulfide	2.294	76	712529	91.04	ug/L	99
15) Methyl Acetate	2.439	43	221200	77.44	ug/L	100
16) Methylene chloride	2.510	84	277076	82.58	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	272627	87.71	ug/L	97
18) Methyl tert-butyl Ether	2.773	73	895629	94.80	ug/L	99
19) 1,1-Dichloroethane	3.191	63	467348	83.72	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	304687	89.05	ug/L	95
22) 2-Butanone	3.982	43	337201	173.53	ug/L	100
23) Bromochloromethane	4.252	128	176793	93.92	ug/L	91
25) Chloroform	4.381	83	591743	93.77	ug/L	100
27) 1,2-Dichloroethane	5.133	62	459760	97.66	ug/L	99
29) Cyclohexane	4.683	56	383909	86.65	ug/L	99
30) 1,1,1-Trichloroethane	4.613	97	570844	103.39	ug/L	100
31) Carbon tetrachloride	4.831	117	530086	108.40	ug/L	98
33) Benzene	5.105	78	1073155	85.68	ug/L	100
34) Trichloroethene	5.918	95	306966	84.05	ug/L	99
35) Methylcyclohexane	6.137	83	469596	94.57	ug/L	100
37) 1,2-Dichloropropane	6.178	63	250362	79.84	ug/L	100
38) Bromodichloromethane	6.513	83	433916	96.45	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	457630	93.54	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	633176	163.28	ug/L	99
42) Toluene	7.391	91	1259784	91.18	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	488391	101.03	ug/L	100

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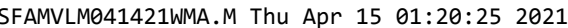
Instrument :
 MSVOA_V
 ClientSampleId :

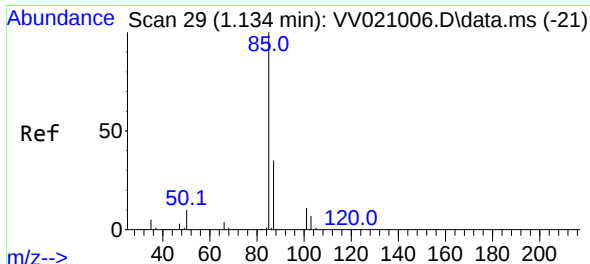
Quant Time: Apr 15 01:20:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
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 QLast Update : Thu Apr 15 01:18:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	296286	88.15	ug/L	98
46) Tetrachloroethene	7.979	164	289180	95.90	ug/L	96
48) 2-Hexanone	8.146	43	530988	176.70	ug/L	98
49) Dibromochloromethane	8.249	129	396736	104.75	ug/L	98
50) 1,2-Dibromoethane	8.355	107	329057	91.16	ug/L	93
51) Chlorobenzene	8.886	112	854312	88.38	ug/L	99
52) Ethylbenzene	9.018	91	1438251	93.76	ug/L	100
53) m,p-Xylene	9.143	106	564158	95.03	ug/L	99
54) o-Xylene	9.548	106	548625	94.54	ug/L	98
55) Styrene	9.564	104	968157	97.36	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	469362	93.83	ug/L	98
59) Bromoform	9.735	173	322883	110.28	ug/L	98
60) Isopropylbenzene	9.937	105	1531302	94.04	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	383304	83.52	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	1340694	99.60	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	1369891	99.70	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	774880	90.69	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	782457	88.17	ug/L	98
67) 1,2-Dichlorobenzene	11.648	146	782284	91.43	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	120921	106.82	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	624627	93.72	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	538748	94.12	ug/L	99
71) Naphthalene	13.509	128	1538387	98.36	ug/L	99
72) 1,2,3-Trichlorobenzene	13.750	180	545198	94.36	ug/L	99

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

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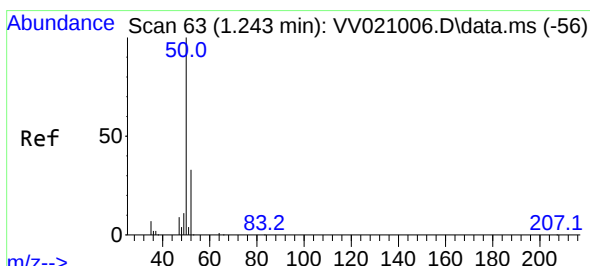
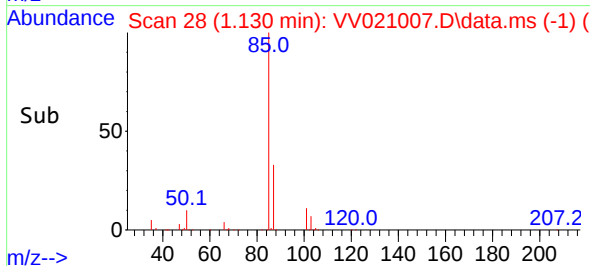
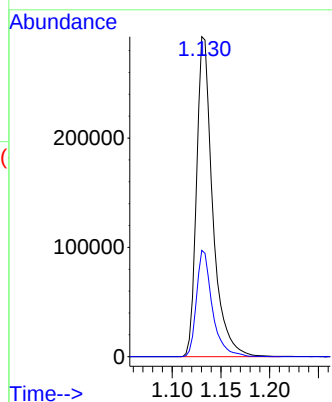
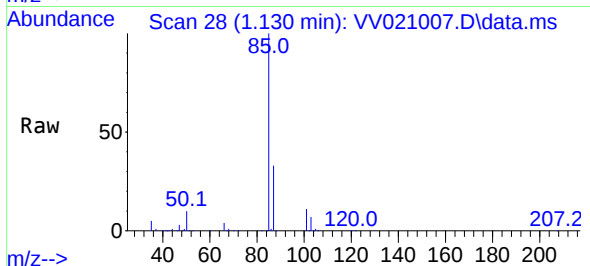




#2
Dichlorodifluoromethane
Concen: 82.02 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

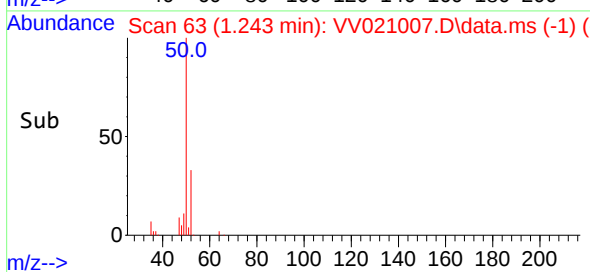
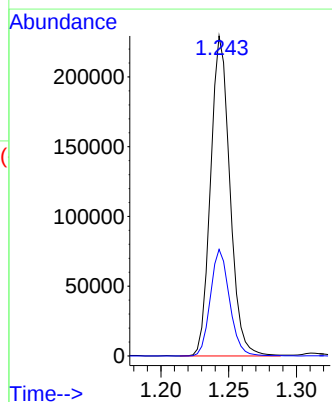
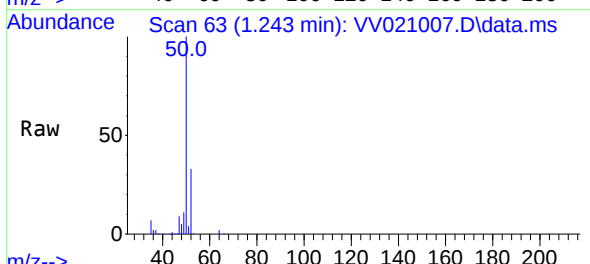
Instrument :
MSVOA_V
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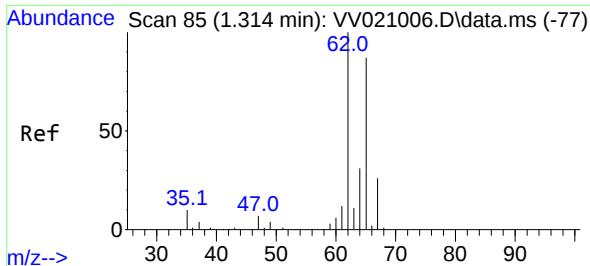
Tgt Ion: 85 Resp: 337345
Ion Ratio Lower Upper
85 100
87 32.6 27.0 40.4



#3
Chloromethane
Concen: 66.71 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 50 Resp: 227463
Ion Ratio Lower Upper
50 100
52 33.3 23.4 43.4

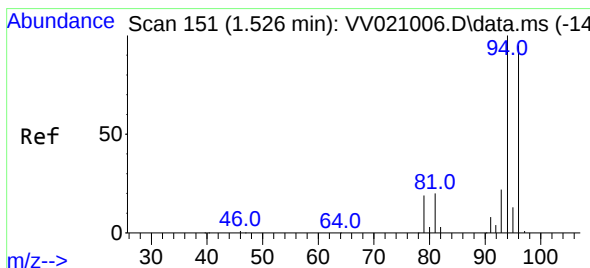
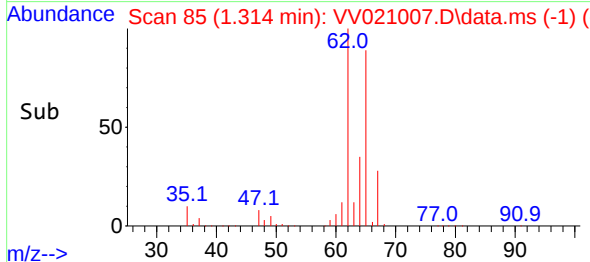
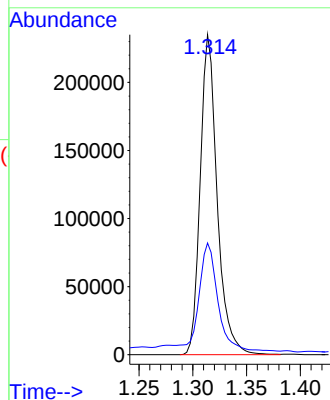
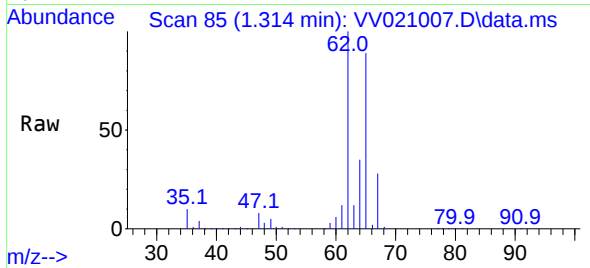




#5
 Vinyl chloride
 Concen: 69.56 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV021007.D
 Acq: 14 Apr 2021 15:02

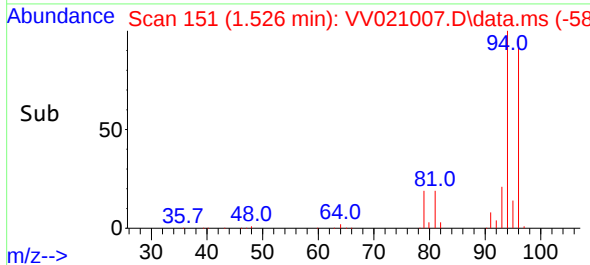
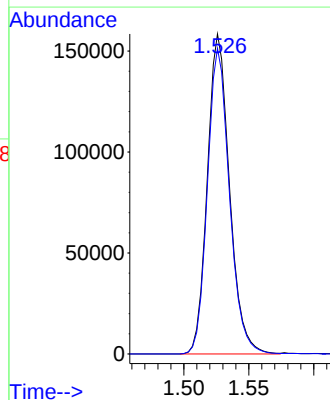
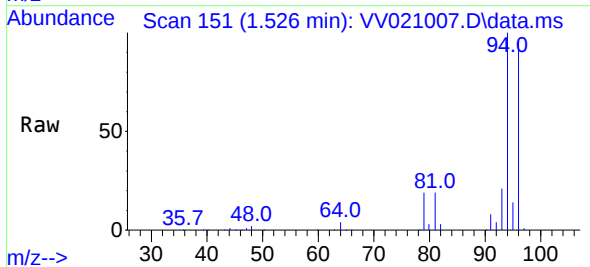
Instrument :
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 ClientSampled :

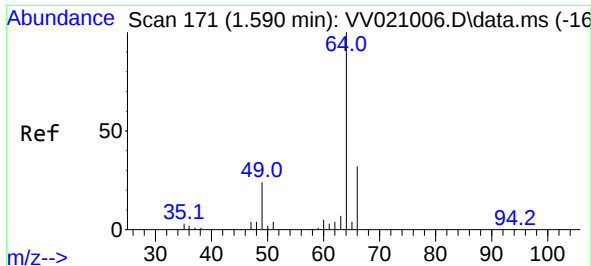
Tgt Ion: 62 Resp: 257971
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.3 45.1



#6
 Bromomethane
 Concen: 75.60 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV021007.D
 Acq: 14 Apr 2021 15:02

Tgt Ion: 94 Resp: 188037
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.6 123.8

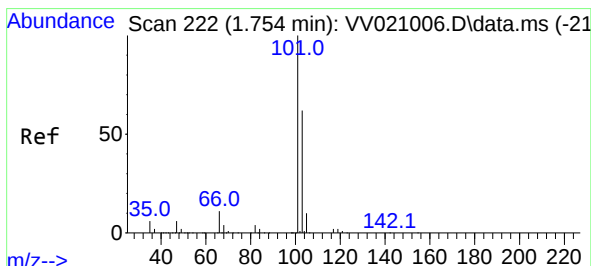
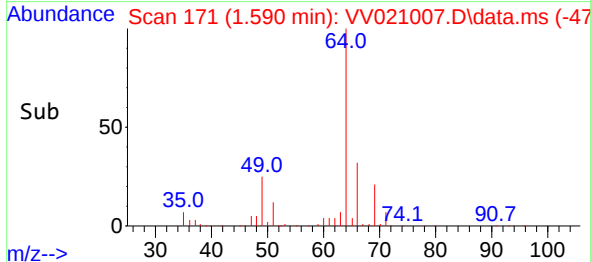
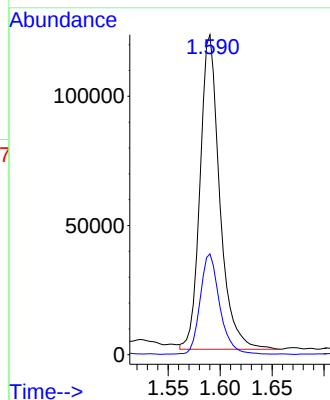
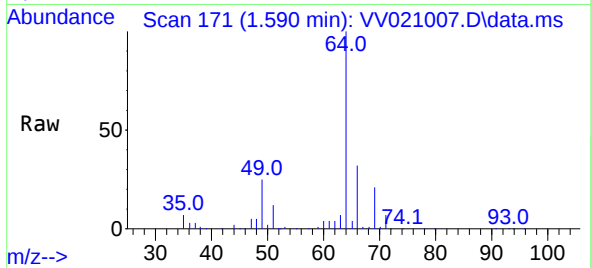




#8
Chloroethane
Concen: 70.28 ug/L
RT: 1.590 min Scan# 171
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

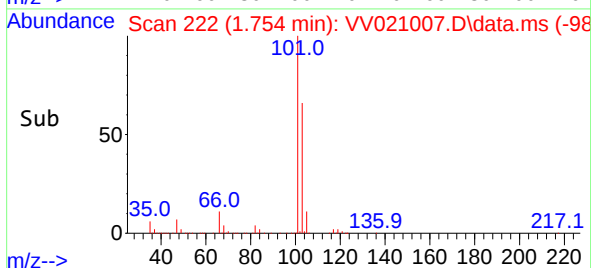
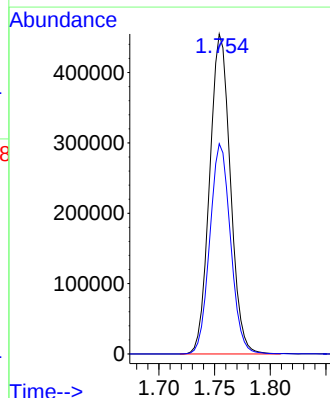
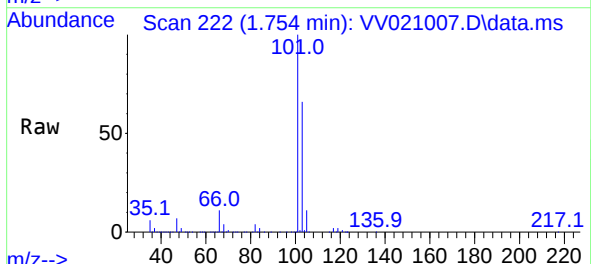
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ClientSampled :

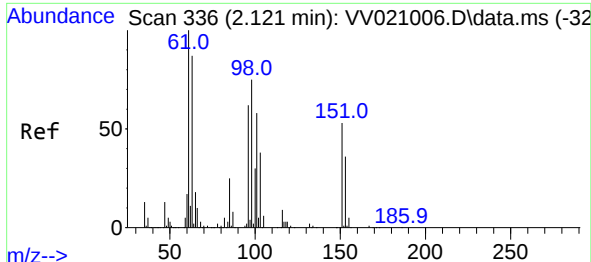
Tgt Ion: 64 Resp: 160286
Ion Ratio Lower Upper
64 100
66 31.5 21.6 40.2



#9
Trichlorofluoromethane
Concen: 98.03 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion:101 Resp: 588602
Ion Ratio Lower Upper
101 100
103 65.7 51.9 77.9

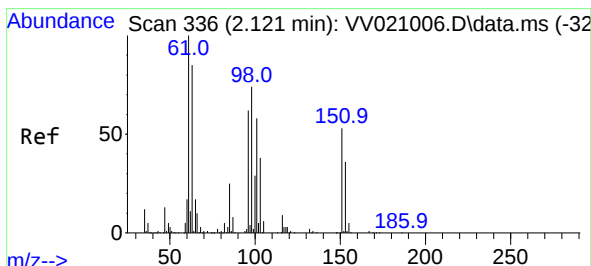
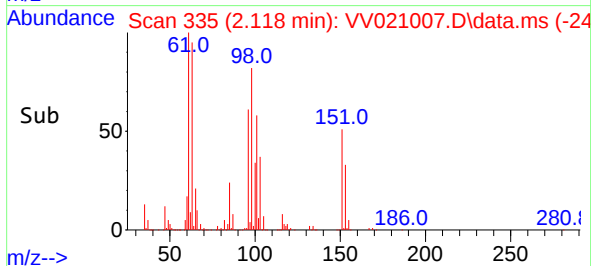
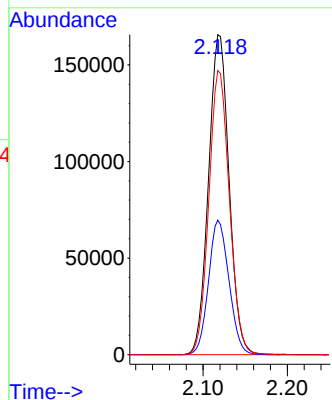
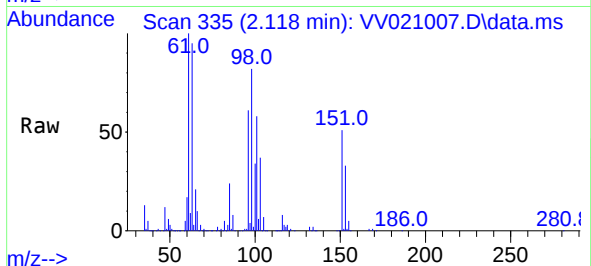




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 88.08 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

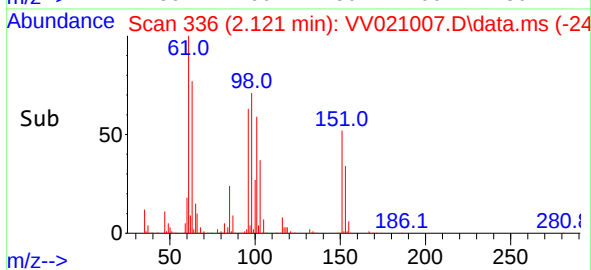
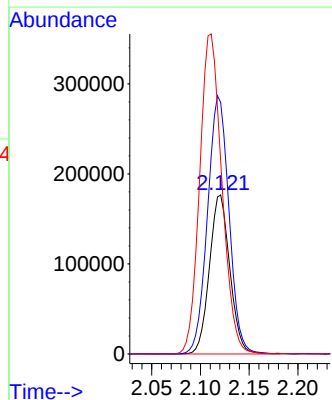
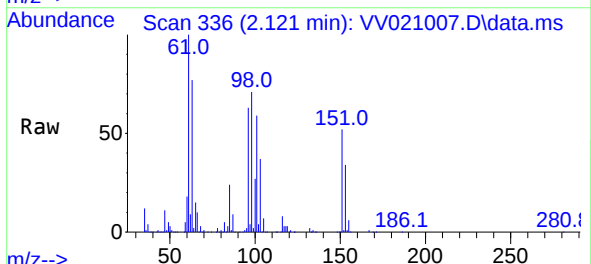
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ClientSampleId :

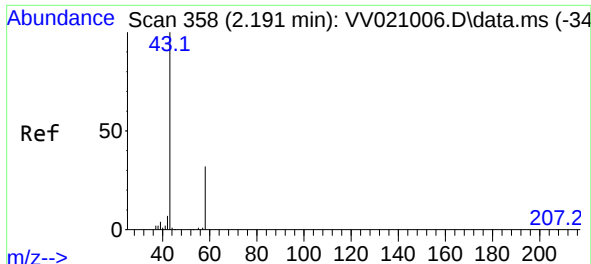
Tgt Ion:101 Resp: 281749
Ion Ratio Lower Upper
101 100
85 41.8 34.2 51.2
151 88.6 70.6 105.8



#12
1,1-Dichloroethene
Concen: 86.61 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 96 Resp: 256908
Ion Ratio Lower Upper
96 100
61 158.1 113.1 210.1
63 121.4 98.1 182.3

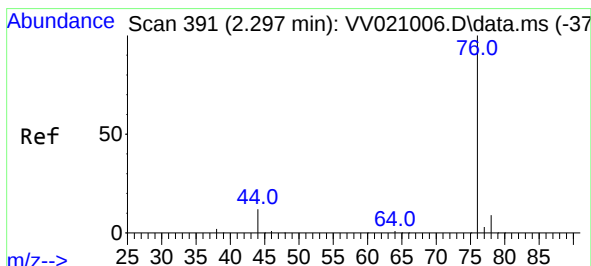
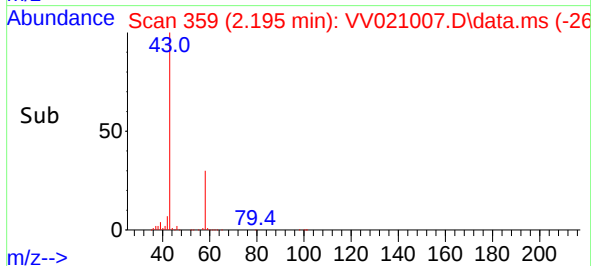
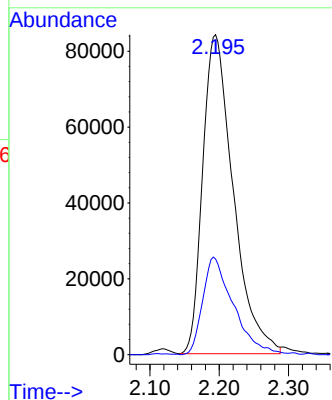
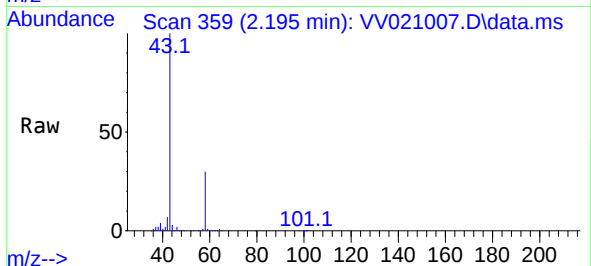




#13
Acetone
Concen: 181.26 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

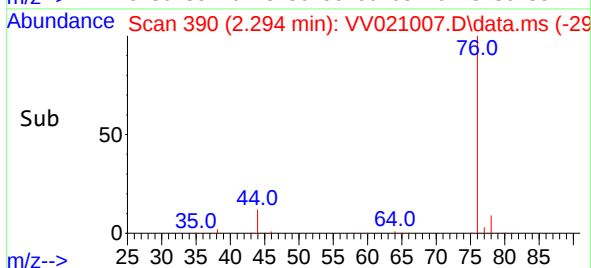
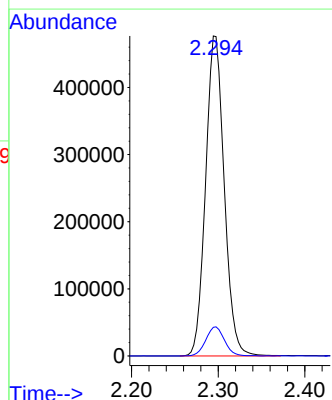
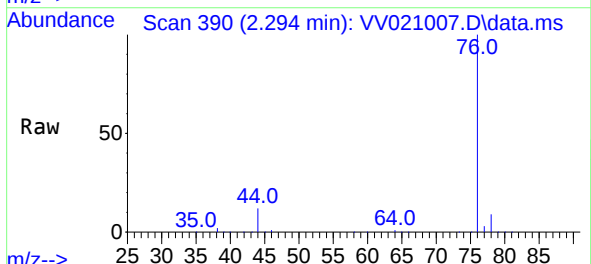
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MSVOA_V
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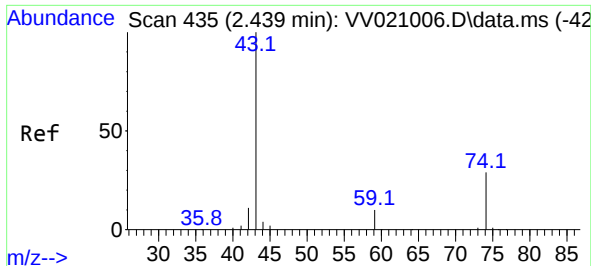
Tgt Ion: 43 Resp: 257727
Ion Ratio Lower Upper
43 100
58 30.0 0.0 61.8



#14
Carbon disulfide
Concen: 91.04 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 76 Resp: 712529
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

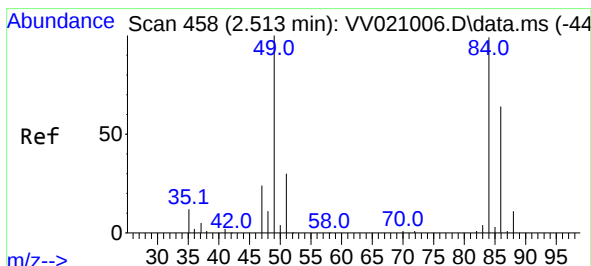
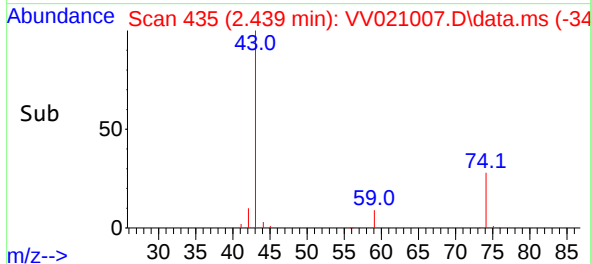
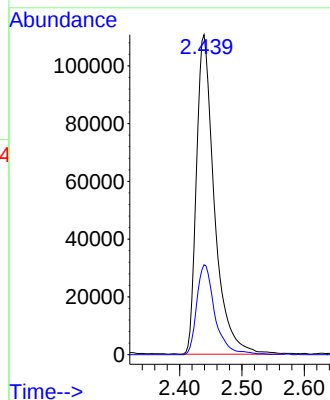
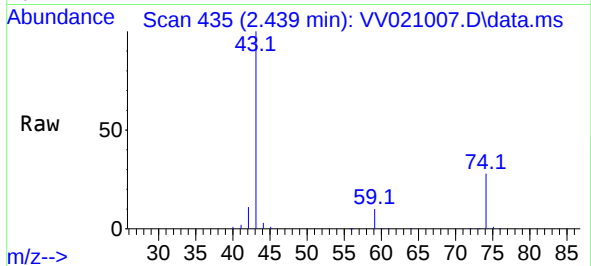




#15
Methyl Acetate
Concen: 77.44 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

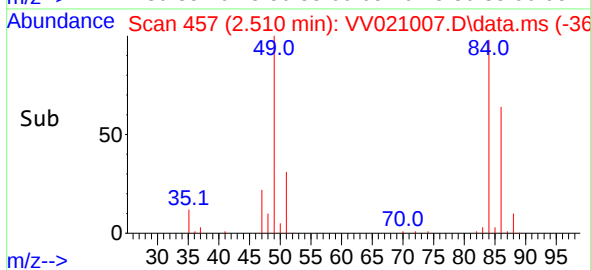
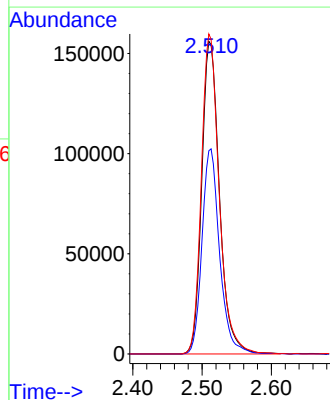
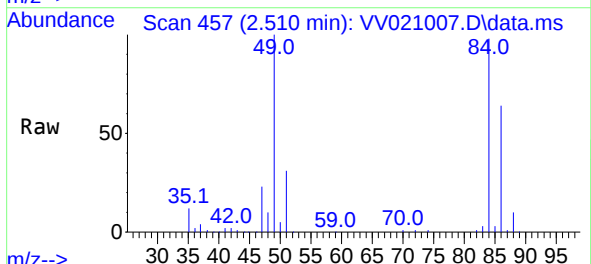
Instrument :
MSVOA_V
ClientSampled :

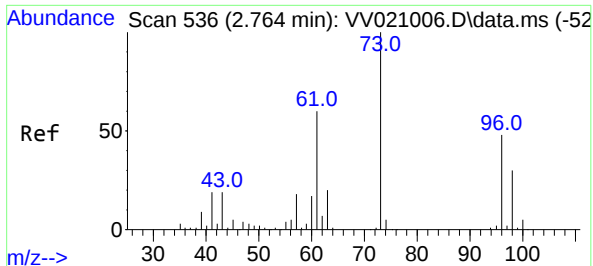
Tgt Ion: 43 Resp: 221200
Ion Ratio Lower Upper
43 100
74 28.4 22.9 34.3



#16
Methylene chloride
Concen: 82.58 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 84 Resp: 277076
Ion Ratio Lower Upper
84 100
86 65.0 44.9 83.3
49 102.3 70.4 130.8

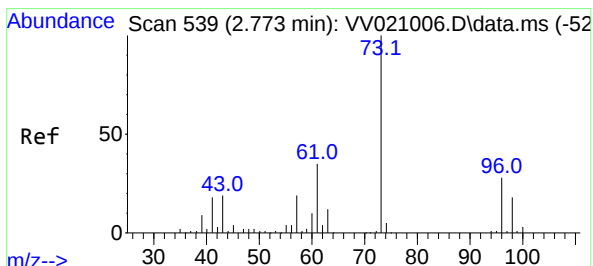
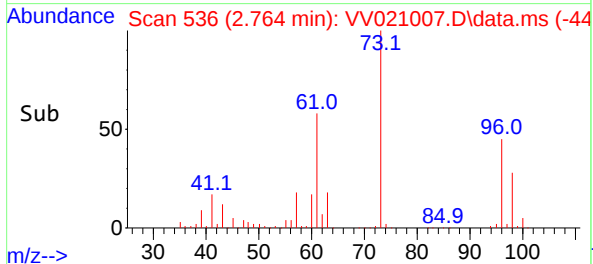
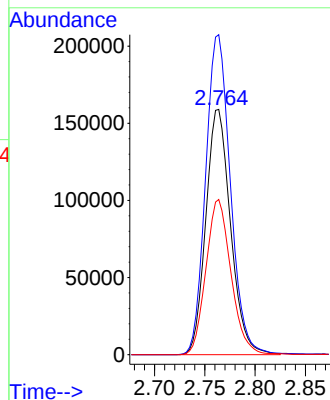
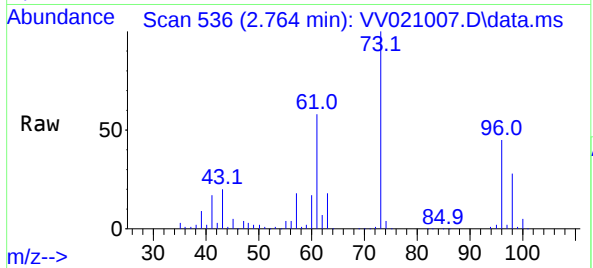




#17
trans-1,2-Dichloroethene
Concen: 87.71 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

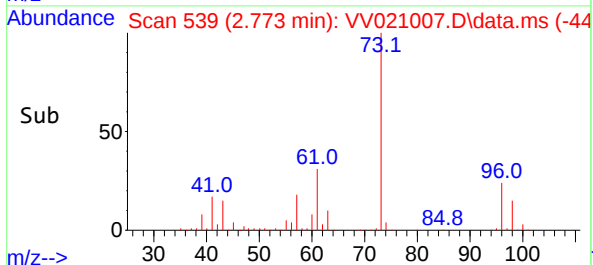
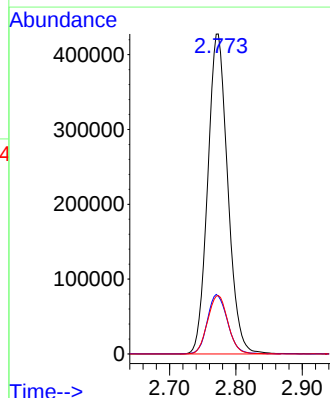
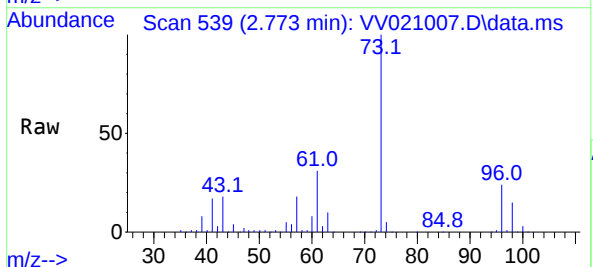
Instrument :
MSVOA_V
ClientSampleId :

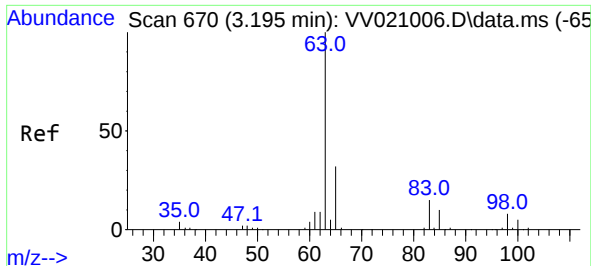
Tgt Ion: 96 Resp: 272627
Ion Ratio Lower Upper
96 100
61 130.5 88.4 164.2
98 63.3 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 94.80 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 73 Resp: 895629
Ion Ratio Lower Upper
73 100
43 18.5 15.3 22.9
57 18.6 14.9 22.3

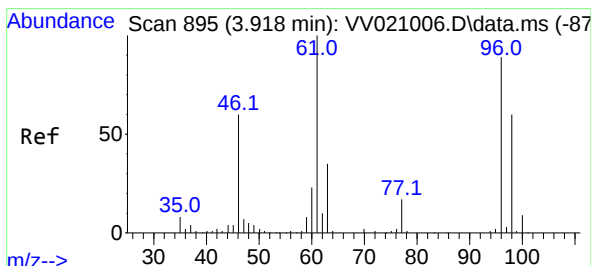
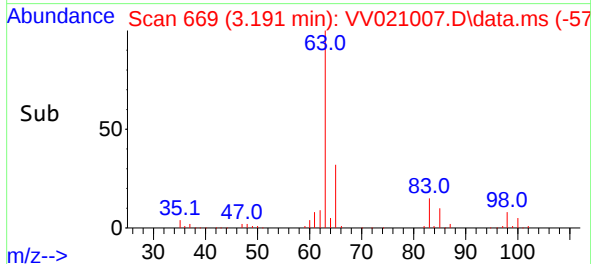
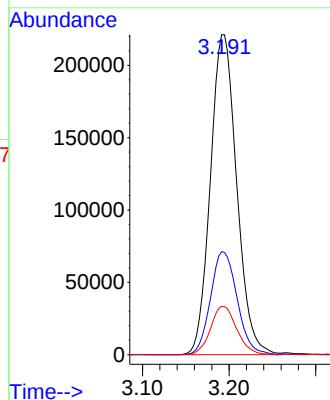
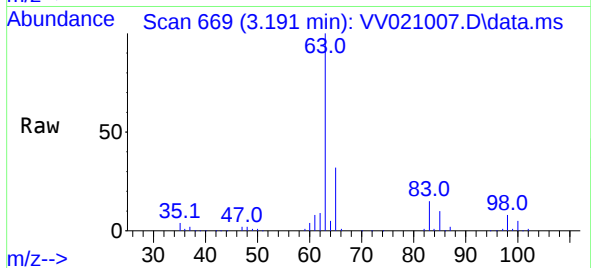




#19
1,1-Dichloroethane
Concen: 83.72 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

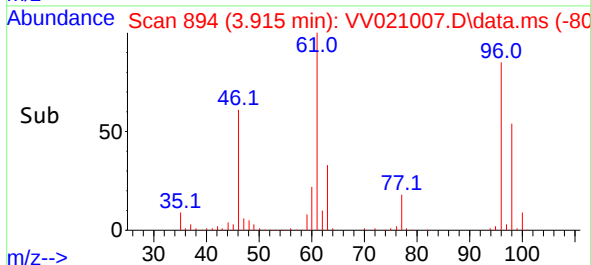
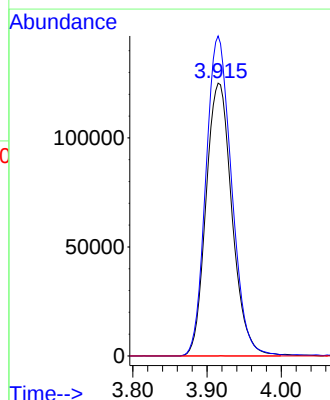
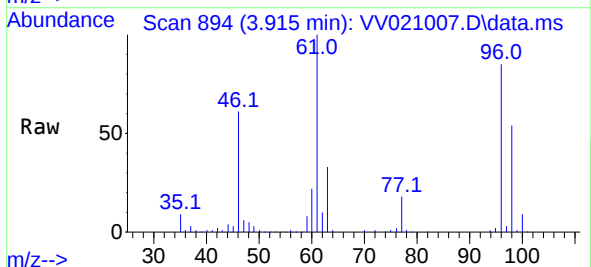
Instrument :
MSVOA_V
ClientSampled :

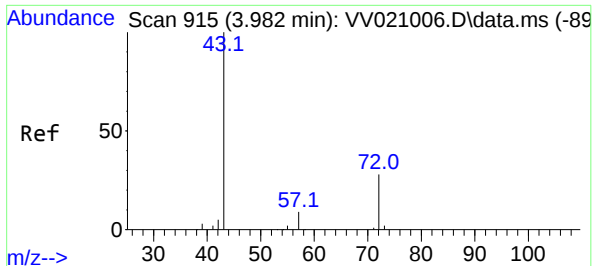
Tgt Ion: 63 Resp: 467348
Ion Ratio Lower Upper
63 100
65 32.2 22.7 42.1
83 15.1 10.6 19.8



#20
cis-1,2-Dichloroethene
Concen: 89.05 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 96 Resp: 304687
Ion Ratio Lower Upper
96 100
61 117.3 78.3 145.3
68 0.0 0.0 0.0

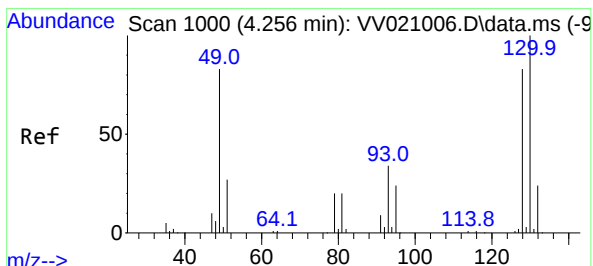
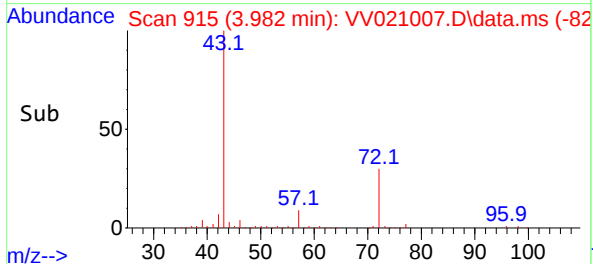
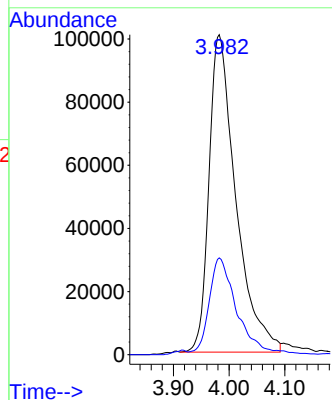
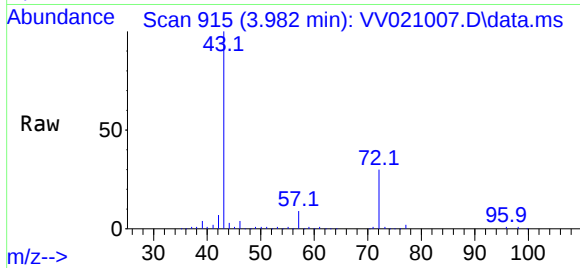




#22
2-Butanone
Concen: 173.53 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

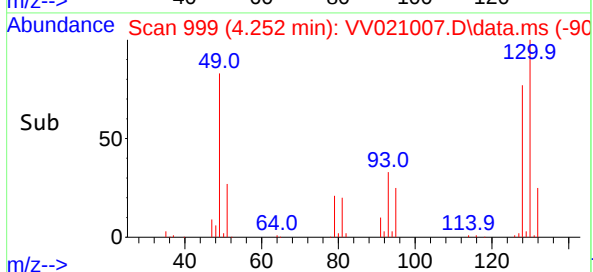
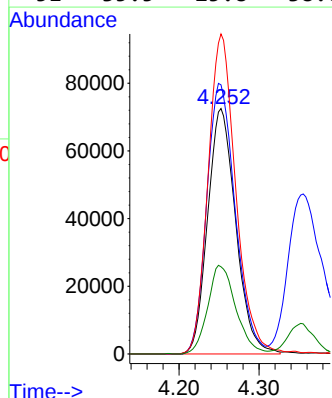
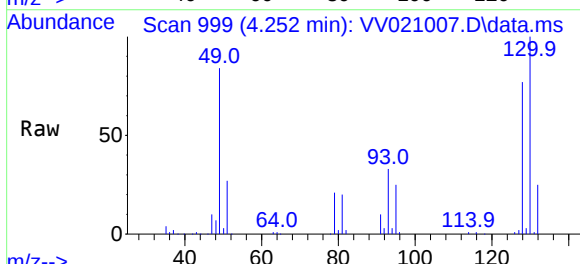
Instrument :
MSVOA_V
ClientSampled :

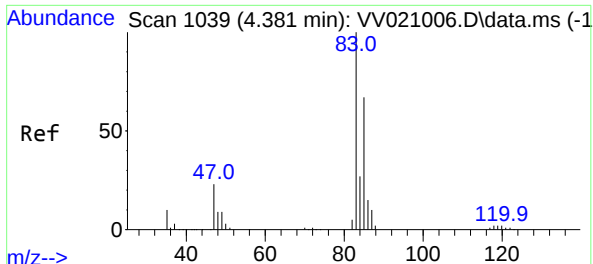
Tgt Ion: 43 Resp: 337201
Ion Ratio Lower Upper
43 100
72 29.3 14.7 44.1



#23
Bromochloromethane
Concen: 93.92 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion:128 Resp: 176793
Ion Ratio Lower Upper
128 100
49 109.6 70.1 130.1
130 130.4 84.7 157.3
51 35.5 25.8 38.6



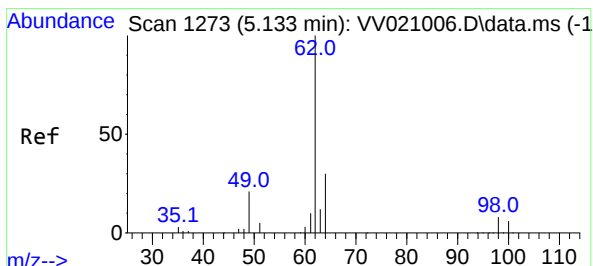
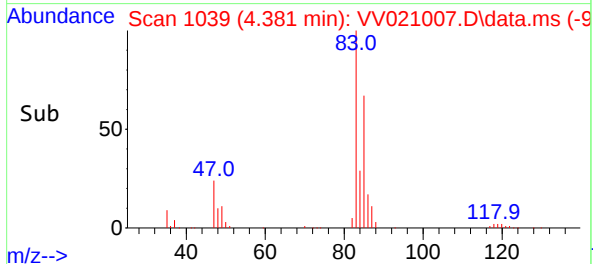
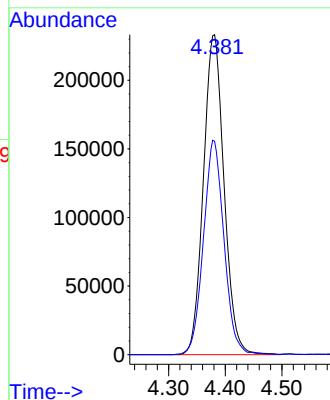
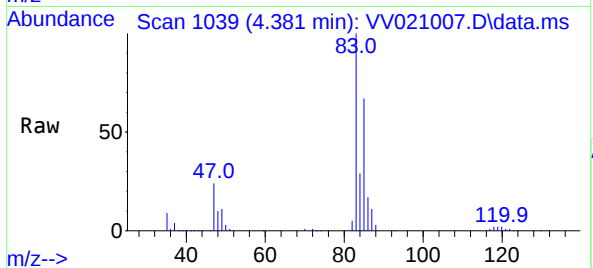


#25

Chloroform
Concen: 93.77 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Instrument :
MSVOA_V
ClientSampled :

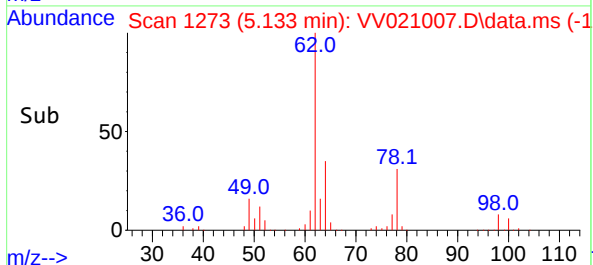
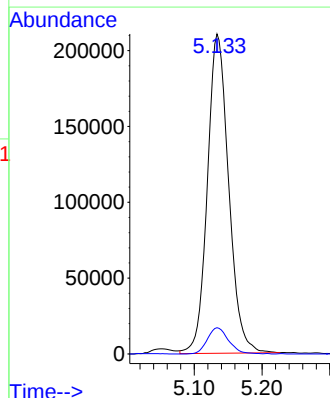
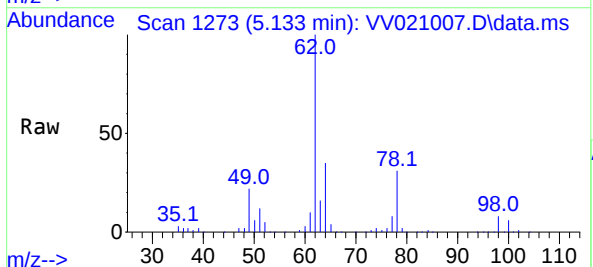
Tgt Ion: 83 Resp: 591743
Ion Ratio Lower Upper
83 100
85 66.7 46.6 86.6

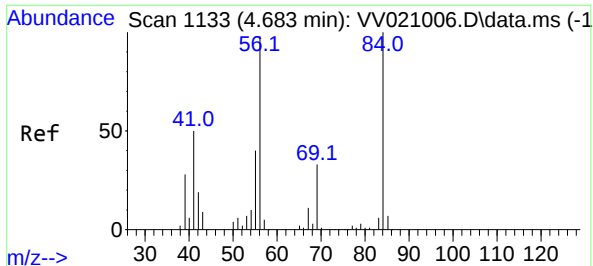


#27

1,2-Dichloroethane
Concen: 97.66 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 62 Resp: 459760
Ion Ratio Lower Upper
62 100
98 8.2 6.7 10.1





#29

Cyclohexane

Concen: 86.65 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.000 min

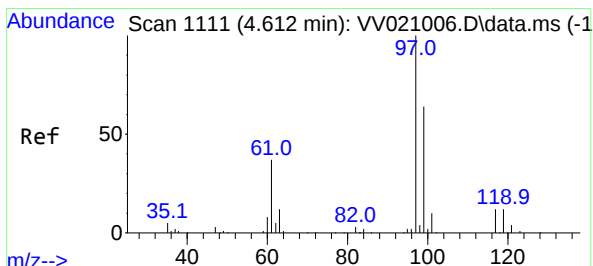
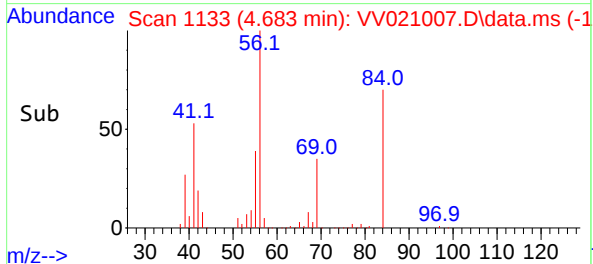
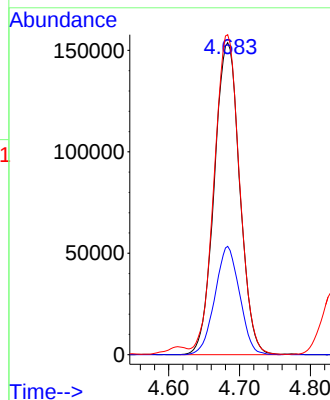
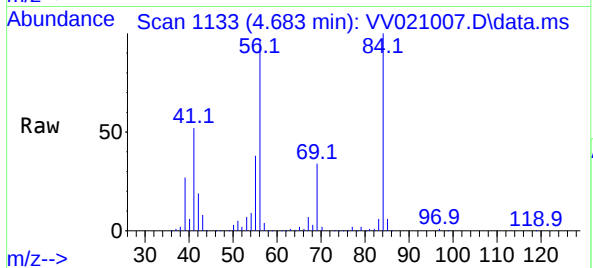
Lab File: VV021007.D

Acq: 14 Apr 2021 15:02

Tgt Ion: 56 Resp: 383909

Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.0	40.6
84	102.0	82.6	124.0

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 103.39 ug/L

RT: 4.613 min Scan# 1111

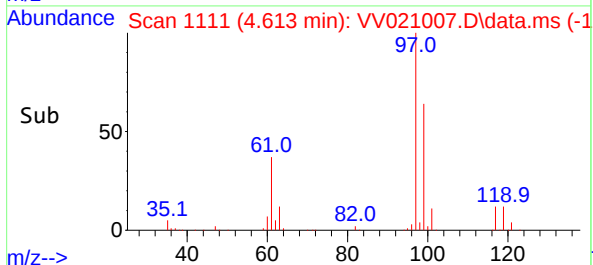
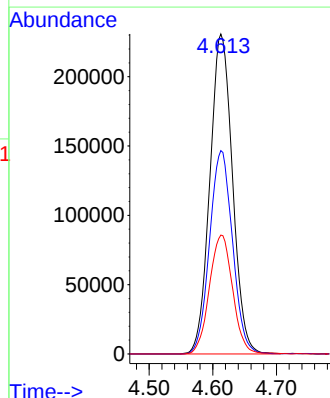
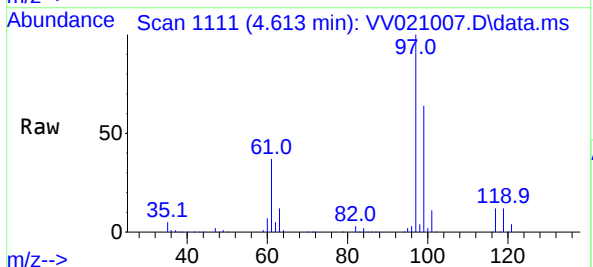
Delta R.T. 0.000 min

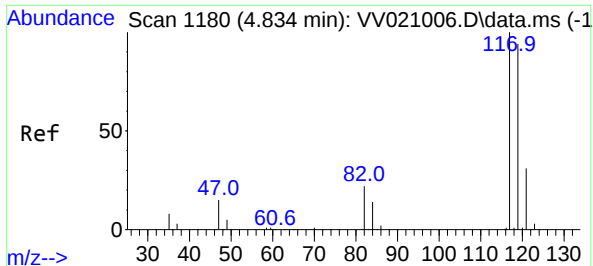
Lab File: VV021007.D

Acq: 14 Apr 2021 15:02

Tgt Ion: 97 Resp: 570844

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.8
61	38.0	30.4	45.6

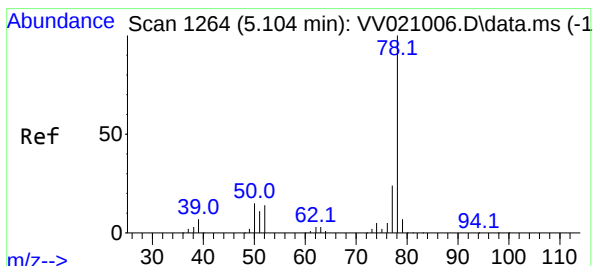
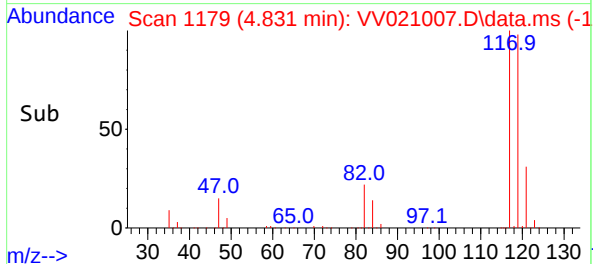
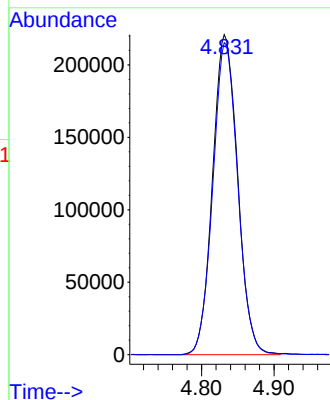
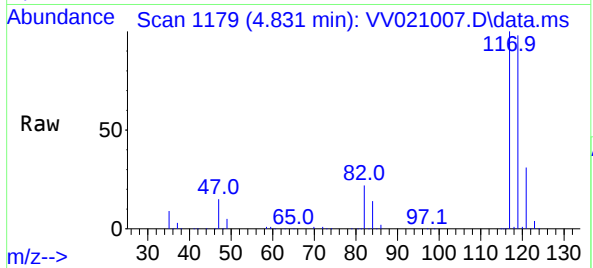




#31
Carbon tetrachloride
Concen: 108.40 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

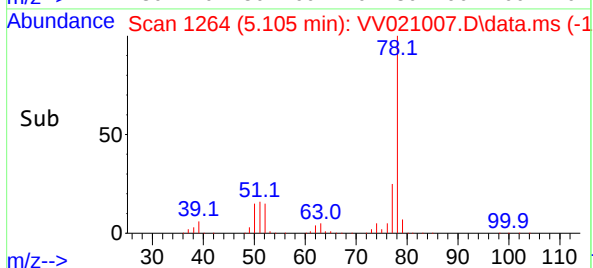
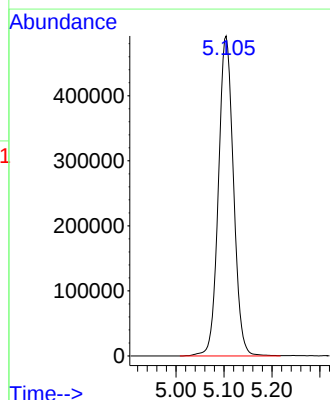
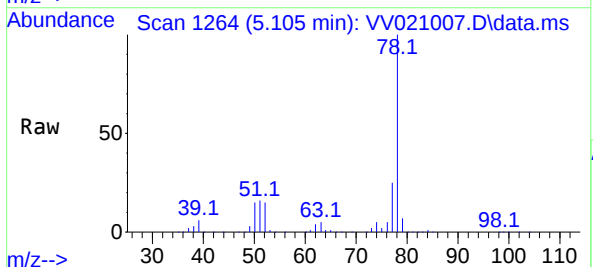
Instrument :
MSVOA_V
ClientSampled :

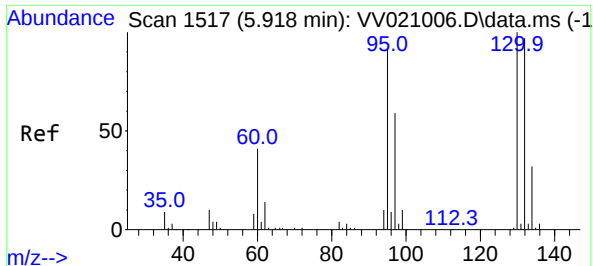
Tgt Ion:117 Resp: 530086
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1



#33
Benzene
Concen: 85.68 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 78 Resp: 1073155

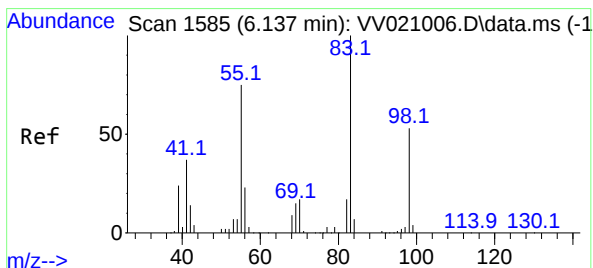
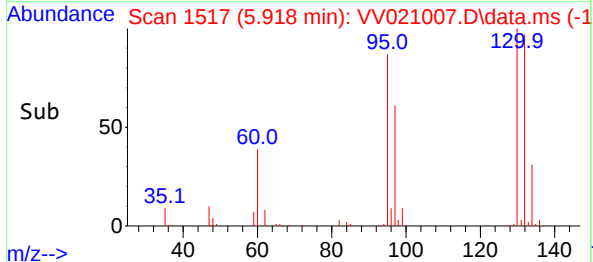
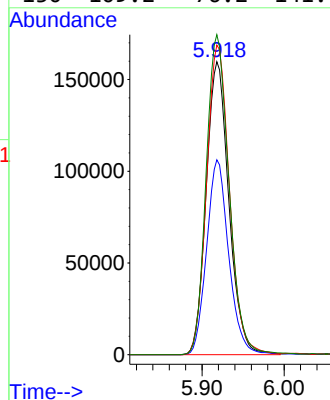
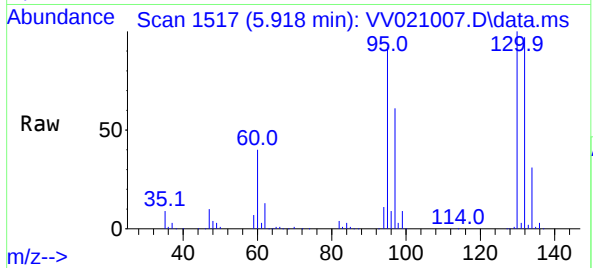




#34
Trichloroethene
Concen: 84.05 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

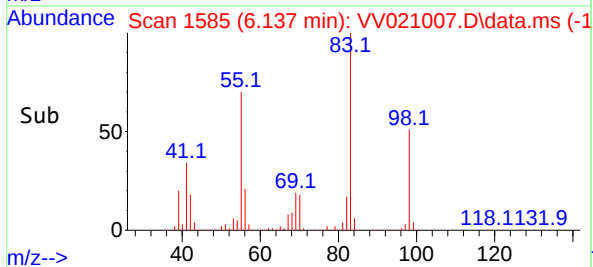
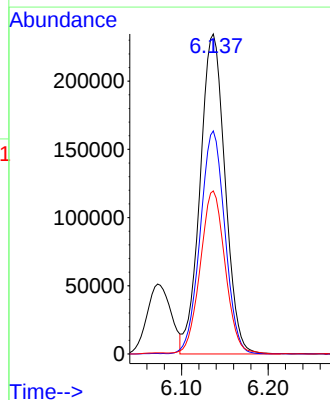
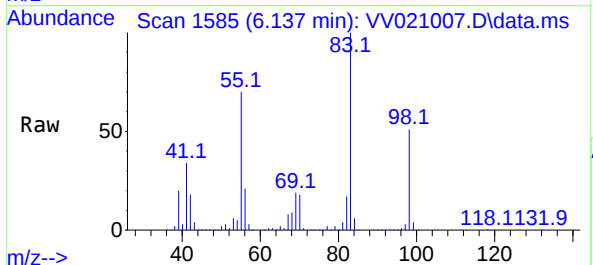
Instrument :
MSVOA_V
ClientSampleId :

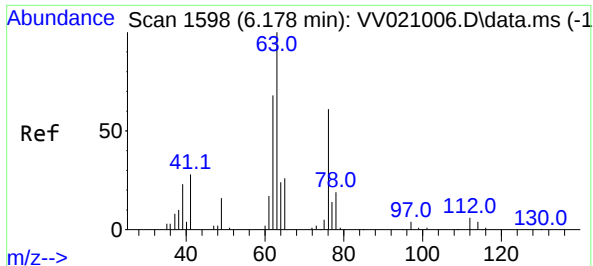
Tgt Ion: 95 Resp: 306966
Ion Ratio Lower Upper
95 100
97 66.5 45.1 83.9
132 105.6 74.2 137.8
130 109.2 76.2 141.4



#35
Methylcyclohexane
Concen: 94.57 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 83 Resp: 469596
Ion Ratio Lower Upper
83 100
55 69.0 55.3 82.9
98 51.0 41.2 61.8

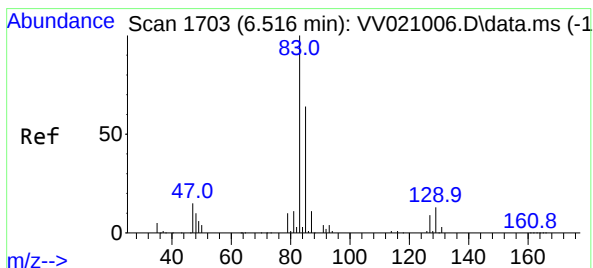
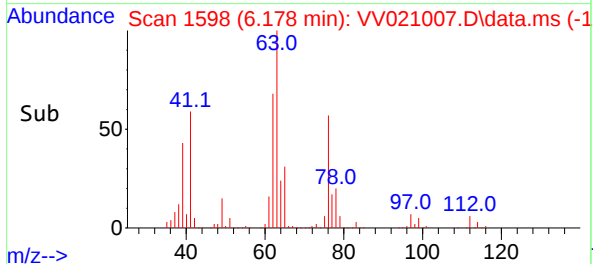
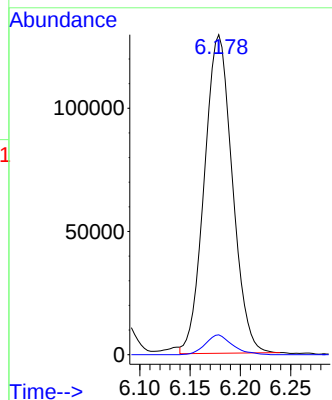
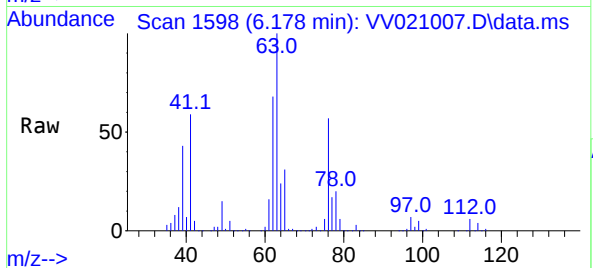




#37
1,2-Dichloropropane
Concen: 79.84 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

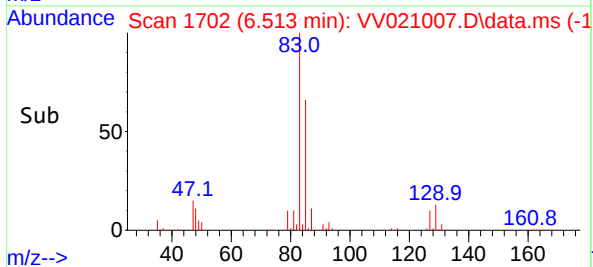
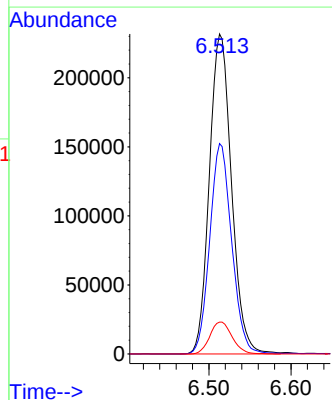
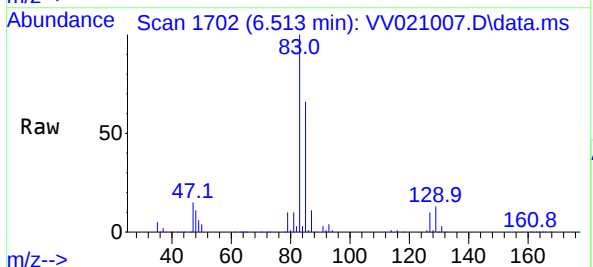
Instrument :
MSVOA_V
ClientSampled :

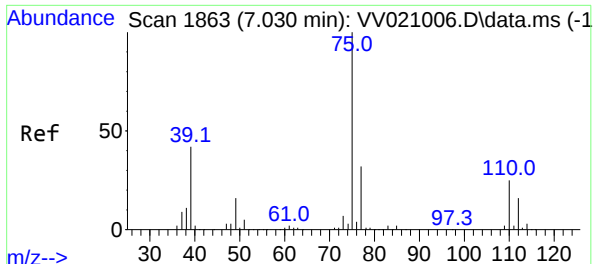
Tgt Ion: 63 Resp: 250362
Ion Ratio Lower Upper
63 100
112 6.0 4.8 7.2



#38
Bromodichloromethane
Concen: 96.45 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 83 Resp: 433916
Ion Ratio Lower Upper
83 100
85 65.7 44.6 82.8
127 9.9 7.5 11.3

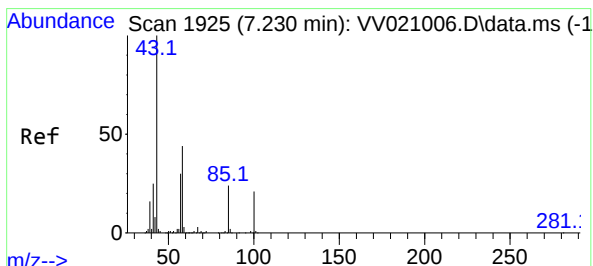
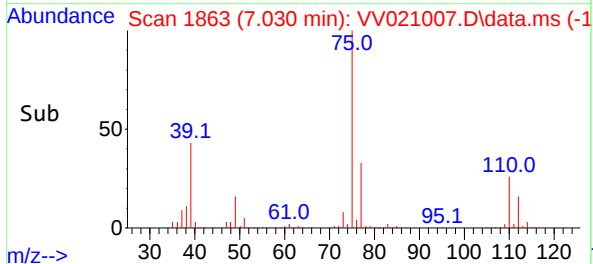
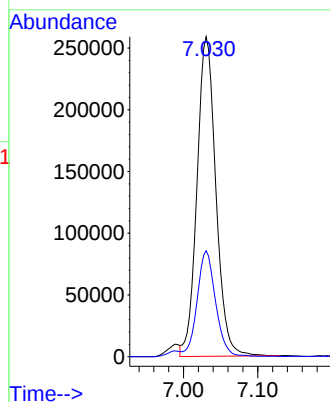
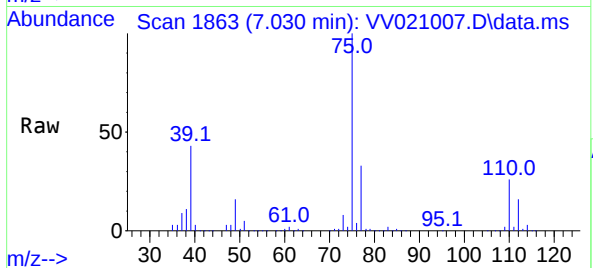




#39
cis-1,3-Dichloropropene
Concen: 93.54 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

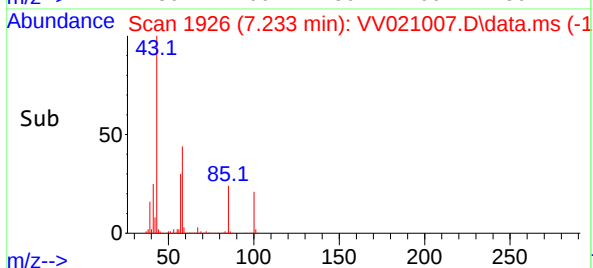
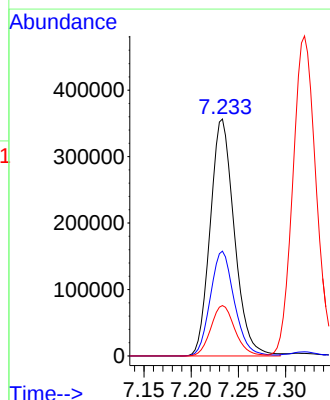
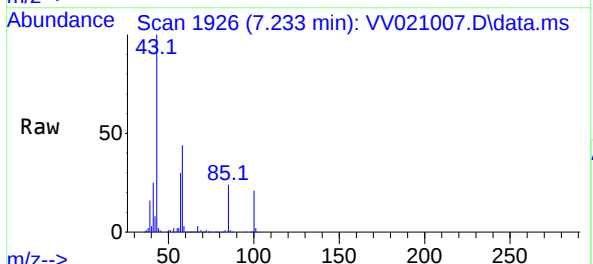
Instrument :
MSVOA_V
ClientSampleId :

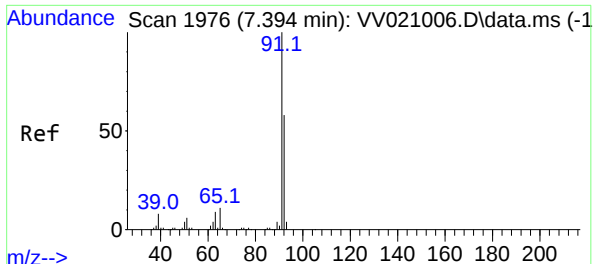
Tgt Ion: 75 Resp: 457630
Ion Ratio Lower Upper
75 100
77 33.1 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 163.28 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 43 Resp: 633176
Ion Ratio Lower Upper
43 100
58 44.2 34.7 52.1
100 21.3 17.5 26.3





#42

Toluene

Concen: 91.18 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. -0.003 min

Lab File: VV021007.D

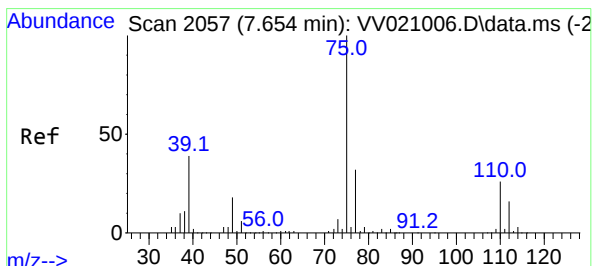
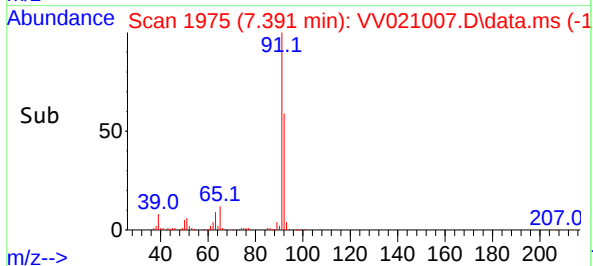
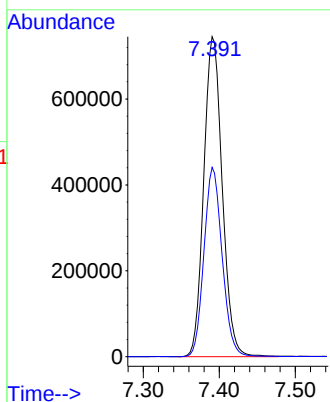
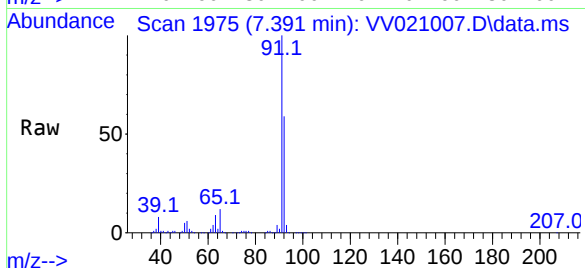
Acq: 14 Apr 2021 15:02

Tgt Ion: 91 Resp: 1259784

Ion Ratio Lower Upper

91 100

92 59.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 101.03 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV021007.D

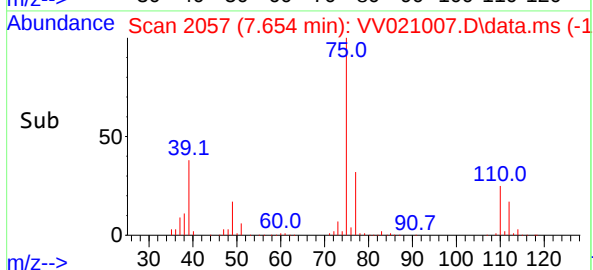
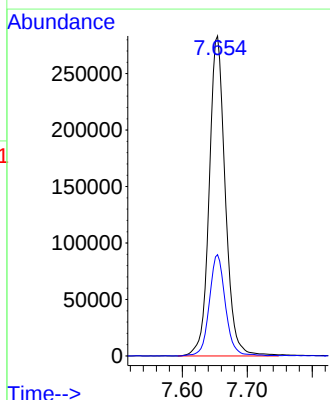
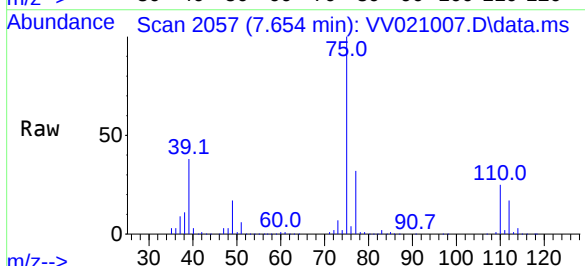
Acq: 14 Apr 2021 15:02

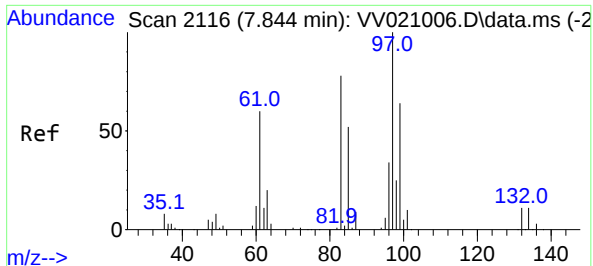
Tgt Ion: 75 Resp: 488391

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.3



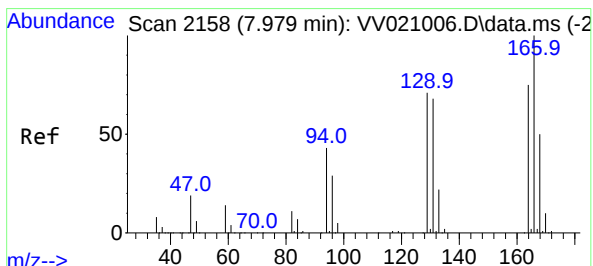
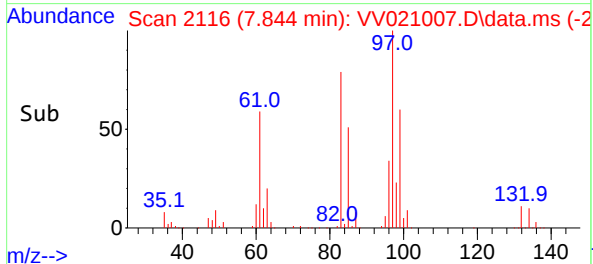
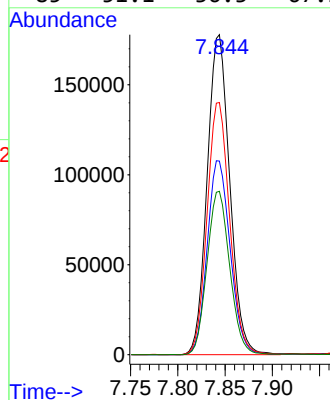
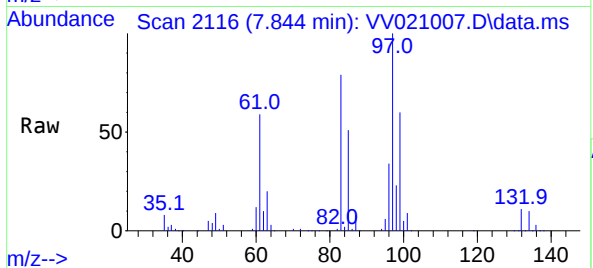


#45
1,1,2-Trichloroethane
Concen: 88.15 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 296286

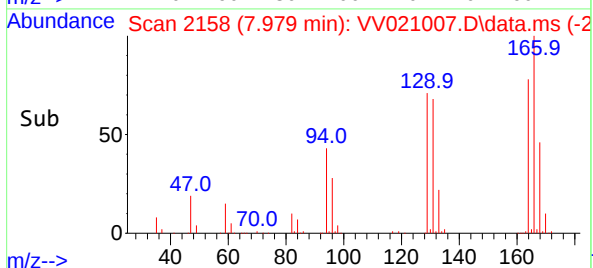
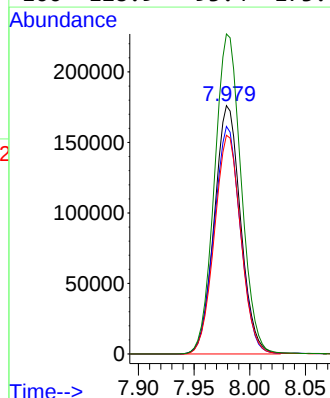
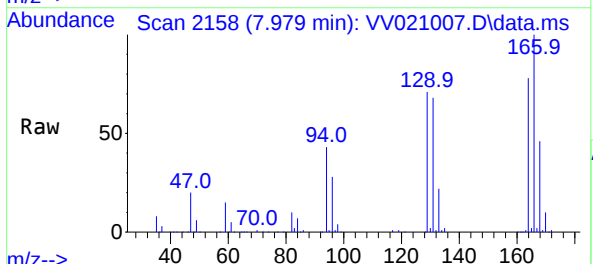
Ion	Ratio	Lower	Upper
97	100		
99	60.5	44.9	83.3
83	78.8	54.5	101.1
85	51.1	36.3	67.3

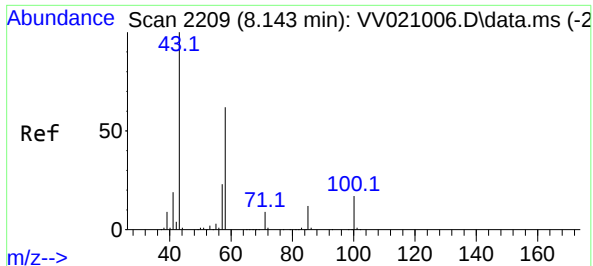


#46
Tetrachloroethene
Concen: 95.90 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 164 Resp: 289180

Ion	Ratio	Lower	Upper
164	100		
129	91.6	66.5	123.5
131	88.0	63.8	118.4
166	128.9	93.4	173.4



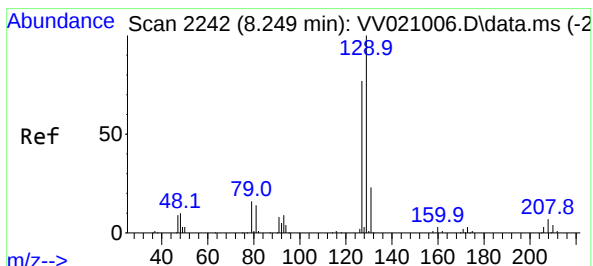
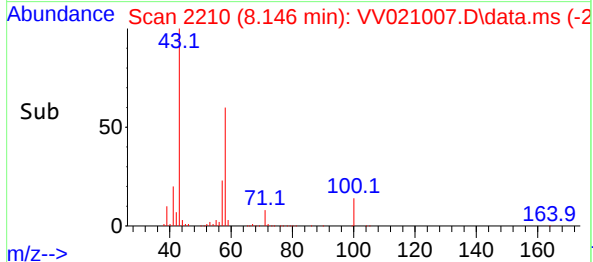
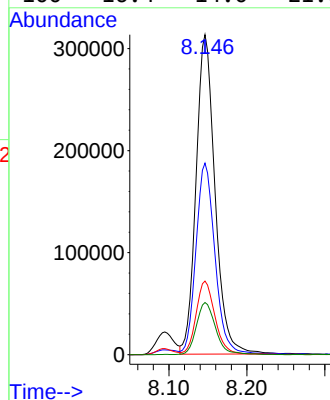
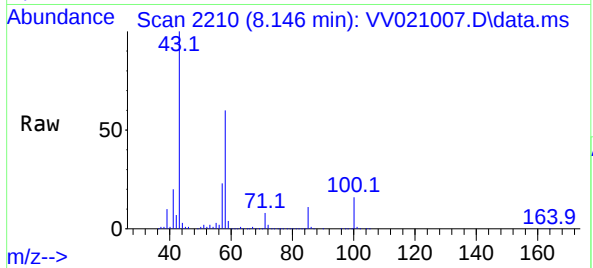


#48
2-Hexanone
Concen: 176.70 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 530988

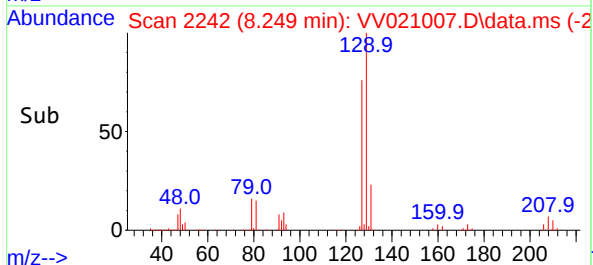
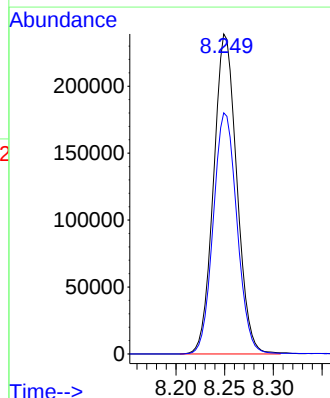
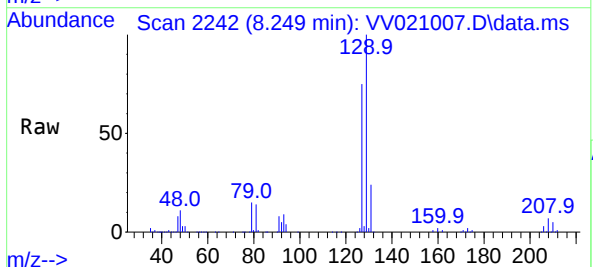
Ion	Ratio	Lower	Upper
43	100		
58	59.3	47.5	71.3
57	22.3	19.6	29.4
100	16.4	14.0	21.0

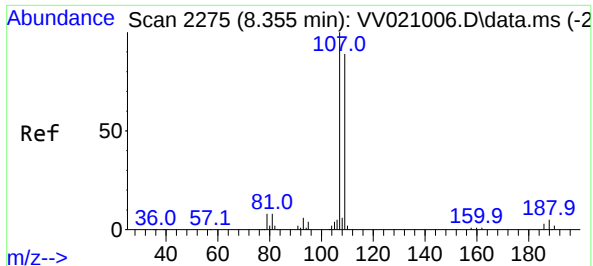


#49
Dibromochloromethane
Concen: 104.75 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 129 Resp: 396736

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.0	100.2





#50

1,2-Dibromoethane

Concen: 91.16 ug/L

RT: 8.355 min Scan# 2275

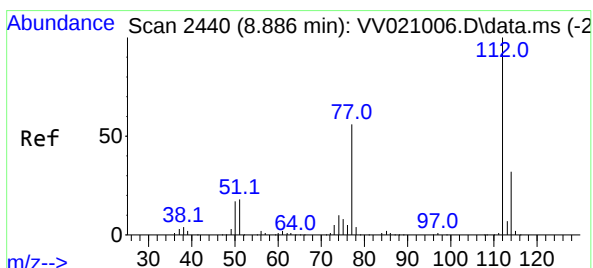
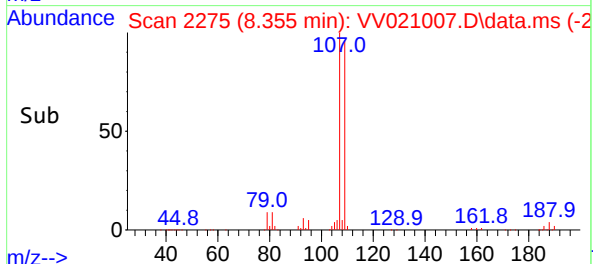
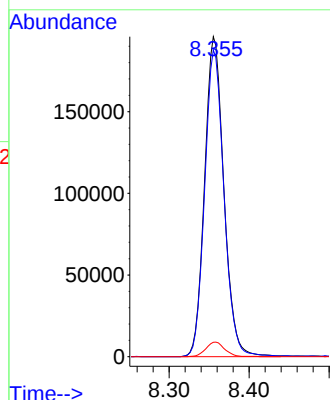
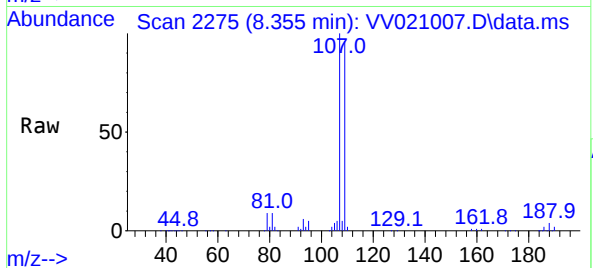
Delta R.T. 0.000 min

Lab File: VV021007.D

Acq: 14 Apr 2021 15:02

Tgt Ion:	107	Resp:	329057
Ion	Ratio	Lower	Upper
107	100		
109	95.9	62.2	115.6
188	4.5	3.8	5.8

Instrument :
MSVOA_V
ClientSampled :



#51

Chlorobenzene

Concen: 88.38 ug/L

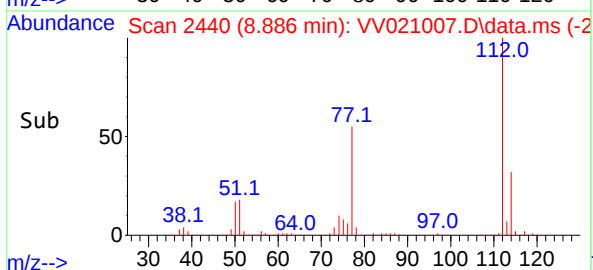
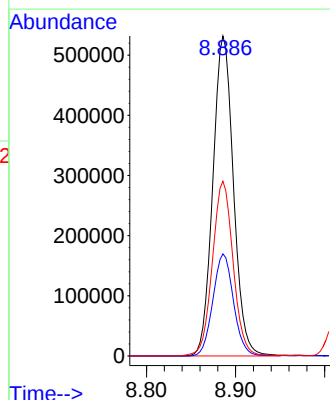
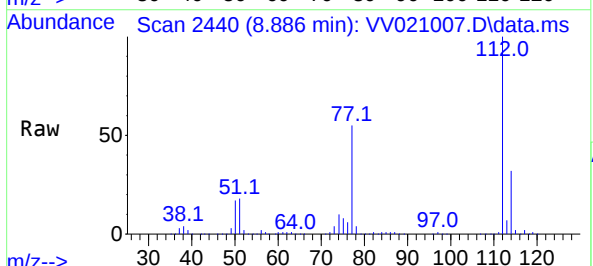
RT: 8.886 min Scan# 2440

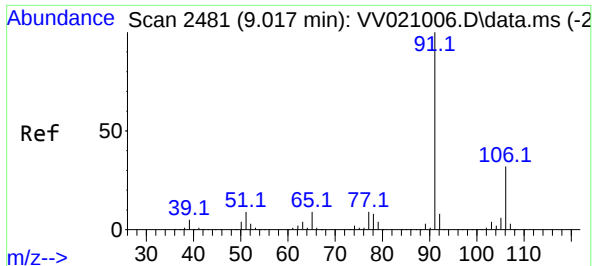
Delta R.T. 0.000 min

Lab File: VV021007.D

Acq: 14 Apr 2021 15:02

Tgt Ion:	112	Resp:	854312
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.2	41.2
77	54.6	44.8	67.2





#52

Ethylbenzene

Concen: 93.76 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.000 min

Lab File: VV021007.D

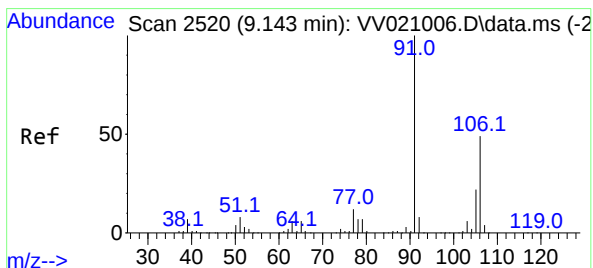
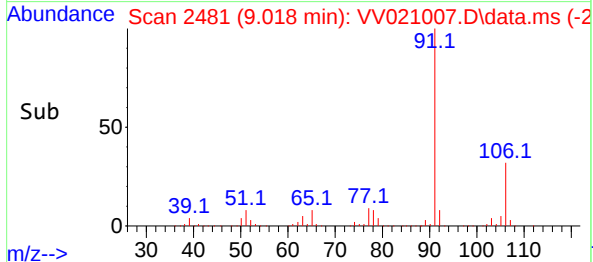
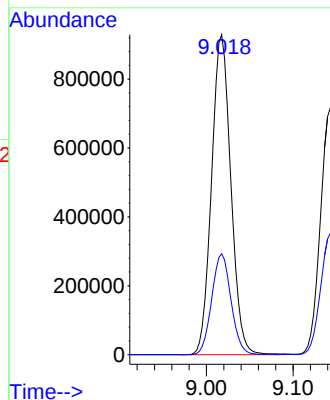
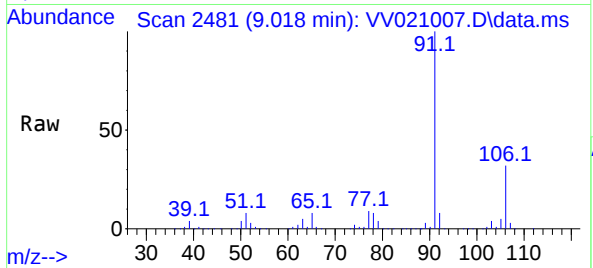
Acq: 14 Apr 2021 15:02

Tgt Ion: 91 Resp: 1438251

Ion Ratio Lower Upper

91 100

106 31.5 22.1 41.1



#53

m,p-Xylene

Concen: 95.03 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VV021007.D

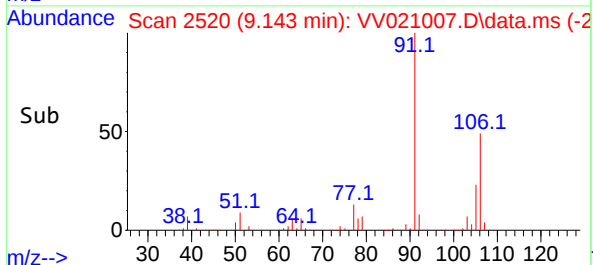
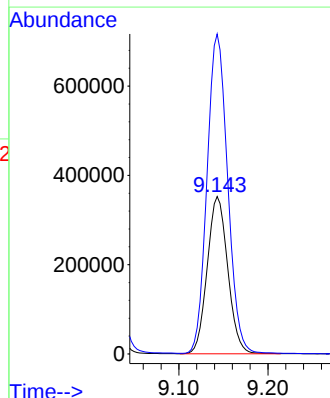
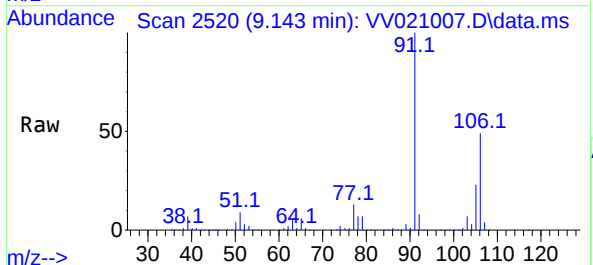
Acq: 14 Apr 2021 15:02

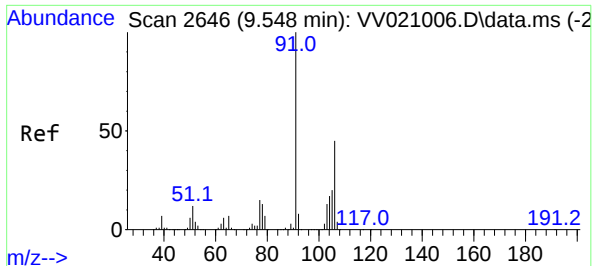
Tgt Ion: 106 Resp: 564158

Ion Ratio Lower Upper

106 100

91 203.3 143.3 266.1

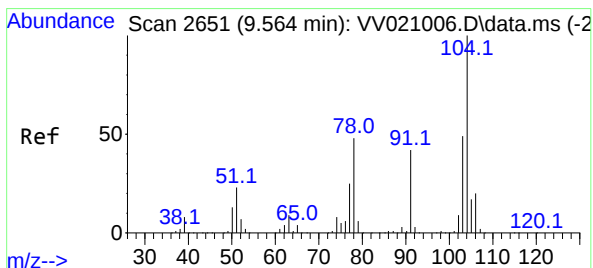
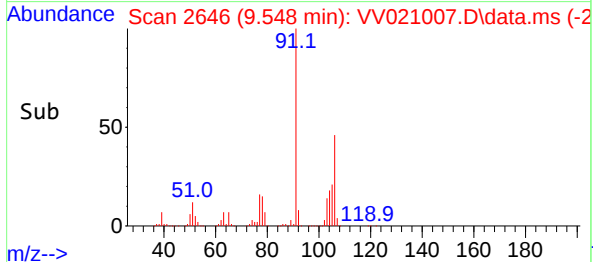
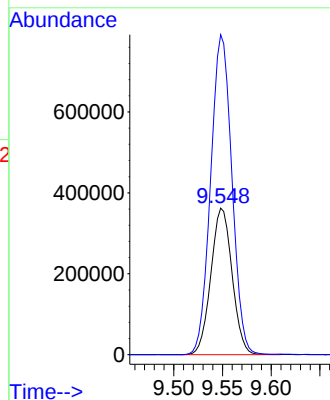
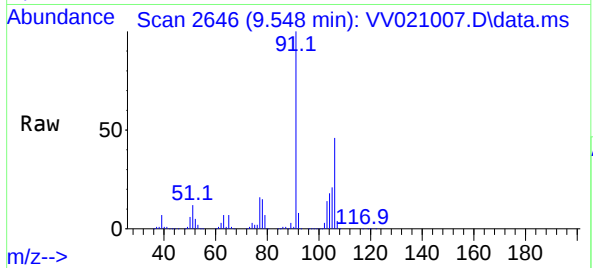




#54
o-Xylene
Concen: 94.54 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

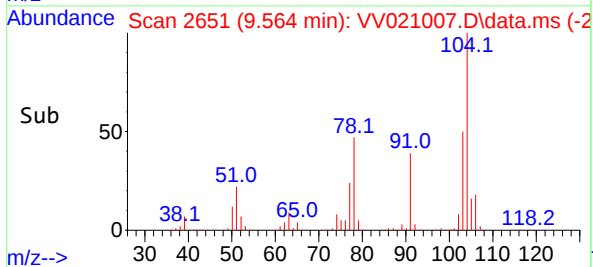
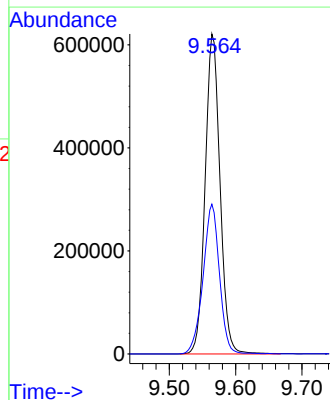
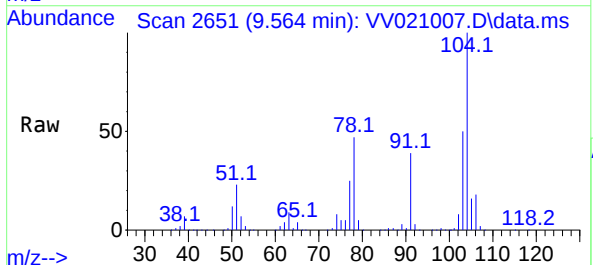
Instrument :
MSVOA_V
ClientSampled :

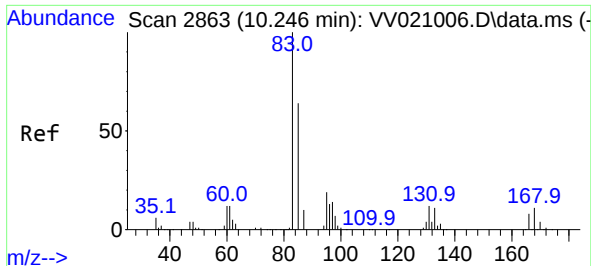
Tgt Ion:106 Resp: 548625
Ion Ratio Lower Upper
106 100
91 218.2 154.5 286.9



#55
Styrene
Concen: 97.36 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion:104 Resp: 968157
Ion Ratio Lower Upper
104 100
78 46.8 33.4 62.0

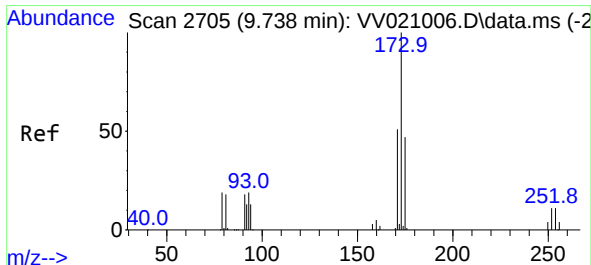
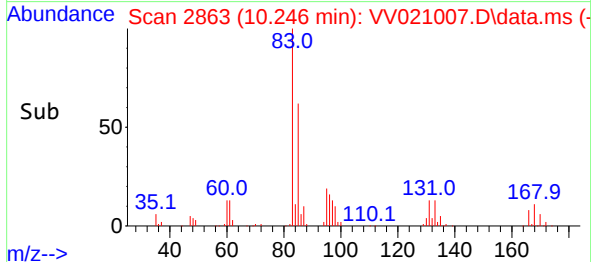
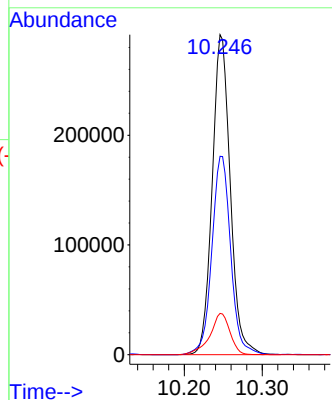
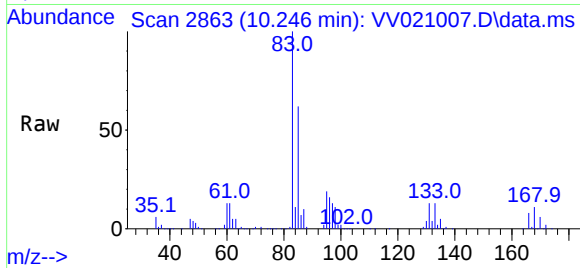




#57
1,1,2,2-Tetrachloroethane
Concen: 93.83 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

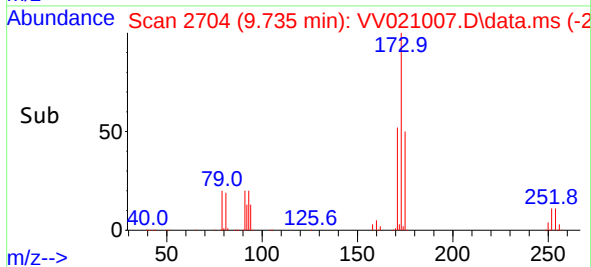
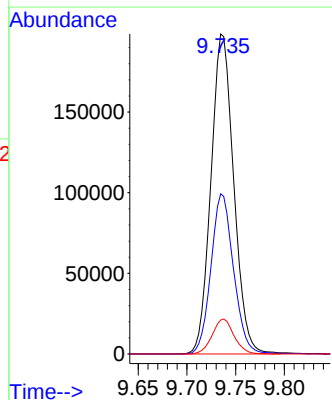
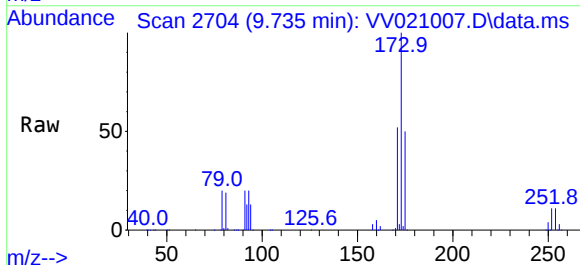
Instrument :
MSVOA_V
ClientSampled :

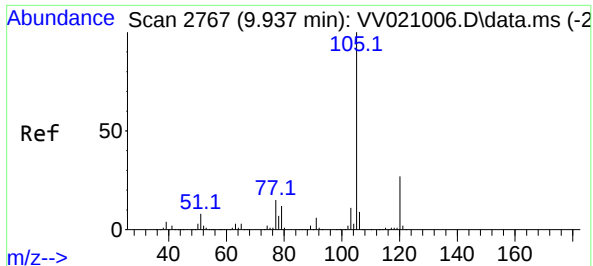
Tgt Ion: 83 Resp: 469362
Ion Ratio Lower Upper
83 100
85 62.0 44.7 83.1
131 12.9 10.0 15.0



#59
Bromoform
Concen: 110.28 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.003 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion:173 Resp: 322883
Ion Ratio Lower Upper
173 100
175 49.6 38.5 57.7
254 10.5 8.2 12.4

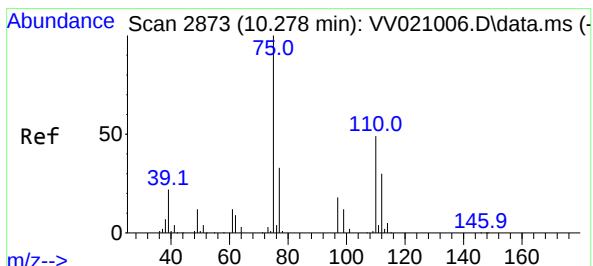
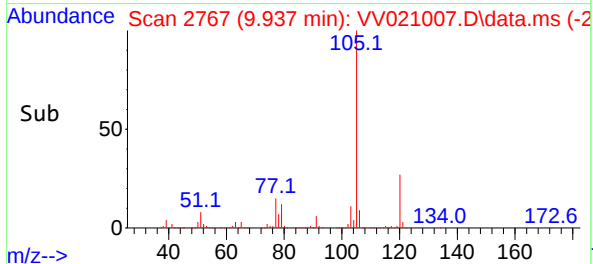
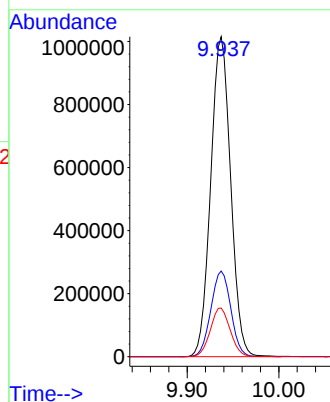
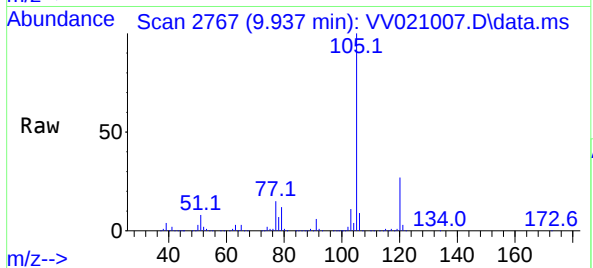




#60
Isopropylbenzene
Concen: 94.04 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

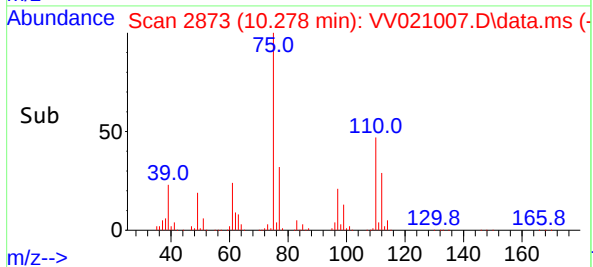
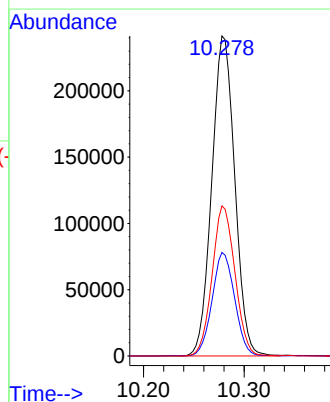
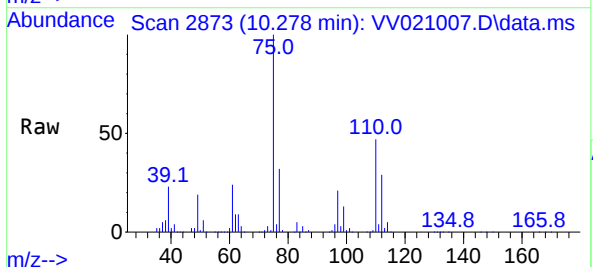
Instrument :
MSVOA_V
ClientSampled :

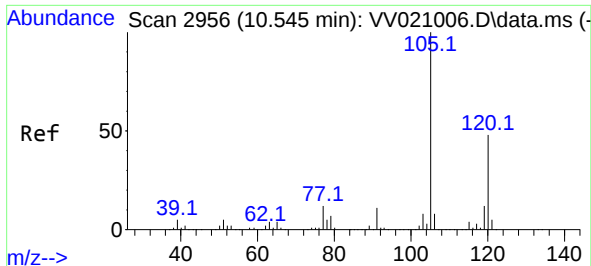
Tgt Ion:105 Resp: 1531302
Ion Ratio Lower Upper
105 100
120 26.8 20.8 31.2
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 83.52 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion: 75 Resp: 383304
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
110 46.5 38.6 57.8

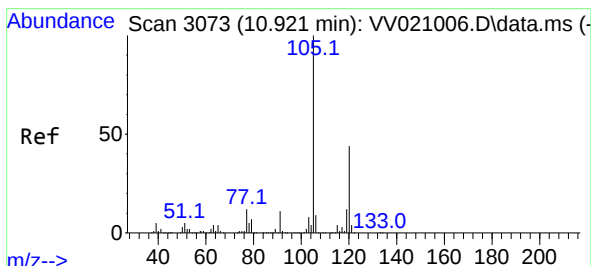
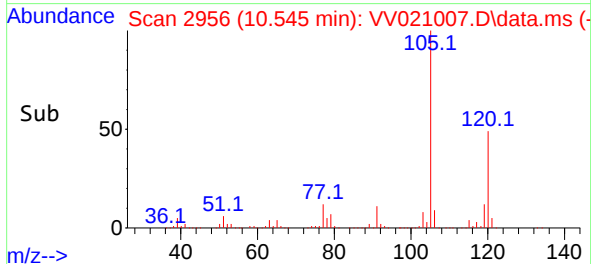
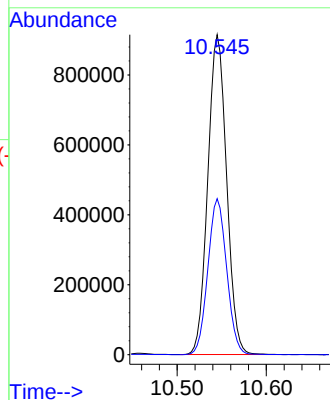
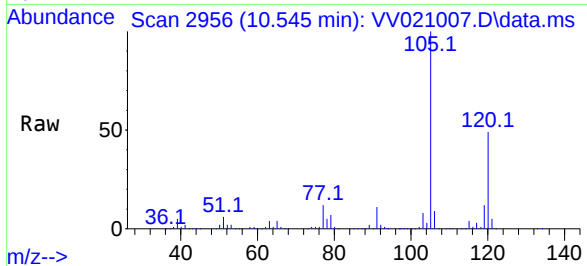




#62
1,3,5-Trimethylbenzene
Concen: 99.60 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

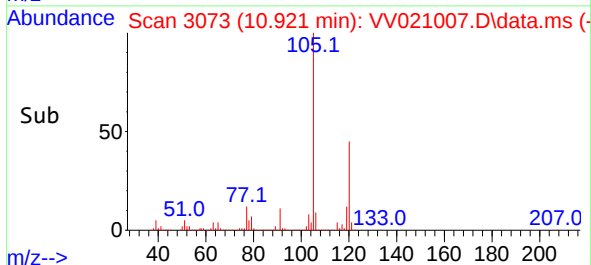
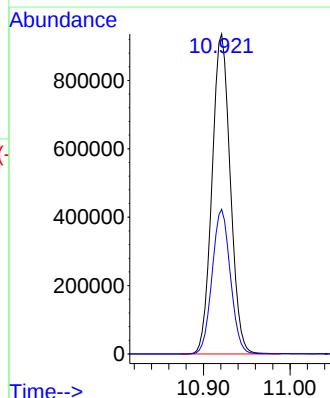
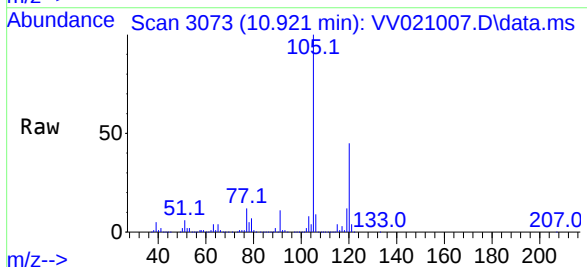
Instrument :
MSVOA_V
ClientSampled :

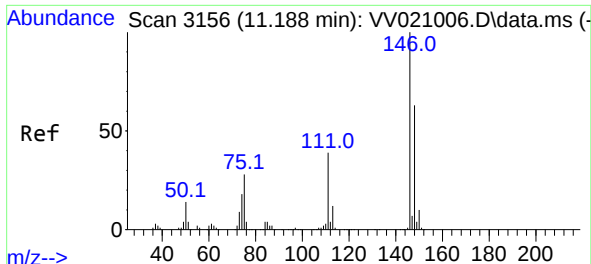
Tgt Ion:105 Resp: 1340694
Ion Ratio Lower Upper
105 100
120 48.7 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 99.70 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion:105 Resp: 1369891
Ion Ratio Lower Upper
105 100
120 45.2 35.7 53.5

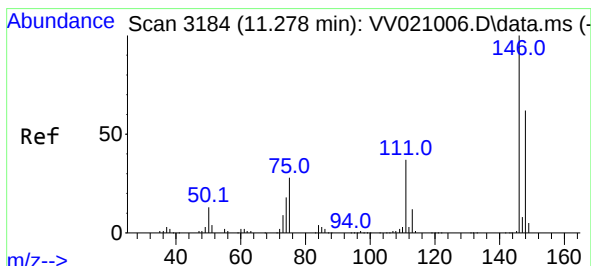
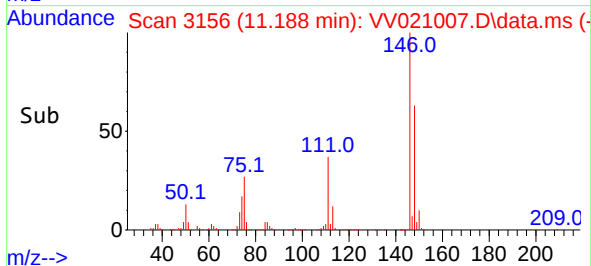
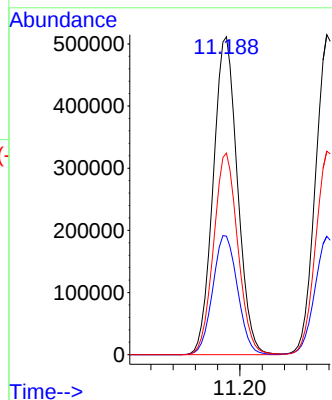
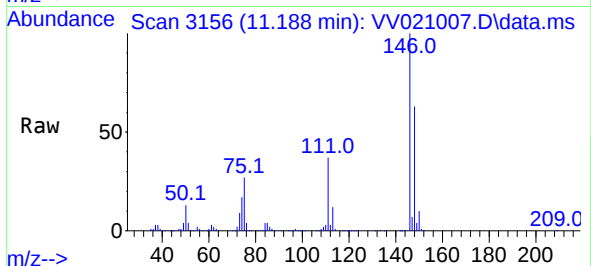




#64
1,3-Dichlorobenzene
Concen: 90.69 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

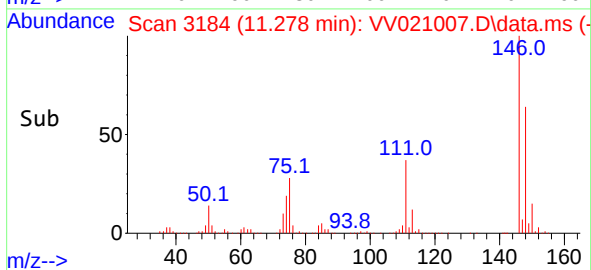
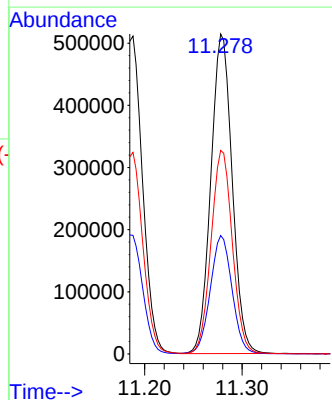
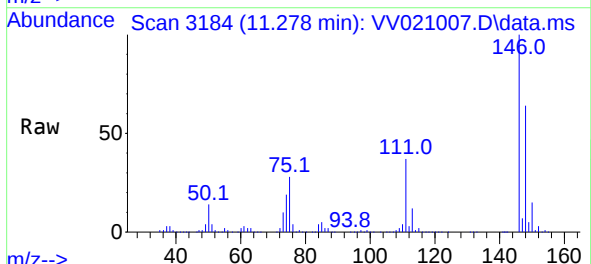
Instrument :
MSVOA_V
ClientSampled :

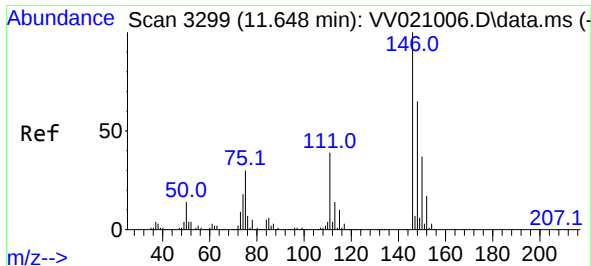
Tgt Ion:146 Resp: 774880
Ion Ratio Lower Upper
146 100
111 37.3 27.2 50.6
148 63.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 88.17 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion:146 Resp: 782457
Ion Ratio Lower Upper
146 100
111 37.0 26.3 48.9
148 63.6 43.5 80.7

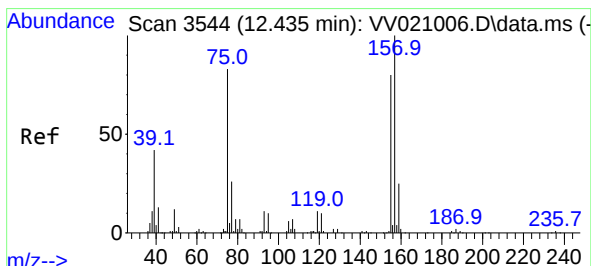
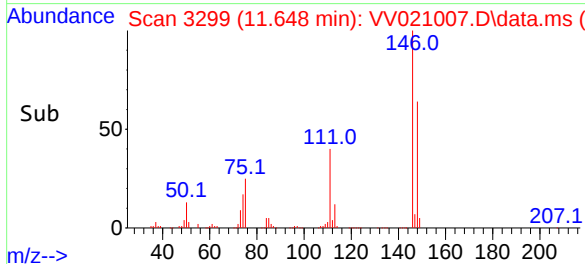
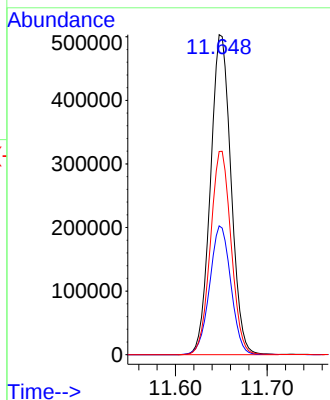
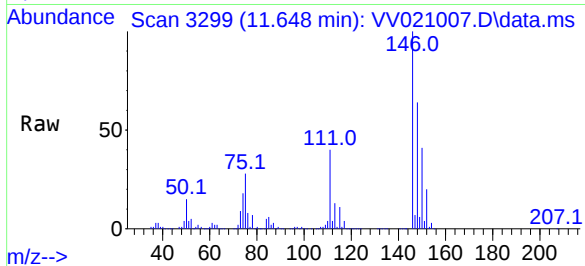




#67
1,2-Dichlorobenzene
Concen: 91.43 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

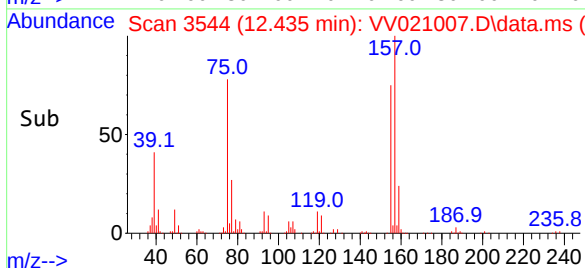
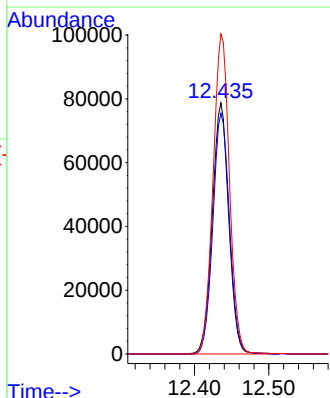
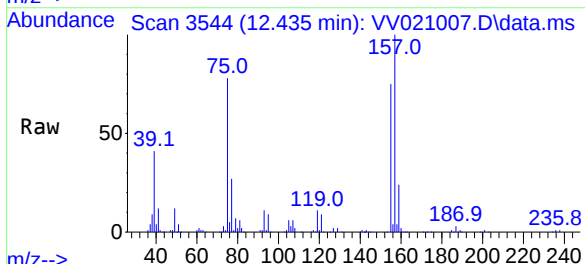
Instrument :
MSVOA_V
ClientSampleId :

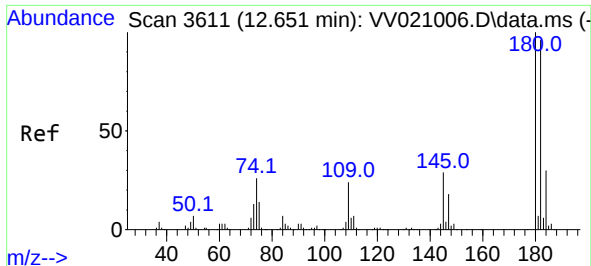
Tgt Ion:146 Resp: 782284
Ion Ratio Lower Upper
146 100
111 40.2 31.5 47.3
148 63.5 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 106.82 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

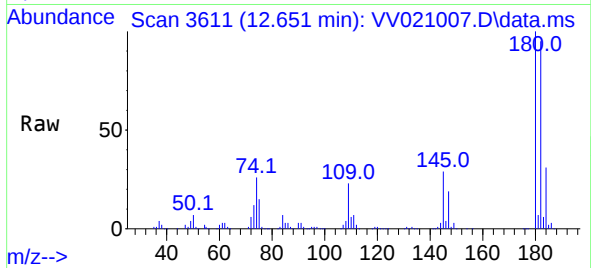
Tgt Ion: 75 Resp: 120921
Ion Ratio Lower Upper
75 100
155 95.8 77.4 116.0
157 127.4 96.8 145.2



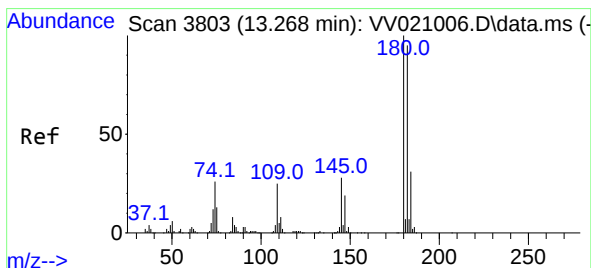
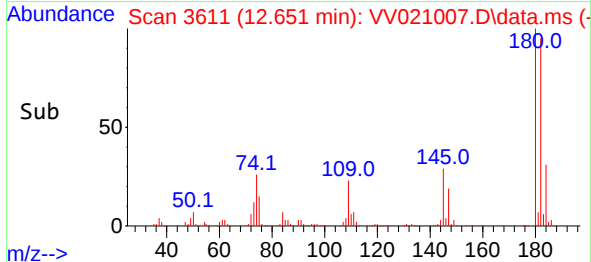
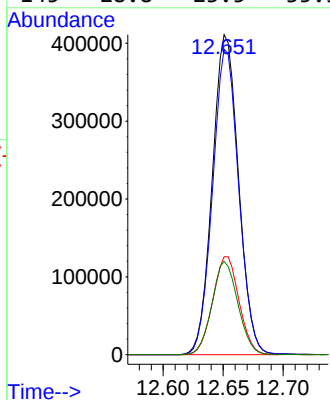


#69
1,3,5-Trichlorobenzene
Concen: 93.72 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

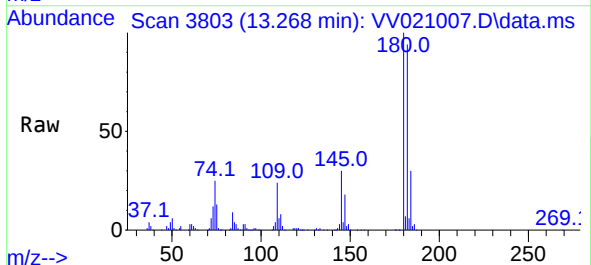
Instrument :
MSVOA_V
ClientSampled :



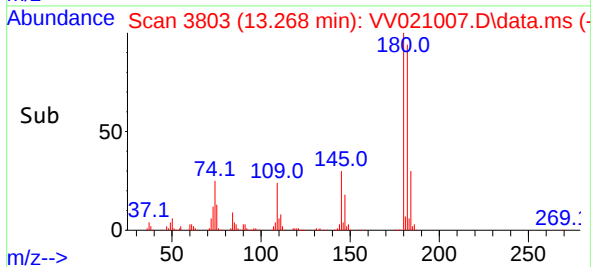
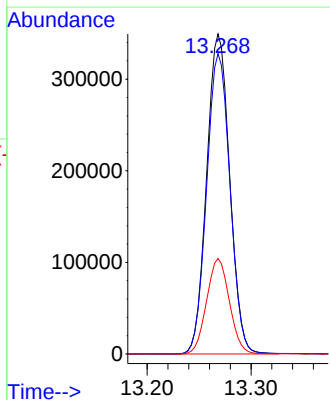
Tgt Ion:180 Resp: 624627
Ion Ratio Lower Upper
180 100
182 94.9 77.4 116.2
184 30.7 25.0 37.4
145 28.8 23.5 35.3

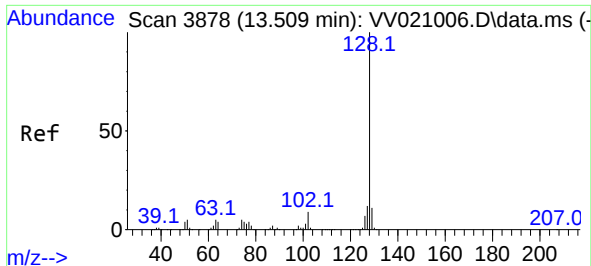


#70
1,2,4-trichlorobenzene
Concen: 94.12 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02



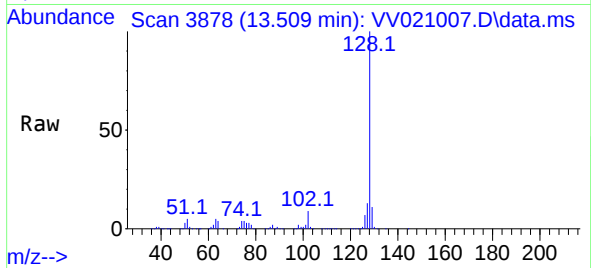
Tgt Ion:180 Resp: 538748
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.8
145 29.5 22.9 34.3



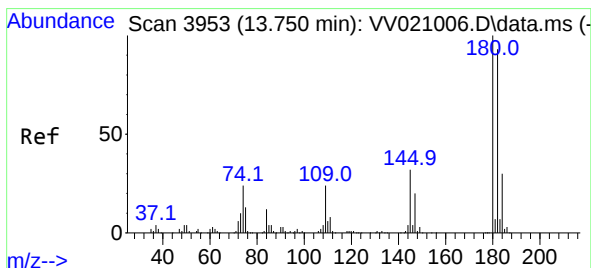
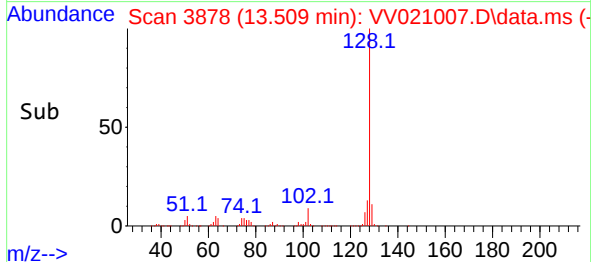
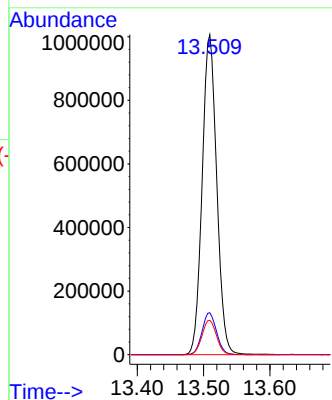


#71
Naphthalene
Concen: 98.36 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:128 Resp: 1538387
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 94.36 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV021007.D
Acq: 14 Apr 2021 15:02

Tgt Ion:180 Resp: 545198
Ion Ratio Lower Upper
180 100
182 95.4 75.7 113.5
145 31.9 25.6 38.4

