

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042921\
 Data File : VW021231.D
 Acq On : 29 Apr 2021 19:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 05:59:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 30 05:55:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	599912	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	583362	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	338000	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	166638	33.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.60%		
7) Chloroethane-d5	1.571	69	129863	35.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.62%		
11) 1,1-Dichloroethene-d2	2.111	63	365959	40.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.50%		
21) 2-Butanone-d5	3.896	46	257992	107.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.18%		
24) Chloroform-d	4.352	84	411763	46.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.70%		
26) 1,2-Dichloroethane-d4	5.034	65	300355	53.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.54%		
32) Benzene-d6	5.053	84	718675	46.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.52%		
36) 1,2-Dichloropropane-d6	6.076	67	192711	41.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.12%		
41) Toluene-d8	7.320	98	718290	47.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.54%		
43) trans-1,3-Dichloroprop...	7.481	79	1242	0.49	ug/L	-0.14
Spiked Amount 50.000	Range 60 - 125		Recovery =	0.98%#		
47) 2-Hexanone-d5	8.092	63	188791	102.64	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.64%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	306904	43.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.76%		
66) 1,2-Dichlorobenzene-d4	11.632	152	332924	49.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.72%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	257981	42.59	ug/L	100
3) Chloromethane	1.243	50	183412	35.18	ug/L	94
5) Vinyl chloride	1.314	62	200609	37.59	ug/L	100
6) Bromomethane	1.523	94	142152	39.53	ug/L	100
8) Chloroethane	1.587	64	124314	39.48	ug/L	98
9) Trichlorofluoromethane	1.754	101	434995	45.74	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	189037	40.08	ug/L	94
12) 1,1-Dichloroethene	2.121	96	171938	40.15	ug/L	90
13) Acetone	2.195	43	218531	97.19	ug/L	74
14) Carbon disulfide	2.294	76	499458	42.52	ug/L	100
15) Methyl Acetate	2.439	43	177515	47.74	ug/L	98
16) Methylene chloride	2.510	84	203519	45.57	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	188548	45.82	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	656875	52.00	ug/L #	91
19) 1,1-Dichloroethane	3.191	63	336229	45.28	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	215293	49.02	ug/L #	96
22) 2-Butanone	3.982	43	265022	101.77	ug/L	95
23) Bromochloromethane	4.253	128	124187	49.07	ug/L	95
25) Chloroform	4.378	83	408584	48.89	ug/L	96

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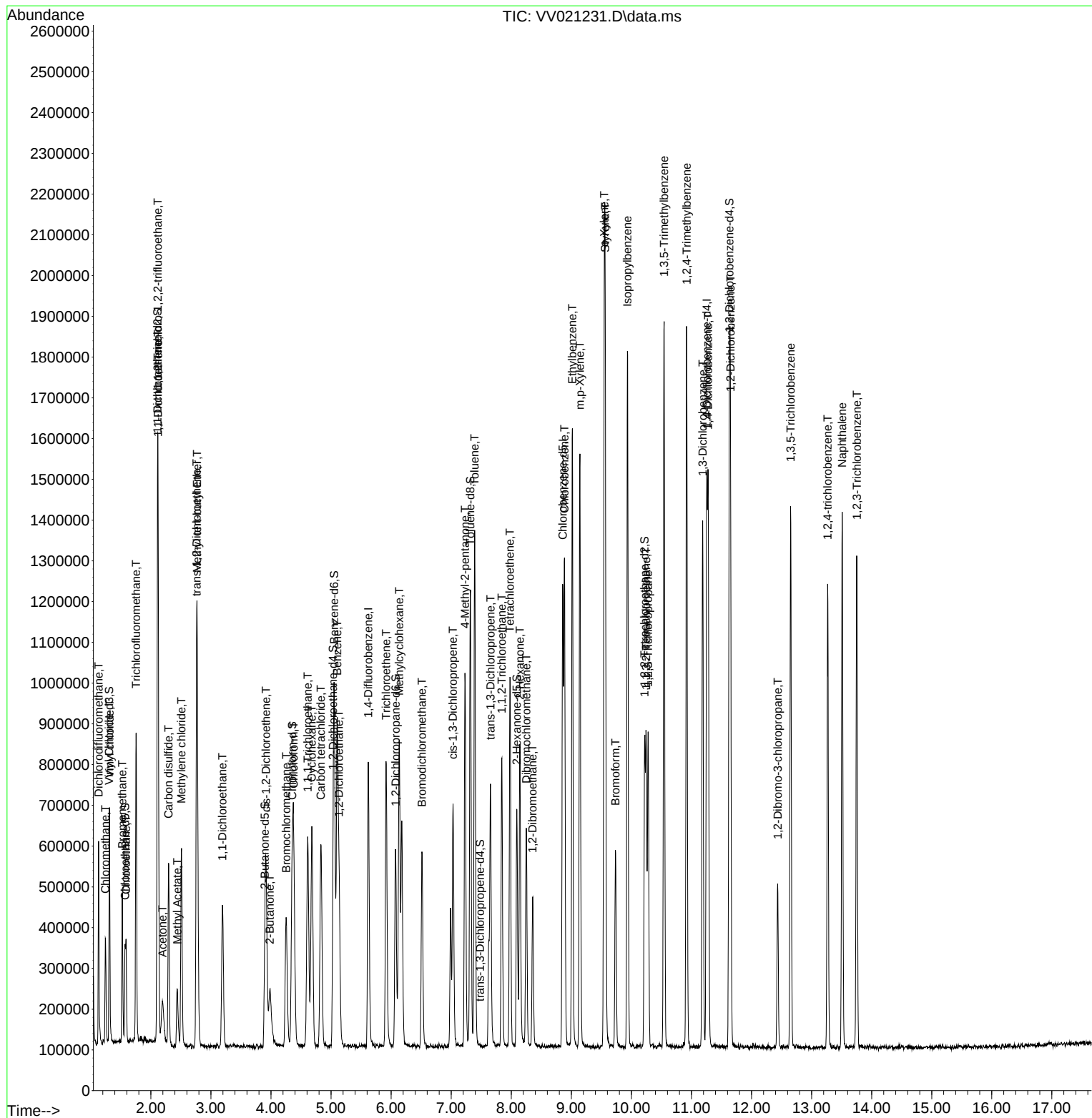
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	372554	55.99	ug/L	99
29) Cyclohexane	4.680	56	270691	45.60	ug/L	96
30) 1,1,1-Trichloroethane	4.613	97	412890	52.83	ug/L	98
31) Carbon tetrachloride	4.831	117	383701	53.16	ug/L	99
33) Benzene	5.101	78	764096	46.99	ug/L	100
34) Trichloroethene	5.918	95	223611	49.68	ug/L	96
35) Methylcyclohexane	6.137	83	310600	45.92	ug/L	98
38) Bromodichloromethane	6.513	83	307060	49.33	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	309782	47.55	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	533745	110.54	ug/L	96
42) Toluene	7.391	91	869785	48.72	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	331348	49.15	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	206386	47.57	ug/L	94
46) Tetrachloroethene	7.979	164	201289	50.00	ug/L	97
48) 2-Hexanone	8.143	43	410607	107.99	ug/L	97
49) Dibromochloromethane	8.249	129	274995	51.46	ug/L	97
50) 1,2-Dibromoethane	8.355	107	227576	48.52	ug/L	97
51) Chlorobenzene	8.886	112	592498	48.26	ug/L	99
52) Ethylbenzene	9.018	91	1004971	50.77	ug/L	99
53) m,p-Xylene	9.143	106	400996	53.16	ug/L	96
54) o-Xylene	9.548	106	388072	52.37	ug/L	100
55) Styrene	9.564	104	672727	53.75	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	304109	44.10	ug/L #	99
59) Bromoform	9.735	173	215098	51.92	ug/L	99
60) Isopropylbenzene	9.934	105	1051079	52.02	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	272668	47.85	ug/L	97
62) 1,3,5-Trimethylbenzene	10.545	105	915932	53.38	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	931698	54.45	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	524710	52.13	ug/L	97
65) 1,4-Dichlorobenzene	11.278	146	527215	50.98	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	536117	51.60	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	91402	53.51	ug/L	98
69) 1,3,5-Trichlorobenzene	12.651	180	411691	52.59	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	340151	53.01	ug/L	98
71) Naphthalene	13.509	128	1013538	56.71	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	362790	55.42	ug/L	98

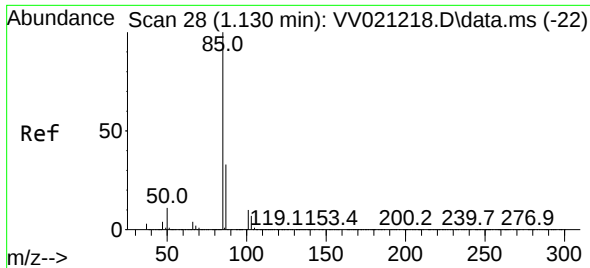
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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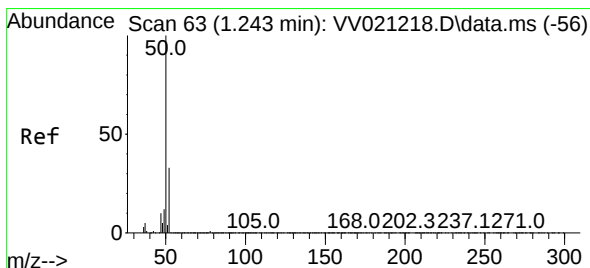
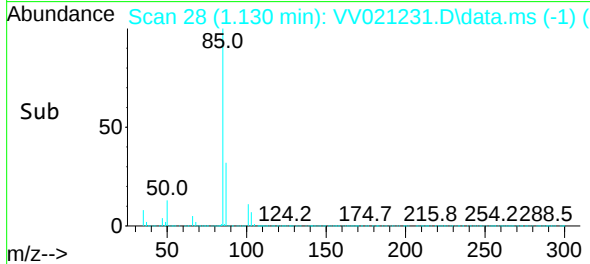
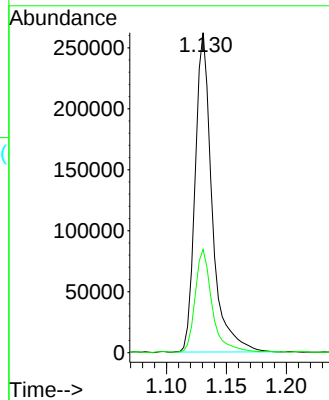
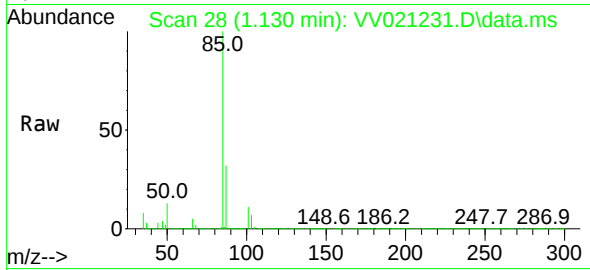




#2
 Dichlorodifluoromethane
 Concen: 42.59 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV021231.D
 Acq: 29 Apr 2021 19:26

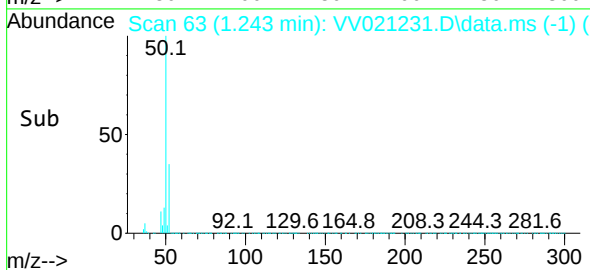
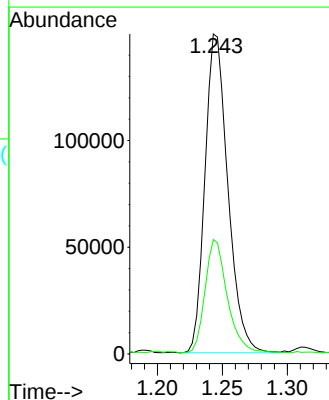
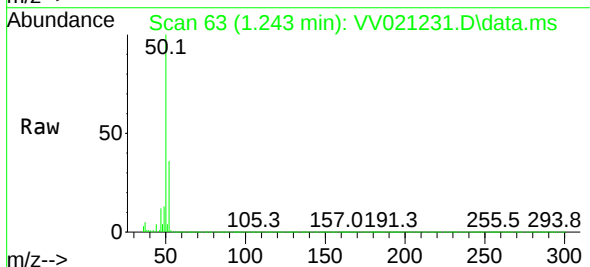
Instrument :
 MSVOA_V
 ClientSampleId :

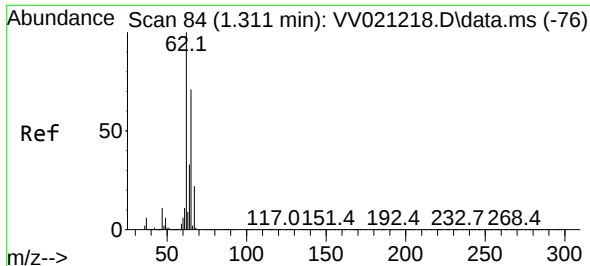
Tgt Ion: 85 Resp: 257981
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 35.18 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV021231.D
 Acq: 29 Apr 2021 19:26

Tgt Ion: 50 Resp: 183412
 Ion Ratio Lower Upper
 50 100
 52 35.7 22.7 42.1

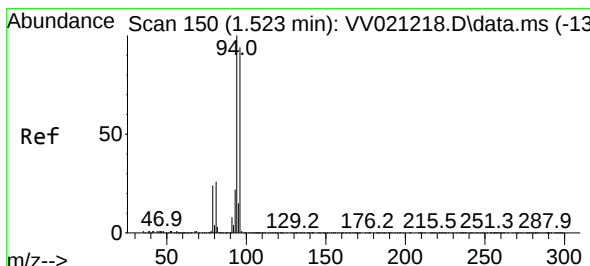
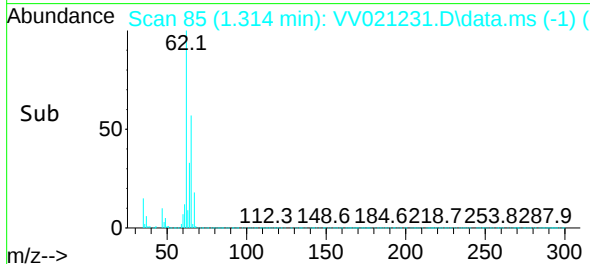
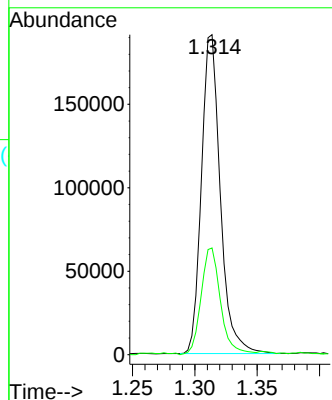
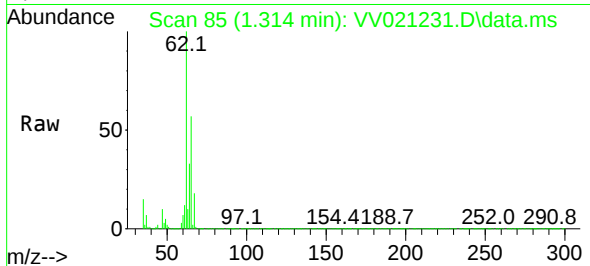




#5
 Vinyl chloride
 Concen: 37.59 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV021231.D
 Acq: 29 Apr 2021 19:26

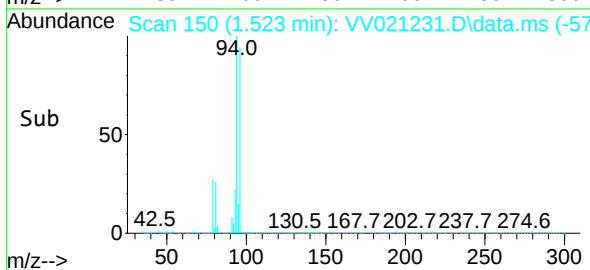
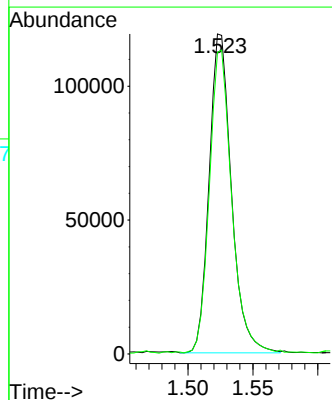
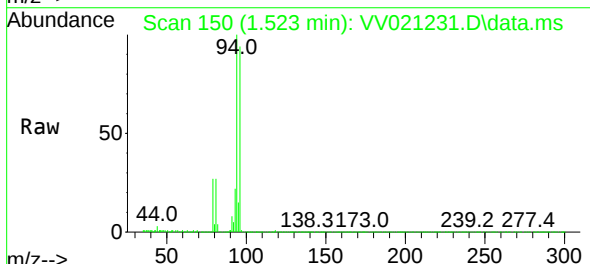
Instrument :
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 ClientSampled :

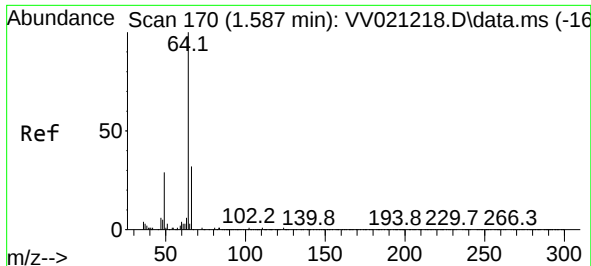
Tgt Ion: 62 Resp: 200609
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#6
 Bromomethane
 Concen: 39.53 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV021231.D
 Acq: 29 Apr 2021 19:26

Tgt Ion: 94 Resp: 142152
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.7 122.1

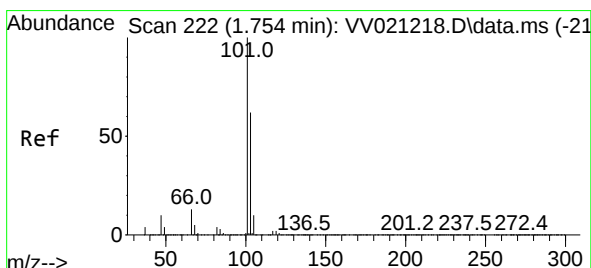
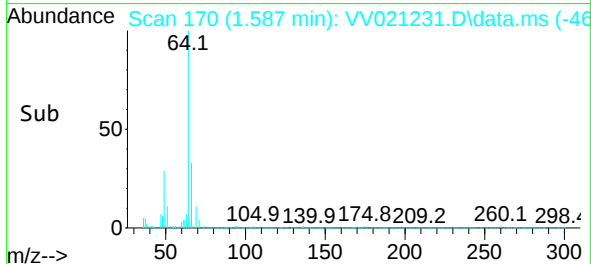
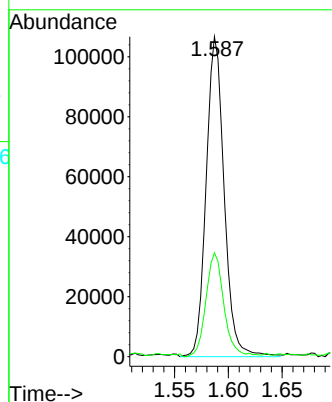
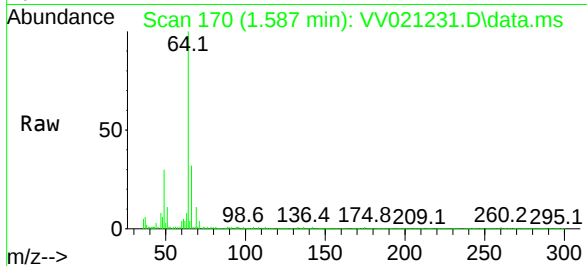




#8
Chloroethane
Concen: 39.48 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

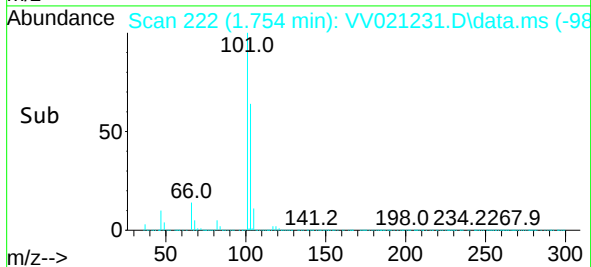
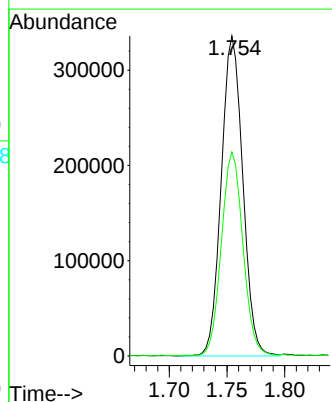
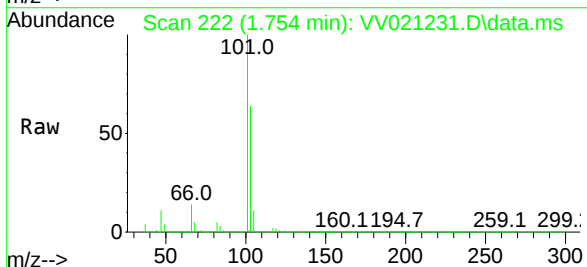
Instrument :
MSVOA_V
ClientSampleId :

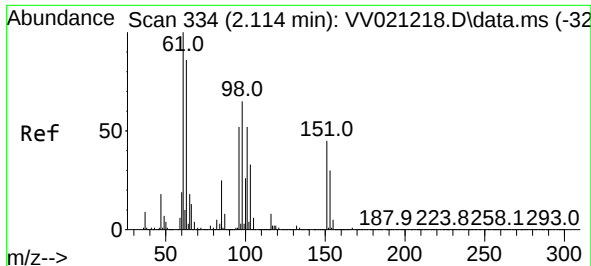
Tgt Ion: 64 Resp: 124314
Ion Ratio Lower Upper
64 100
66 32.5 23.7 43.9



#9
Trichlorofluoromethane
Concen: 45.74 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 101 Resp: 434995
Ion Ratio Lower Upper
101 100
103 63.4 53.0 79.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 40.08 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV021231.D

Acq: 29 Apr 2021 19:26

Tgt Ion: 101 Resp: 189037

Ion Ratio Lower Upper

101 100

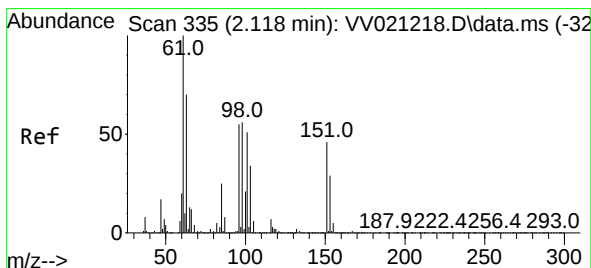
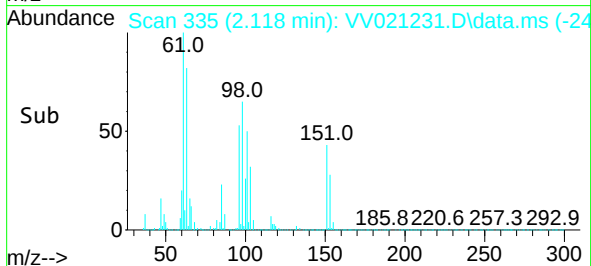
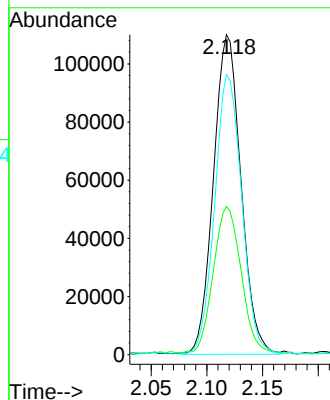
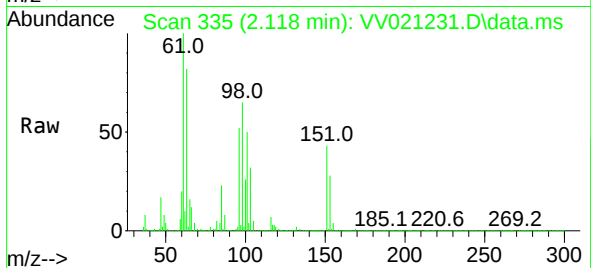
85 46.8 35.4 53.2

151 86.1 63.9 95.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 40.15 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV021231.D

Acq: 29 Apr 2021 19:26

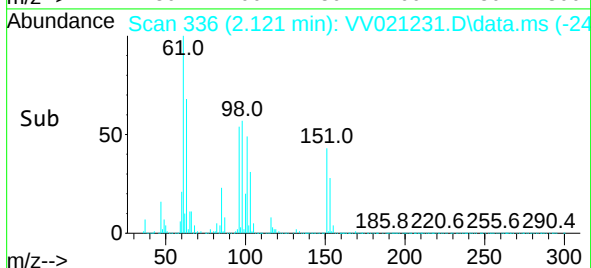
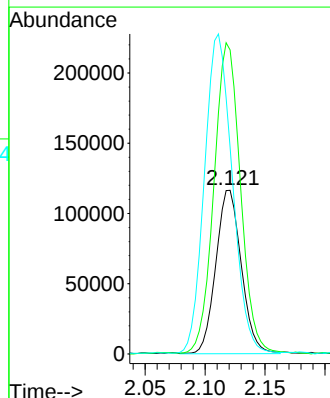
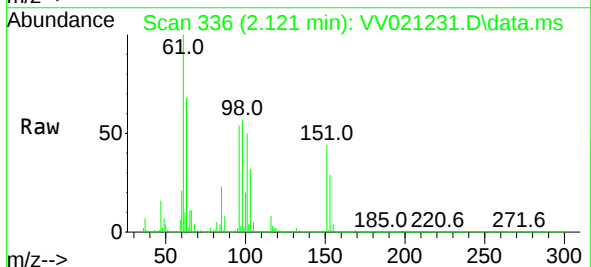
Tgt Ion: 96 Resp: 171938

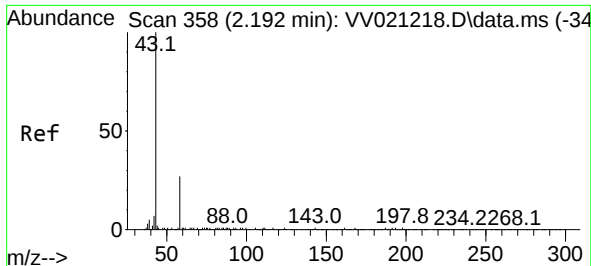
Ion Ratio Lower Upper

96 100

61 185.8 121.4 225.6

63 126.2 98.1 182.1

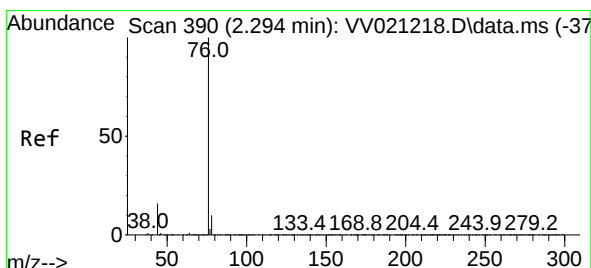
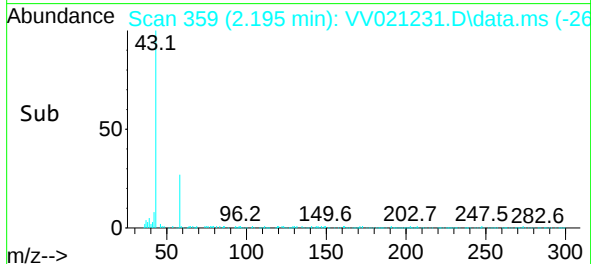
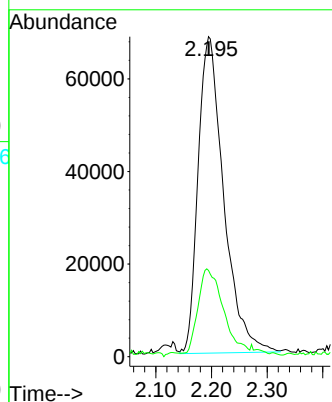
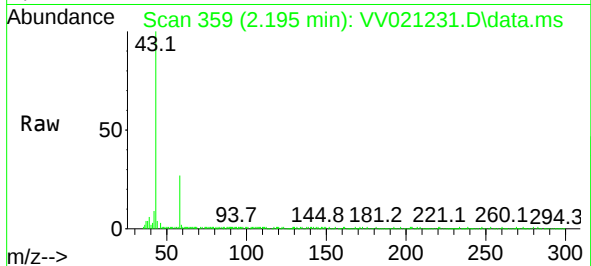




#13
Acetone
Concen: 97.19 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

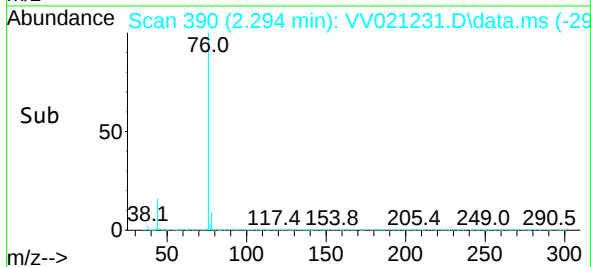
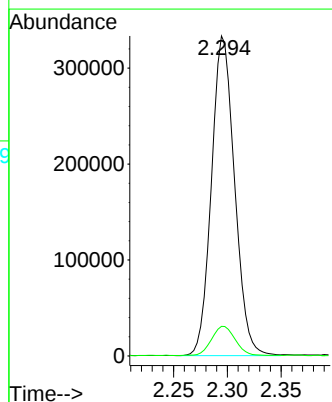
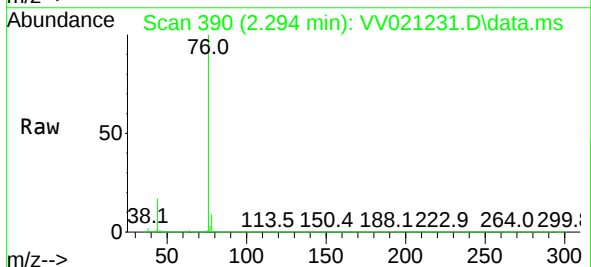
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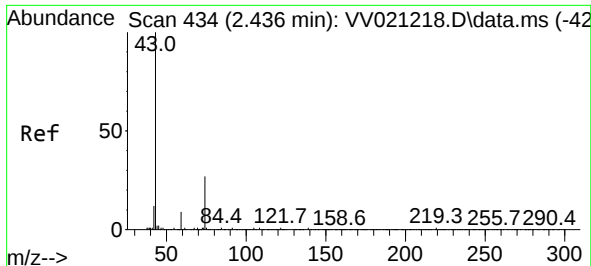
Tgt Ion: 43 Resp: 218531
Ion Ratio Lower Upper
43 100
58 26.5 0.0 30.8



#14
Carbon disulfide
Concen: 42.52 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV021231.D
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Tgt Ion: 76 Resp: 499458
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

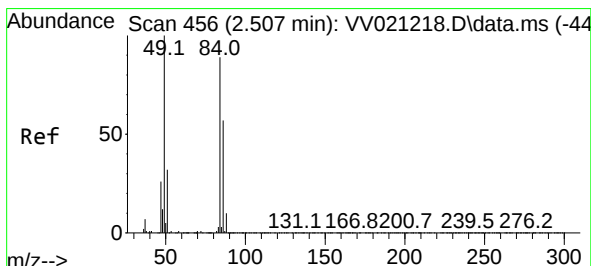
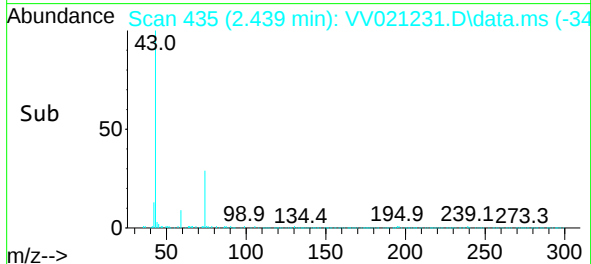
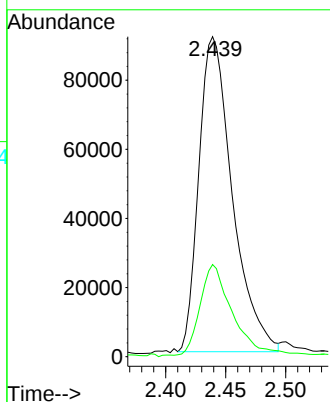
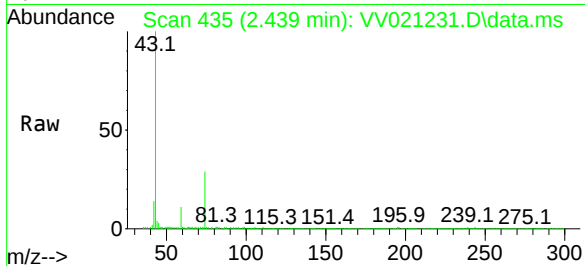




#15
Methyl Acetate
Concen: 47.74 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

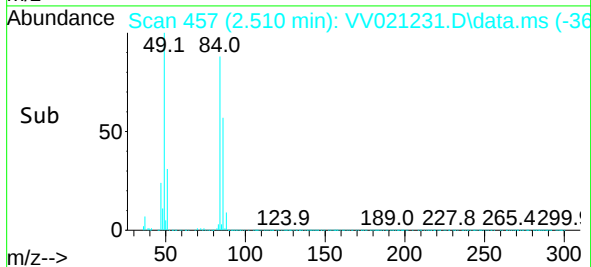
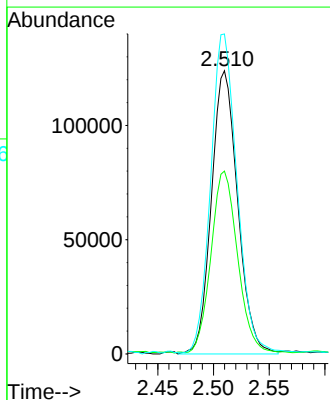
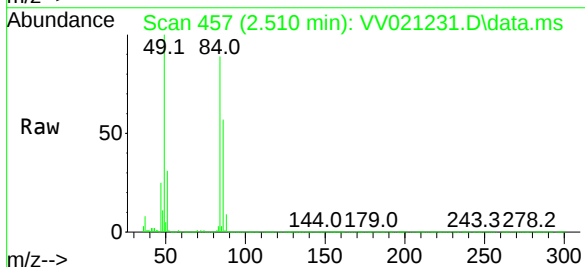
Instrument :
MSVOA_V
ClientSampled :

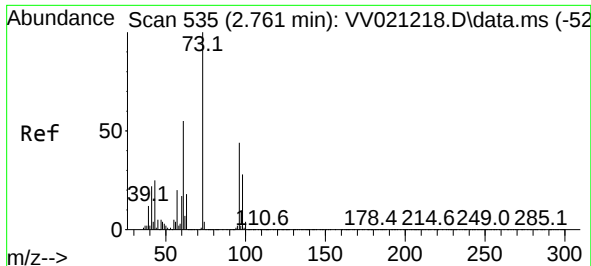
Tgt Ion: 43 Resp: 177515
Ion Ratio Lower Upper
43 100
74 27.4 21.2 31.8



#16
Methylene chloride
Concen: 45.57 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 84 Resp: 203519
Ion Ratio Lower Upper
84 100
86 64.5 44.9 83.5
49 113.0 78.1 145.1

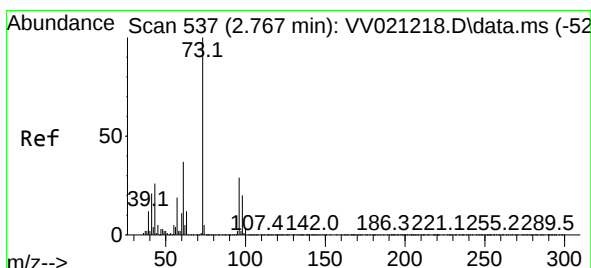
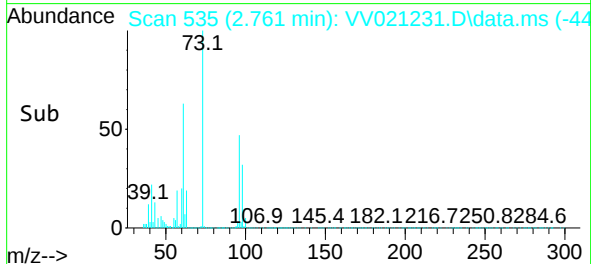
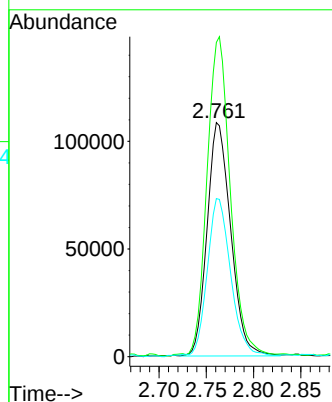
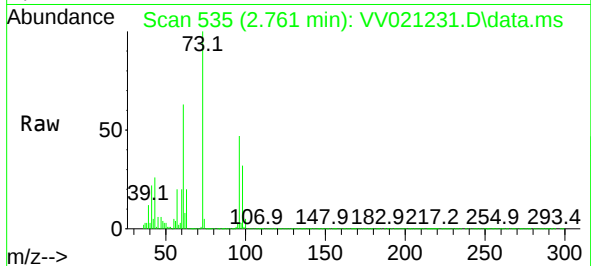




#17
trans-1,2-Dichloroethene
Concen: 45.82 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

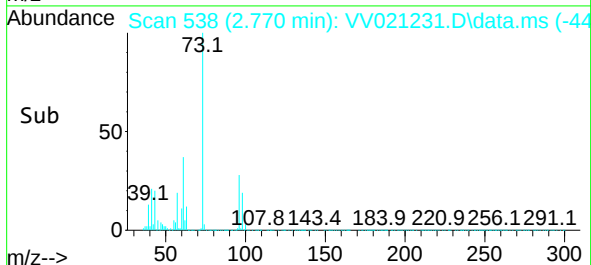
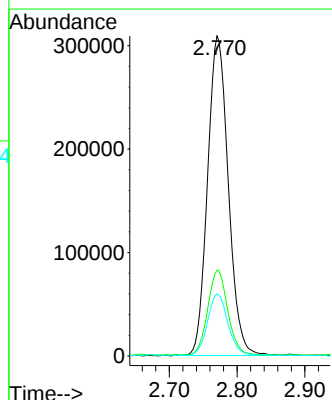
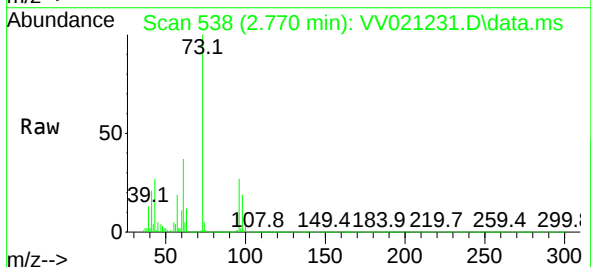
Instrument :
MSVOA_V
ClientSampleId :

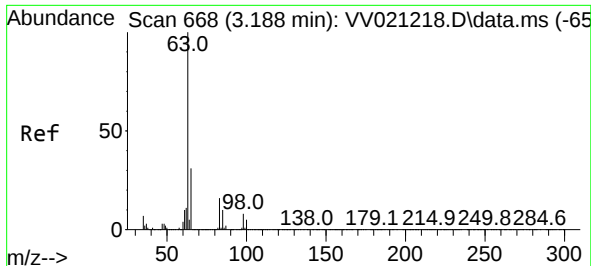
Tgt Ion: 96 Resp: 188548
Ion Ratio Lower Upper
96 100
61 134.2 89.3 165.9
98 67.5 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 52.00 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 73 Resp: 656875
Ion Ratio Lower Upper
73 100
43 25.6 14.7 22.1#
57 19.1 15.9 23.9





#19

1,1-Dichloroethane

Concen: 45.28 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV021231.D

Acq: 29 Apr 2021 19:26

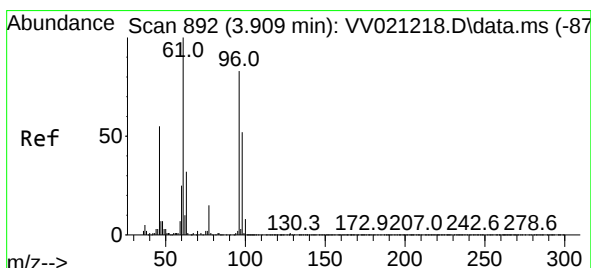
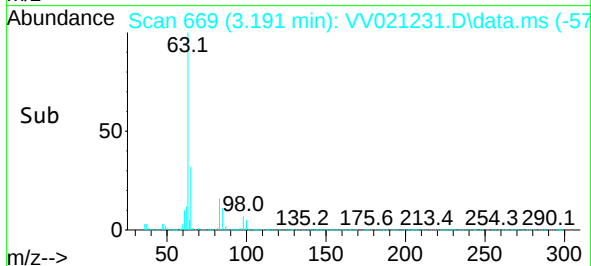
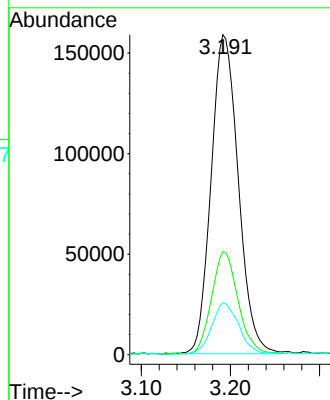
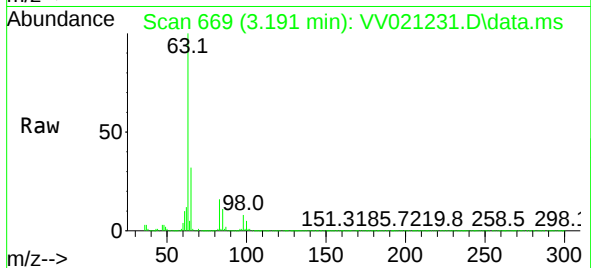
Tgt Ion: 63 Resp: 336229

Ion Ratio Lower Upper

63 100

65 32.2 21.9 40.7

83 16.2 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 49.02 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV021231.D

Acq: 29 Apr 2021 19:26

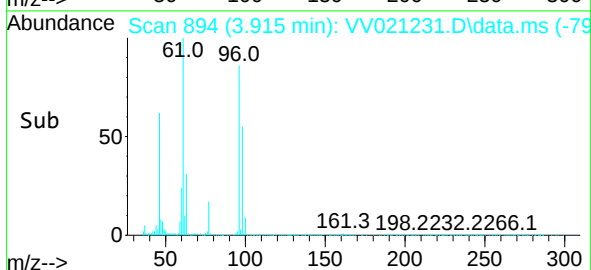
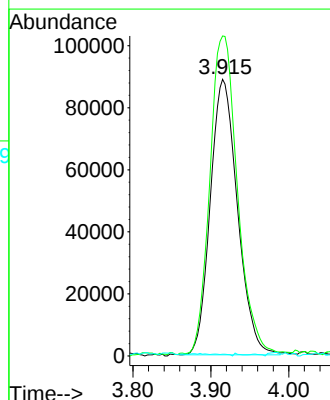
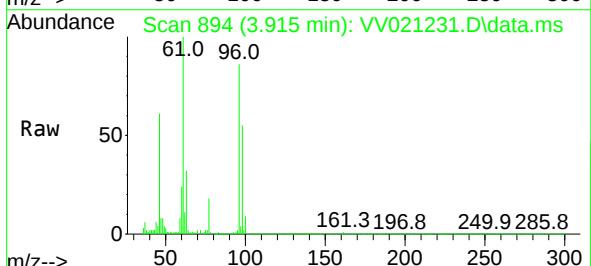
Tgt Ion: 96 Resp: 215293

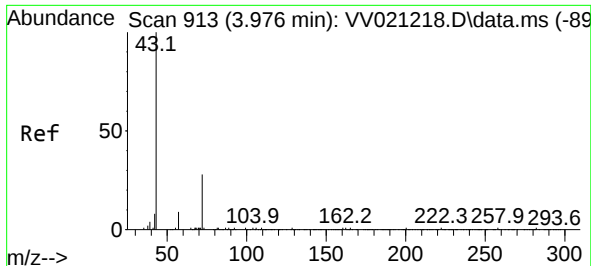
Ion Ratio Lower Upper

96 100

61 115.6 84.4 156.7

68 0.6 0.0 0.0

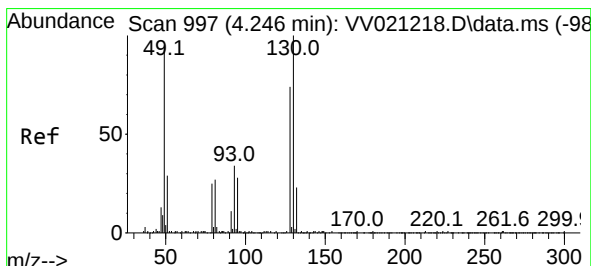
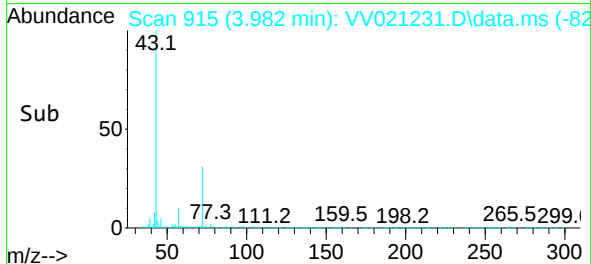
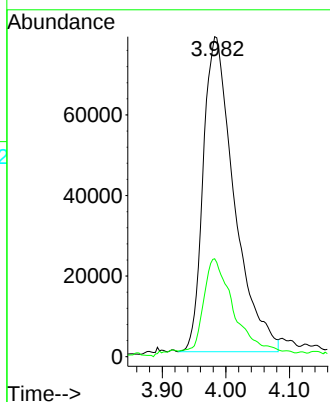
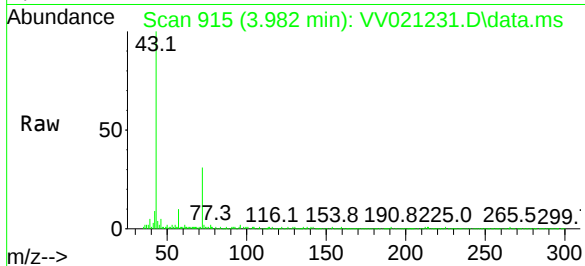




#22
2-Butanone
Concen: 101.77 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.006 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

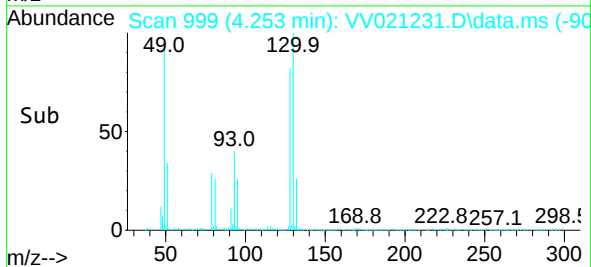
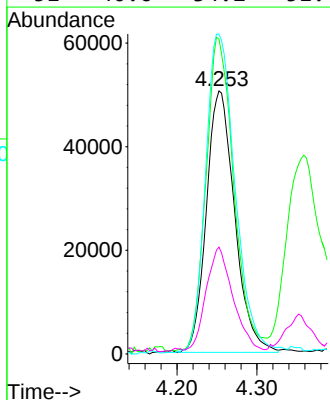
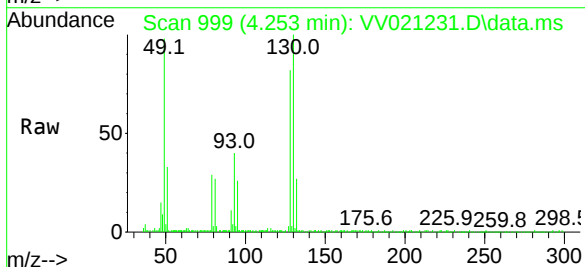
Instrument :
MSVOA_V
ClientSampled :

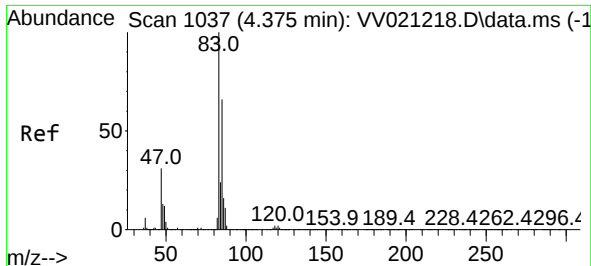
Tgt Ion: 43 Resp: 265022
Ion Ratio Lower Upper
43 100
72 24.1 13.2 39.6



#23
Bromochloromethane
Concen: 49.07 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 128 Resp: 124187
Ion Ratio Lower Upper
128 100
49 119.7 91.3 169.6
130 121.7 86.8 161.2
51 40.6 34.2 51.4

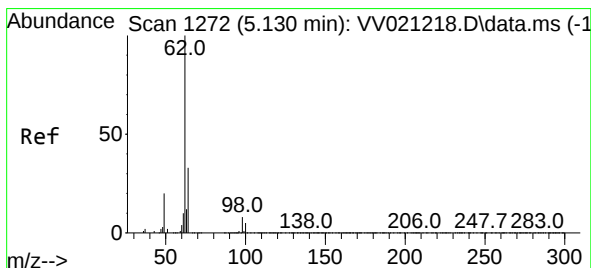
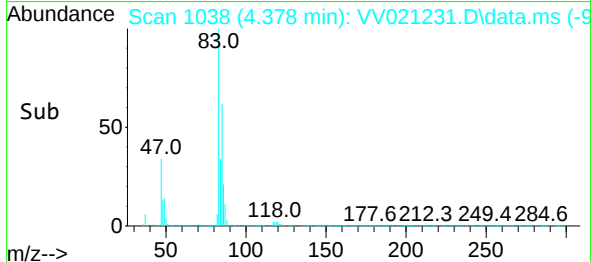
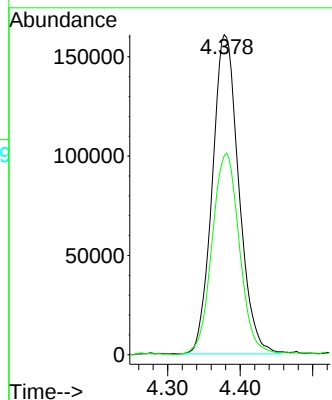
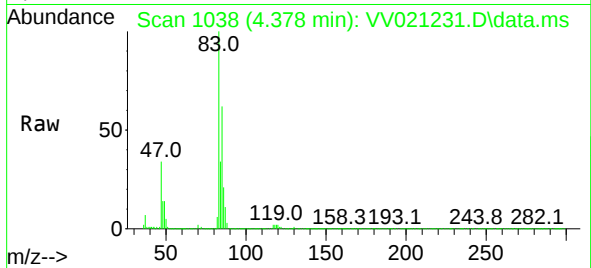




#25
Chloroform
Concen: 48.89 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

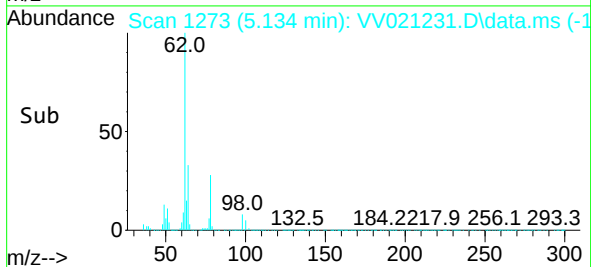
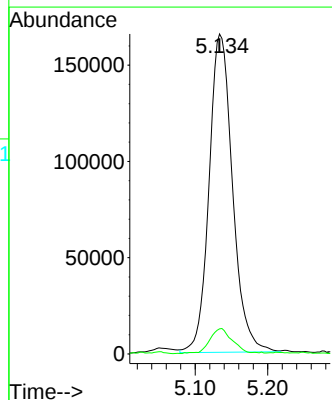
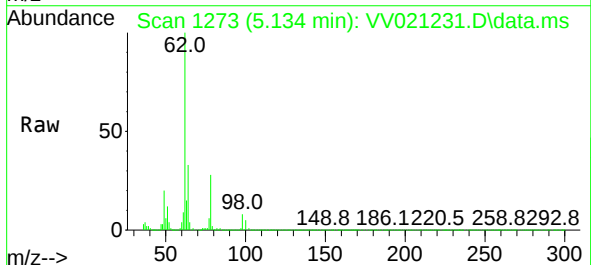
Instrument :
MSVOA_V
ClientSampled :

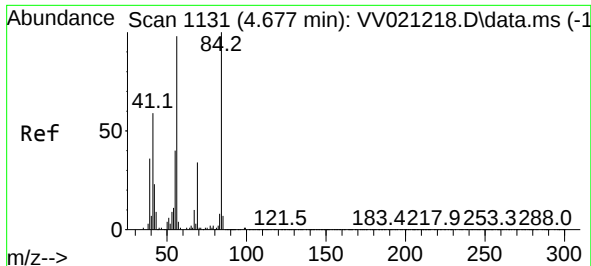
Tgt Ion: 83 Resp: 408584
Ion Ratio Lower Upper
83 100
85 62.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 55.99 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 62 Resp: 372554
Ion Ratio Lower Upper
62 100
98 7.9 6.7 10.1





#29

Cyclohexane

Concen: 45.60 ug/L

RT: 4.680 min Scan# 1132

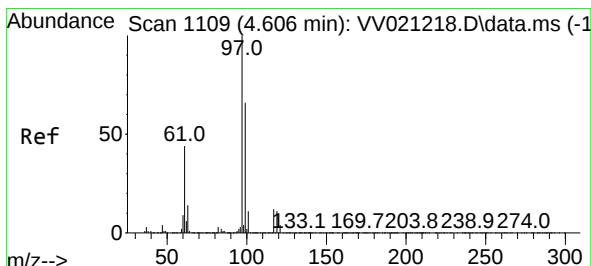
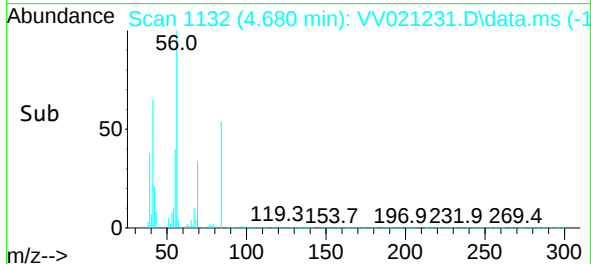
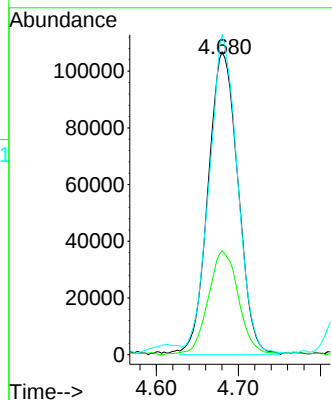
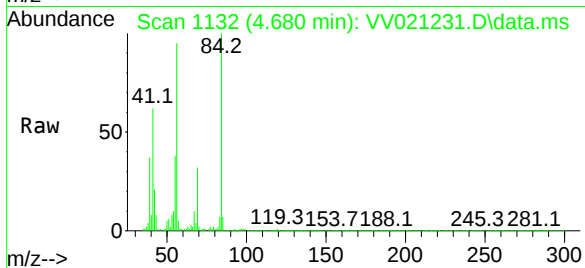
Delta R.T. 0.003 min

Lab File: VV021231.D

Acq: 29 Apr 2021 19:26

Tgt Ion: 56 Resp: 270691

Ion	Ratio	Lower	Upper
56	100		
69	33.7	25.7	38.5
84	99.4	75.7	113.5



#30

1,1,1-Trichloroethane

Concen: 52.83 ug/L

RT: 4.613 min Scan# 1111

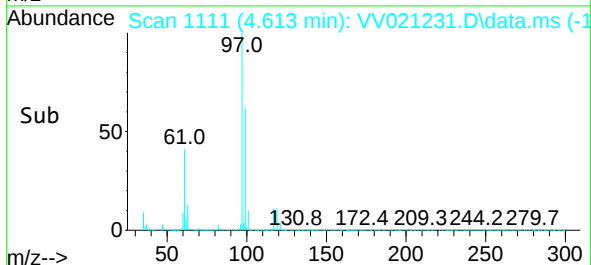
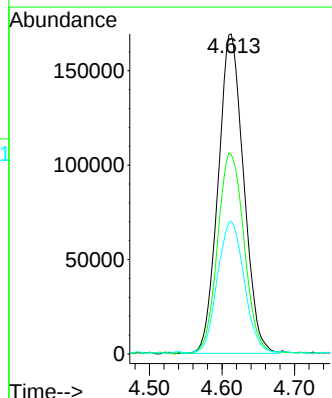
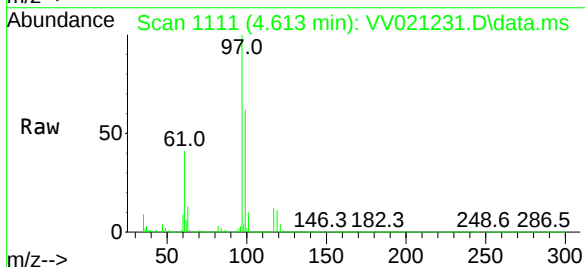
Delta R.T. 0.006 min

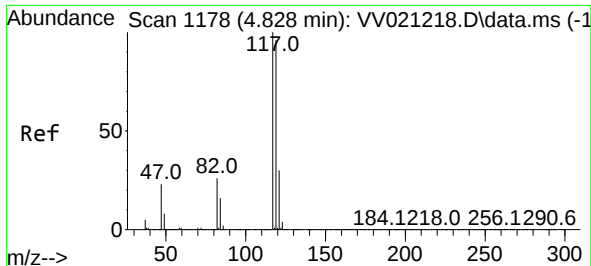
Lab File: VV021231.D

Acq: 29 Apr 2021 19:26

Tgt Ion: 97 Resp: 412890

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	43.1	32.1	48.1

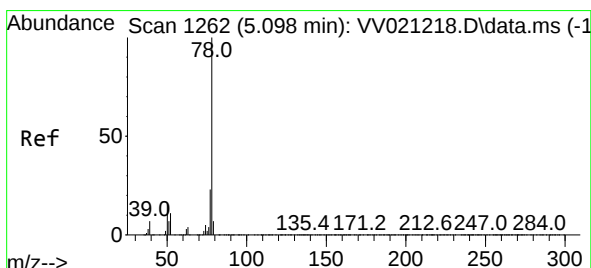
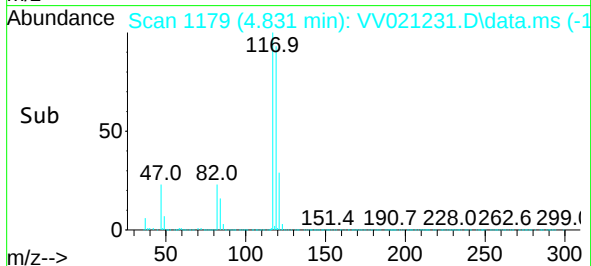
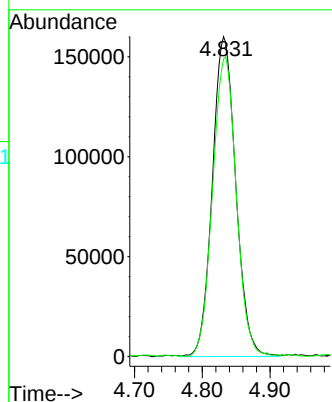
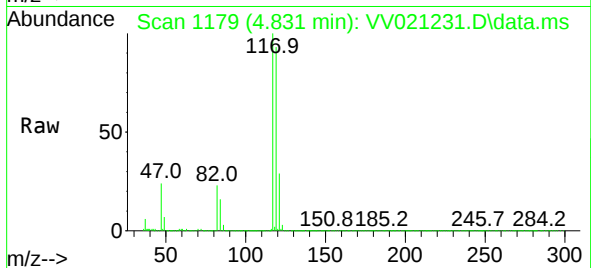




#31
Carbon tetrachloride
Concen: 53.16 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

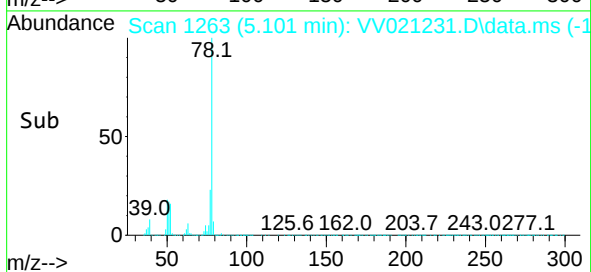
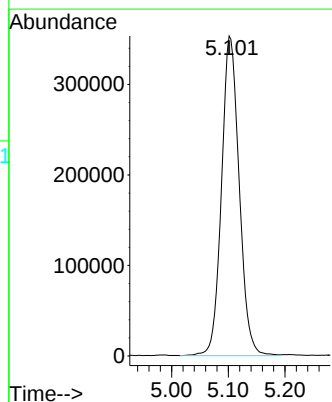
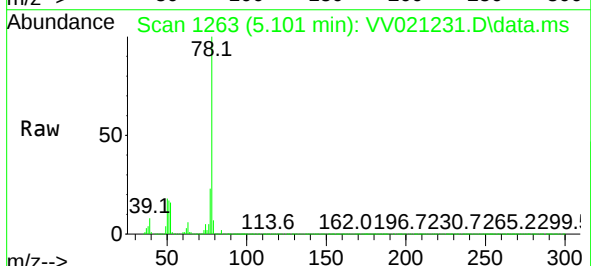
Instrument :
MSVOA_V
ClientSampleId :

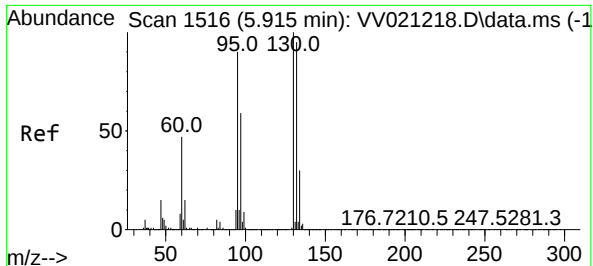
Tgt Ion:117 Resp: 383701
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.2



#33
Benzene
Concen: 46.99 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 78 Resp: 764096





#34

Trichloroethene

Concen: 49.68 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV021231.D

Acq: 29 Apr 2021 19:26

Tgt Ion: 95 Resp: 223611

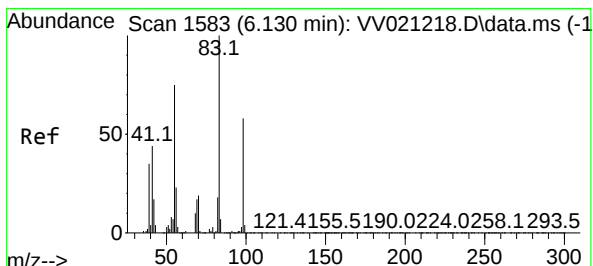
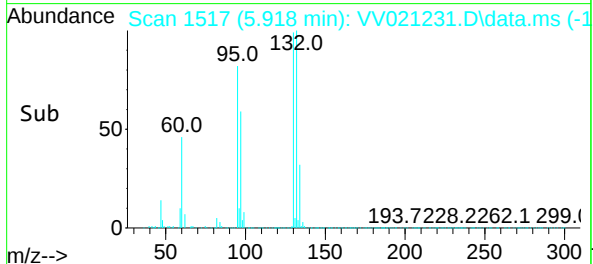
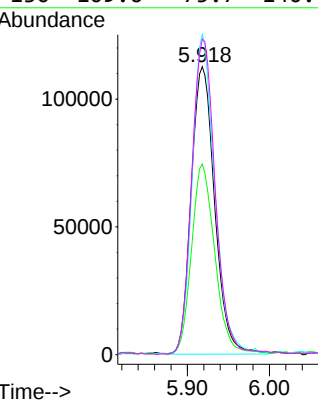
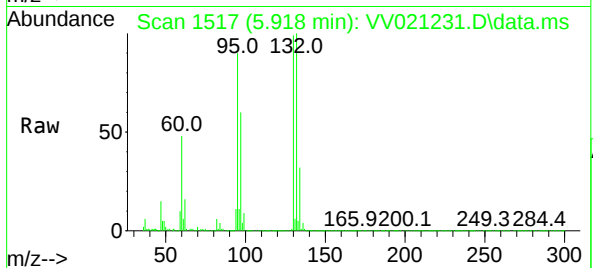
Ion Ratio Lower Upper

95 100

97 66.2 45.5 84.5

132 111.1 71.0 131.8

130 109.6 75.7 140.7



#35

Methylcyclohexane

Concen: 45.92 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.006 min

Lab File: VV021231.D

Acq: 29 Apr 2021 19:26

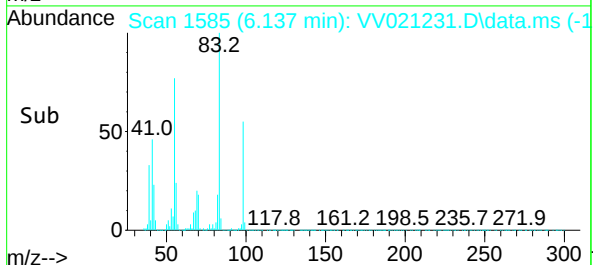
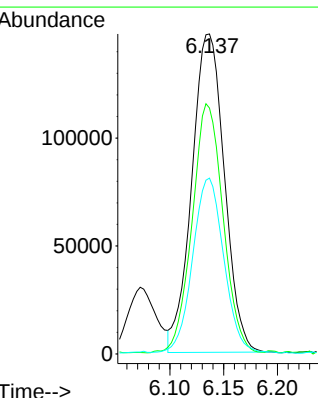
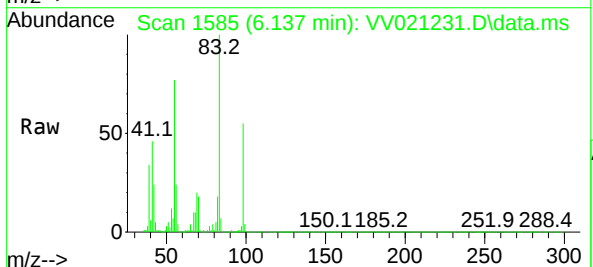
Tgt Ion: 83 Resp: 310600

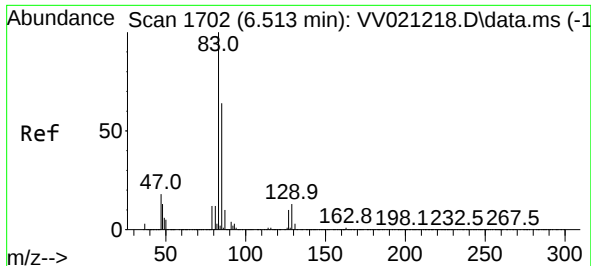
Ion Ratio Lower Upper

83 100

55 73.7 58.2 87.2

98 52.6 40.6 60.8

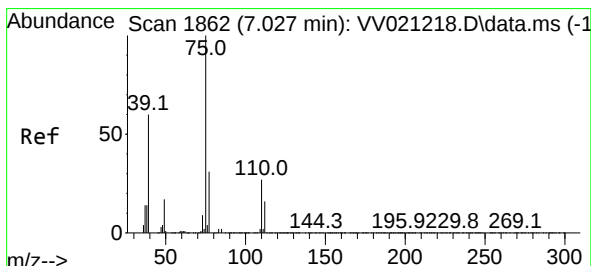
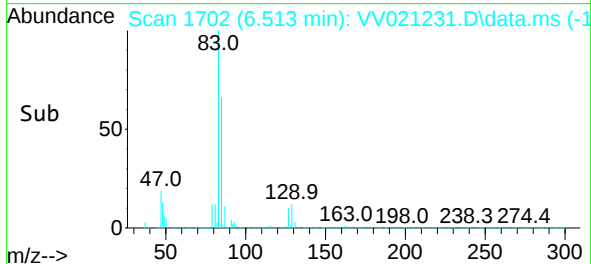
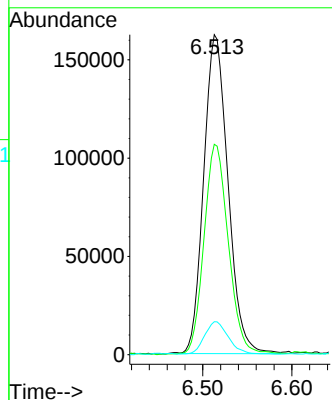
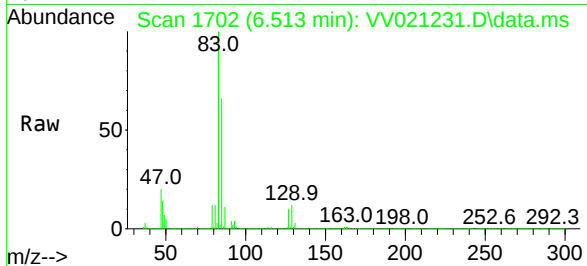




#38
Bromodichloromethane
Concen: 49.33 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

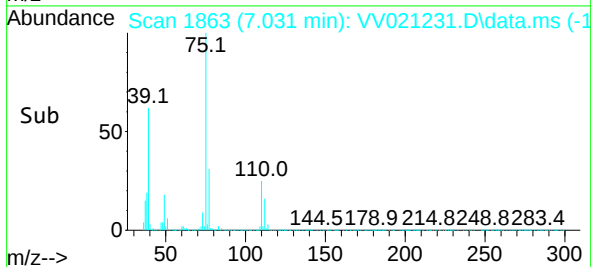
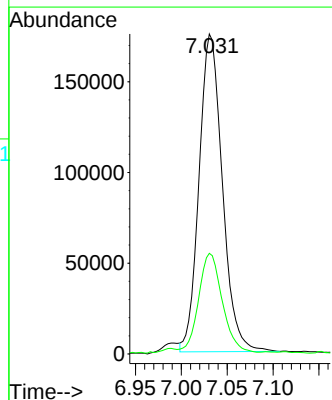
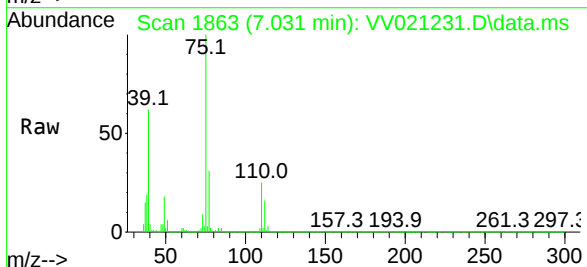
Instrument :
MSVOA_V
ClientSampleId :

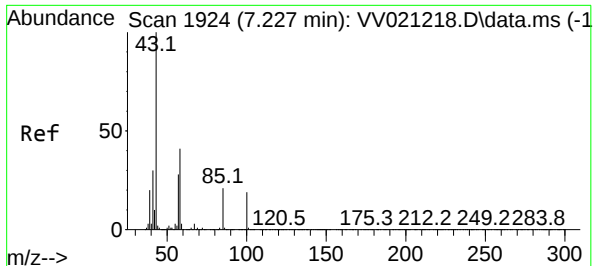
Tgt Ion: 83 Resp: 307060
Ion Ratio Lower Upper
83 100
85 65.8 46.2 85.8
127 10.3 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 47.55 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 75 Resp: 309782
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.6

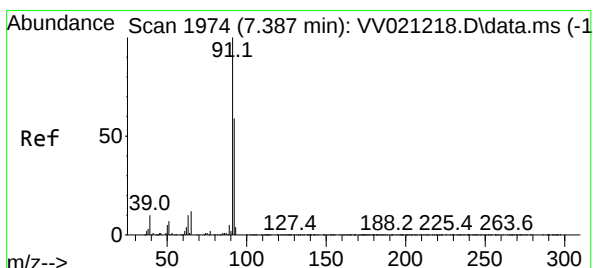
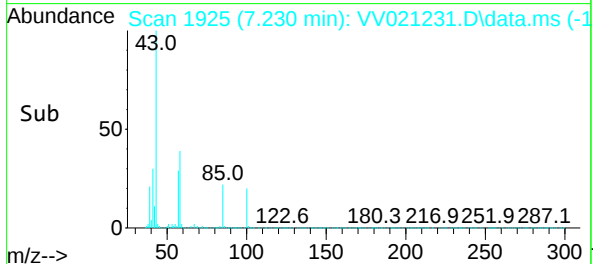
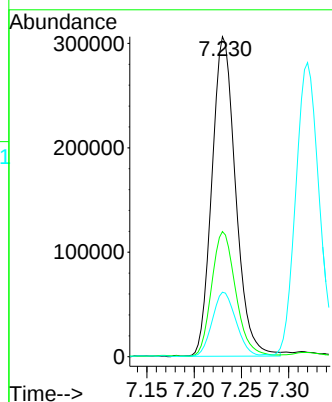
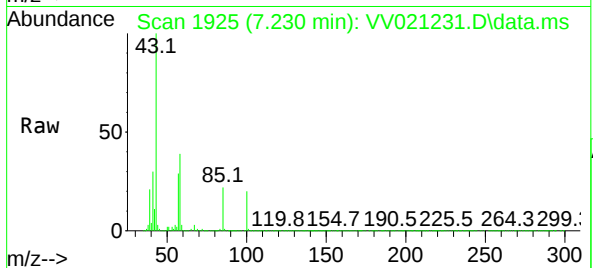




#40
4-Methyl-2-pentanone
Concen: 110.54 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

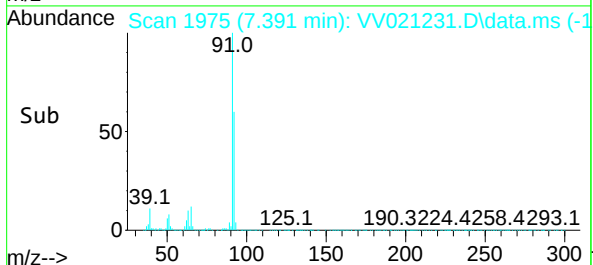
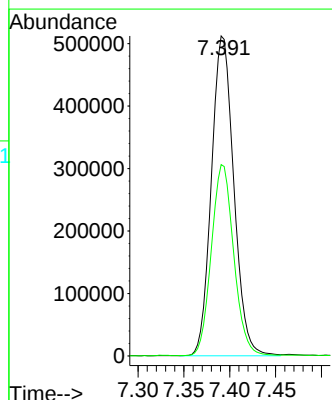
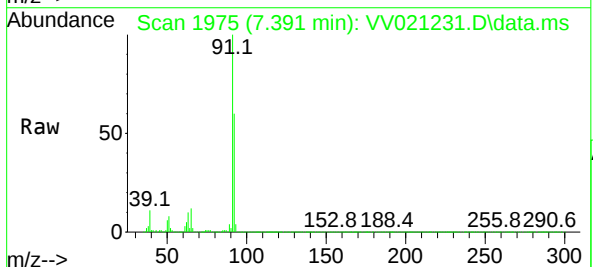
Instrument :
MSVOA_V
ClientSampleId :

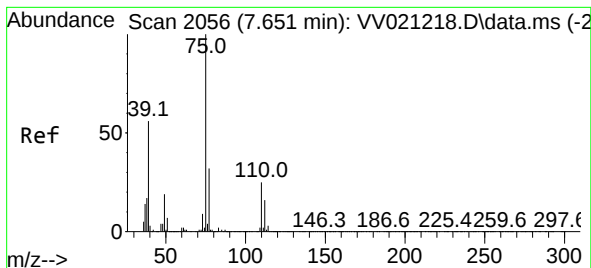
Tgt Ion: 43 Resp: 533745
Ion Ratio Lower Upper
43 100
58 39.8 34.5 51.7
100 20.2 15.2 22.8



#42
Toluene
Concen: 48.72 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 91 Resp: 869785
Ion Ratio Lower Upper
91 100
92 59.8 41.0 76.2



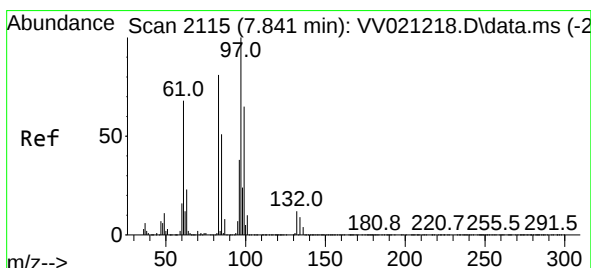
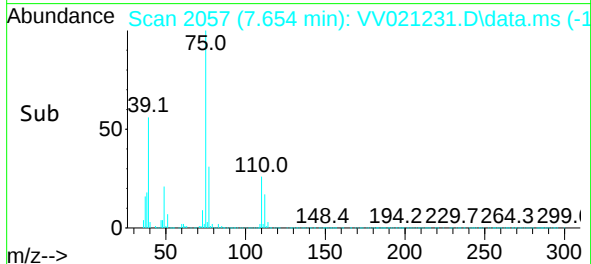
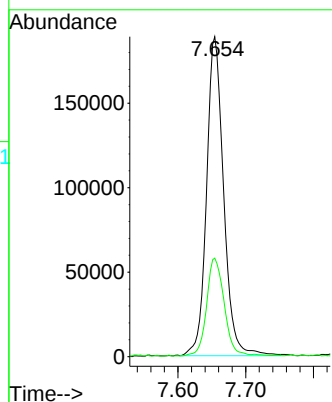
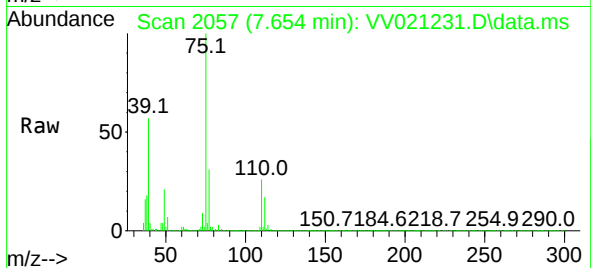


#44

trans-1,3-Dichloropropene
Concen: 49.15 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Instrument :
MSVOA_V
ClientSampled :

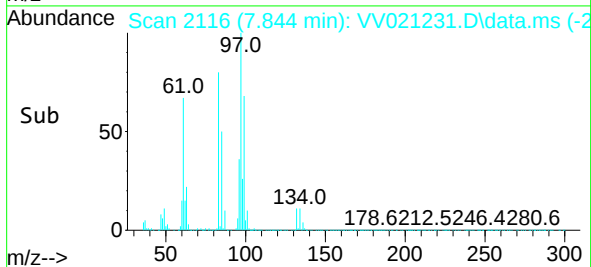
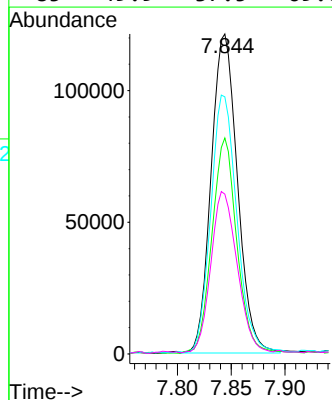
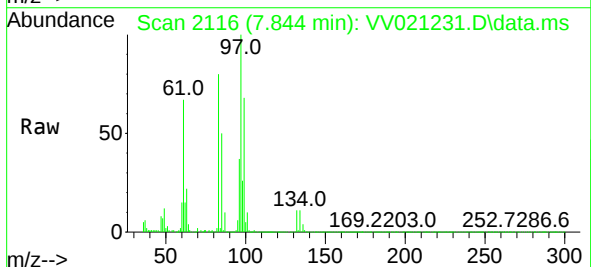
Tgt Ion: 75 Resp: 331348
Ion Ratio Lower Upper
75 100
77 30.8 21.8 40.6

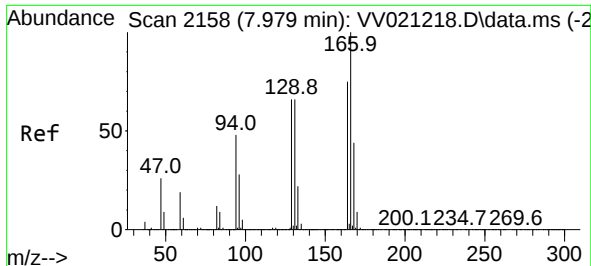


#45

1,1,2-Trichloroethane
Concen: 47.57 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 97 Resp: 206386
Ion Ratio Lower Upper
97 100
99 67.5 43.7 81.1
83 80.3 59.6 110.6
85 49.9 37.5 69.6



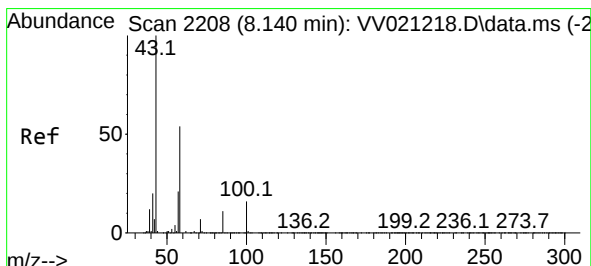
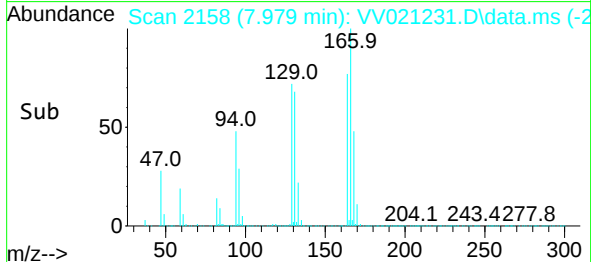
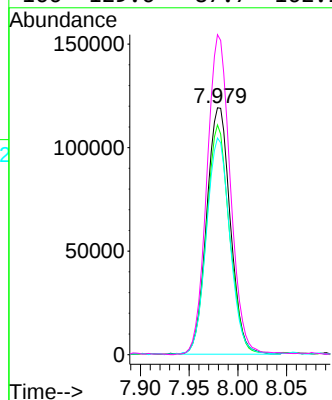
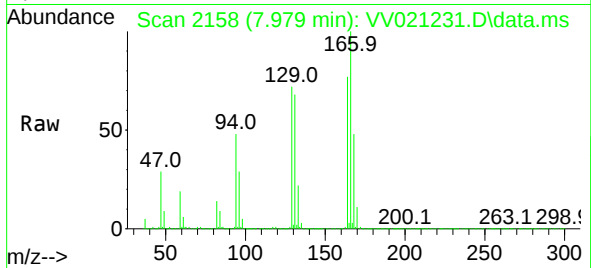


#46
Tetrachloroethene
Concen: 50.00 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 201289

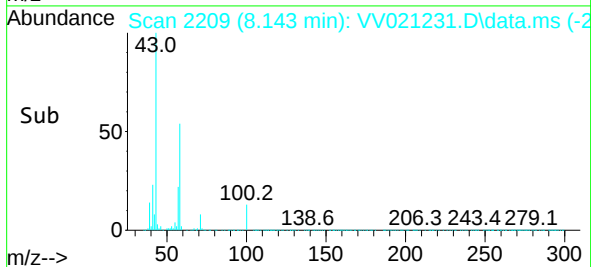
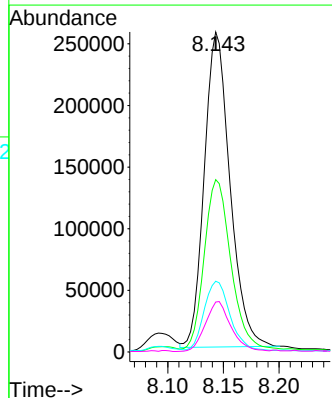
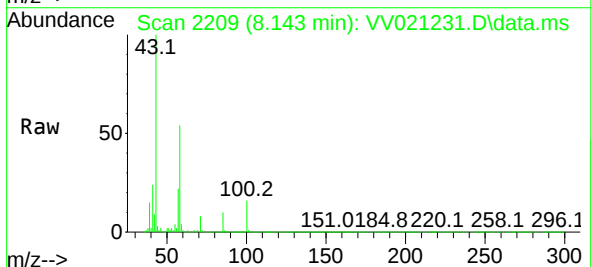
Ion	Ratio	Lower	Upper
164	100		
129	93.1	63.8	118.4
131	87.8	59.3	110.1
166	129.6	87.7	162.9

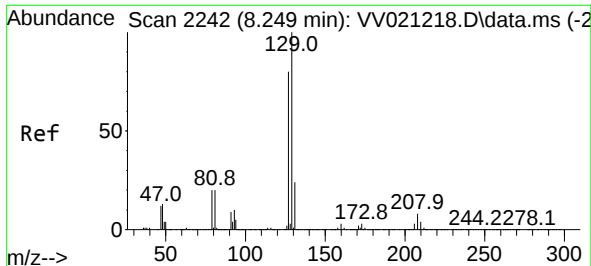


#48
2-Hexanone
Concen: 107.99 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 43 Resp: 410607

Ion	Ratio	Lower	Upper
43	100		
58	55.7	46.8	70.2
57	21.9	17.6	26.4
100	15.8	12.0	18.0

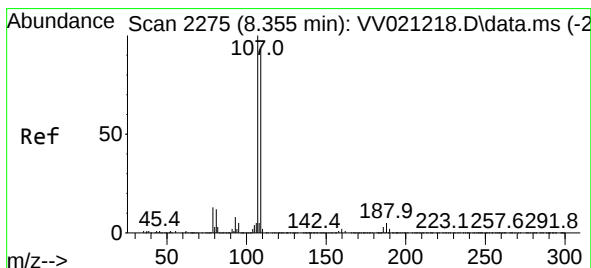
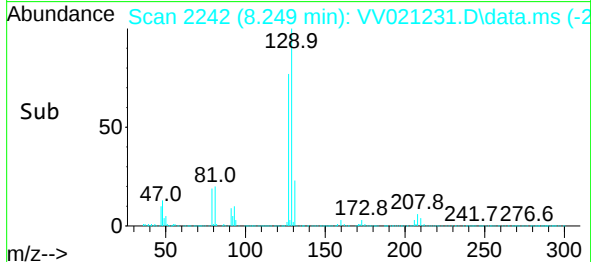
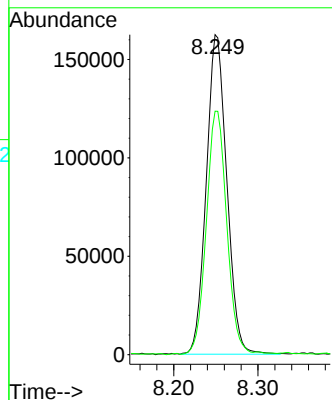
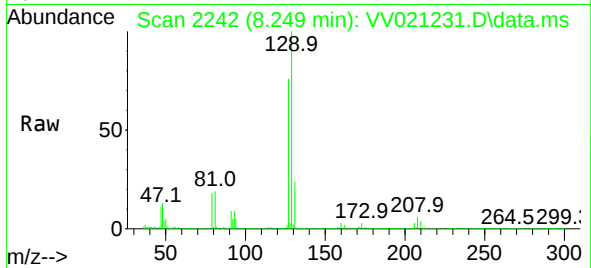




#49
Dibromochloromethane
Concen: 51.46 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

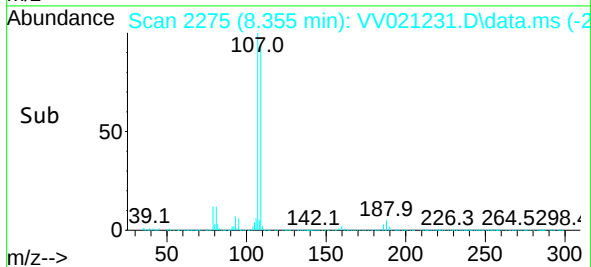
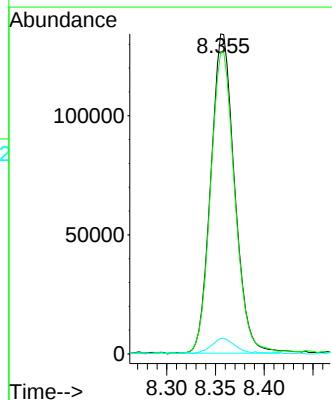
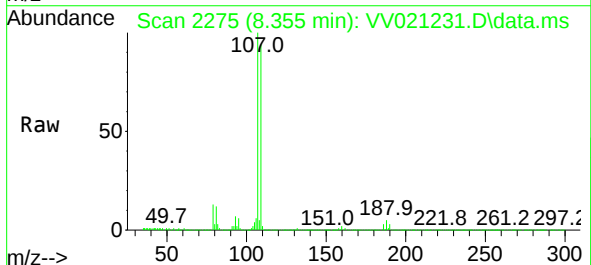
Instrument :
MSVOA_V
ClientSampled :

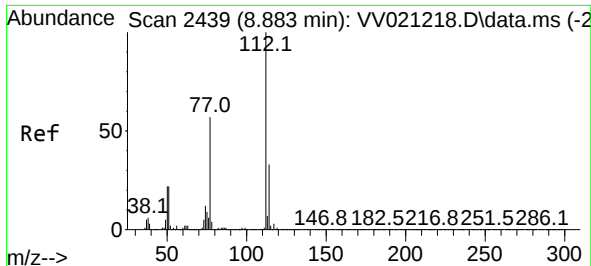
Tgt Ion:129 Resp: 274995
Ion Ratio Lower Upper
129 100
127 76.1 55.2 102.6



#50
1,2-Dibromoethane
Concen: 48.52 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion:107 Resp: 227576
Ion Ratio Lower Upper
107 100
109 94.2 63.8 118.6
188 4.9 3.4 5.0

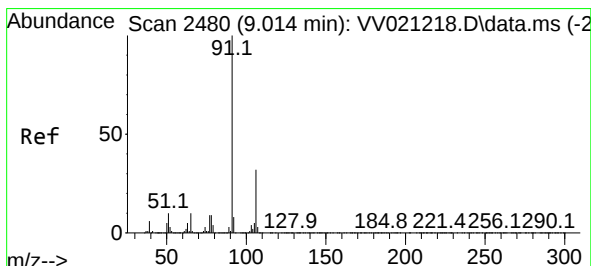
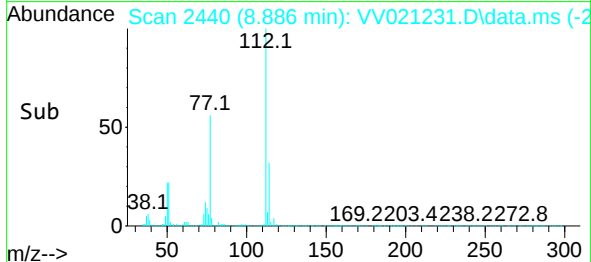
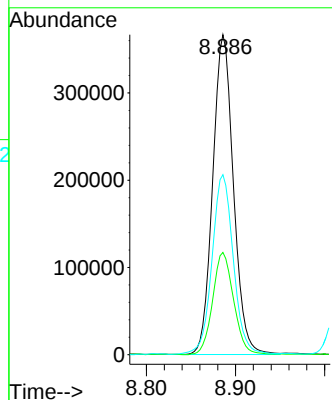
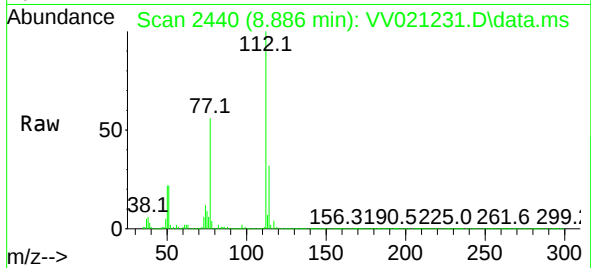




#51
Chlorobenzene
Concen: 48.26 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

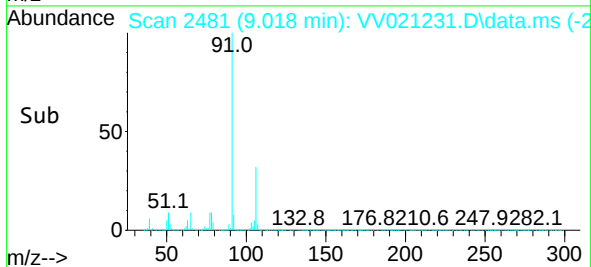
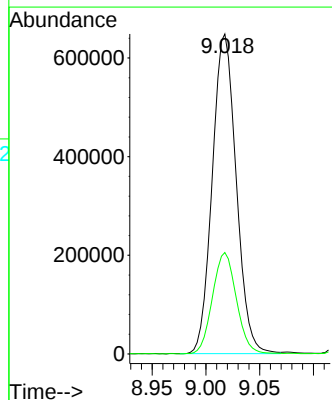
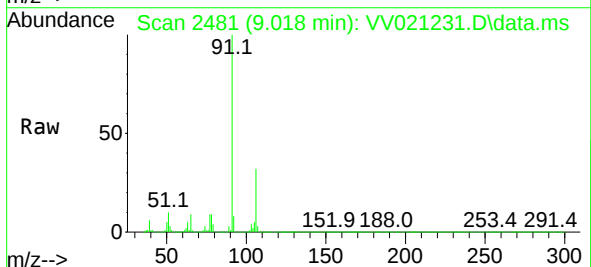
Instrument :
MSVOA_V
ClientSampleId :

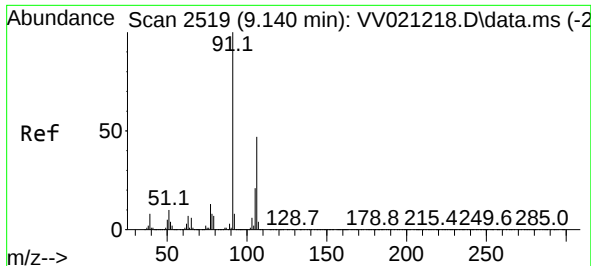
Tgt Ion:112 Resp: 592498
Ion Ratio Lower Upper
112 100
114 31.9 22.8 42.4
77 56.2 44.2 66.2



#52
Ethylbenzene
Concen: 50.77 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 91 Resp: 1004971
Ion Ratio Lower Upper
91 100
106 31.7 21.8 40.4

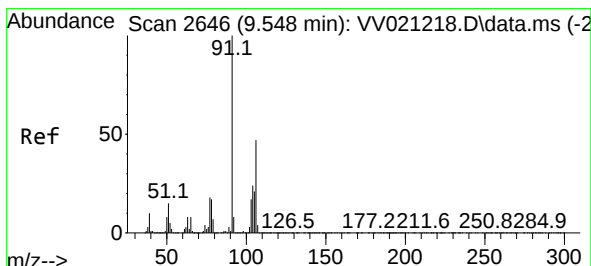
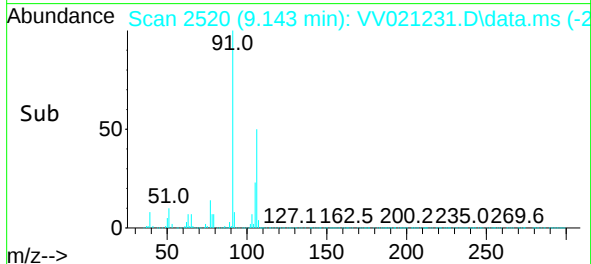
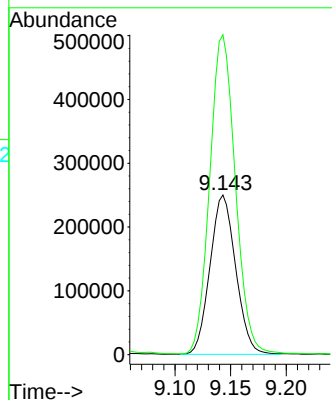
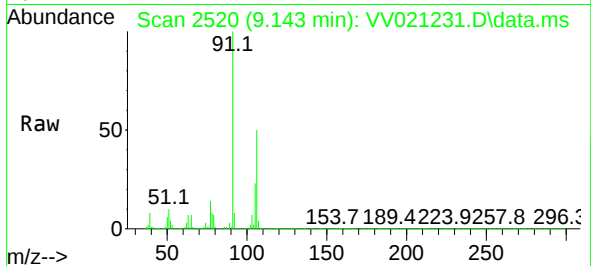




#53
m,p-Xylene
Concen: 53.16 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

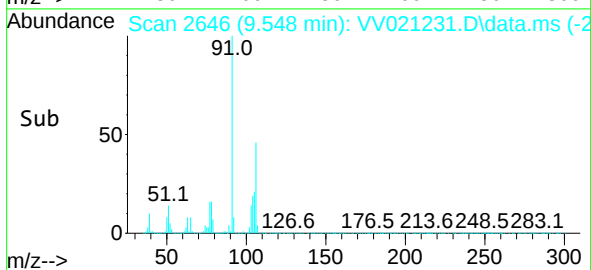
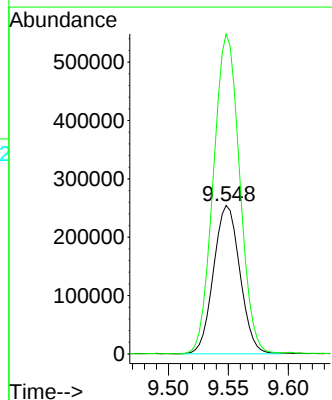
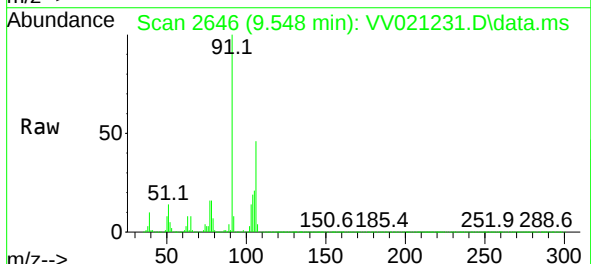
Instrument :
MSVOA_V
ClientSampled :

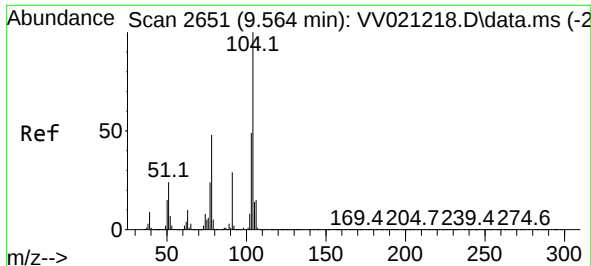
Tgt Ion:106 Resp: 400996
Ion Ratio Lower Upper
106 100
91 200.4 144.3 267.9



#54
o-Xylene
Concen: 52.37 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion:106 Resp: 388072
Ion Ratio Lower Upper
106 100
91 215.6 150.4 279.4

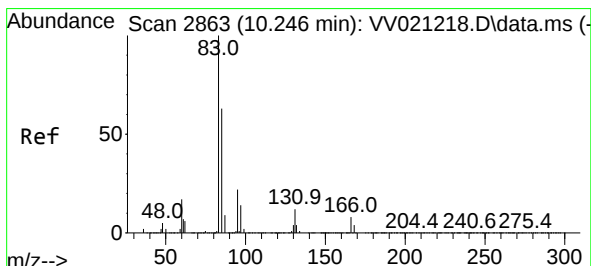
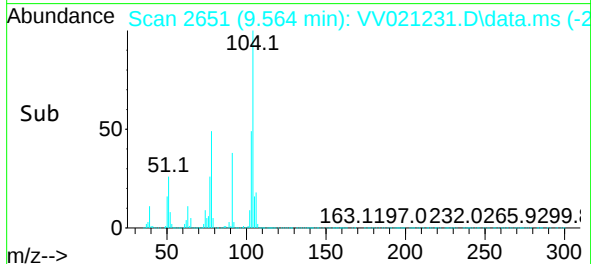
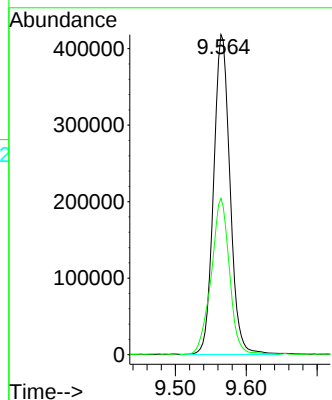
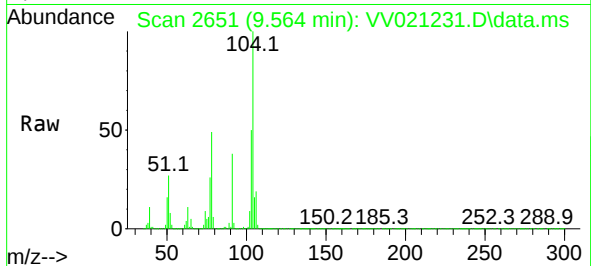




#55
Styrene
Concen: 53.75 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

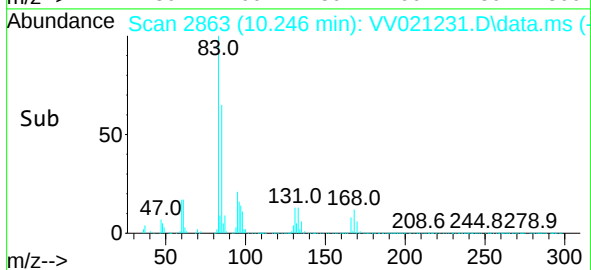
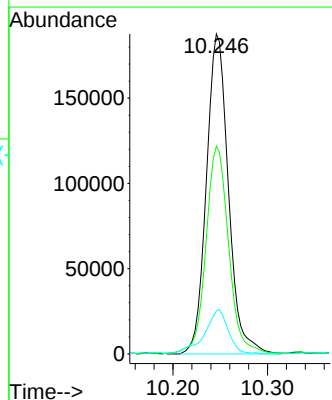
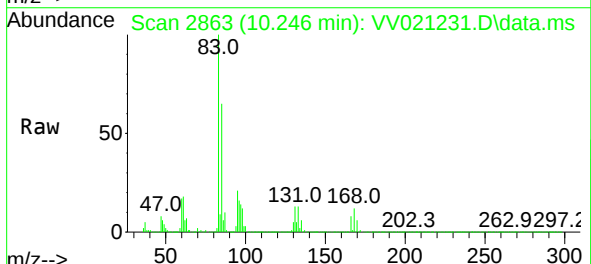
Instrument :
MSVOA_V
ClientSampled :

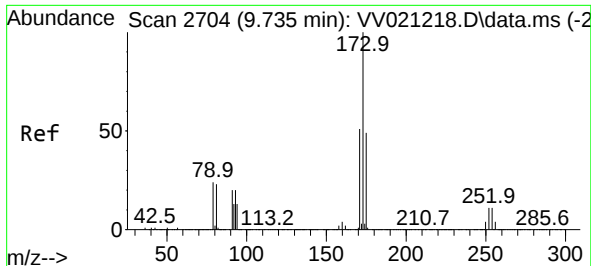
Tgt Ion:104 Resp: 672727
Ion Ratio Lower Upper
104 100
78 48.8 32.4 60.2



#57
1,1,2,2-Tetrachloroethane
Concen: 44.10 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 83 Resp: 304109
Ion Ratio Lower Upper
83 100
85 64.9 45.8 85.0
131 13.5 8.8 13.2#





#59

Bromoform

Concen: 51.92 ug/L

RT: 9.735 min Scan# 2704

Delta R.T. -0.000 min

Lab File: VV021231.D

Acq: 29 Apr 2021 19:26

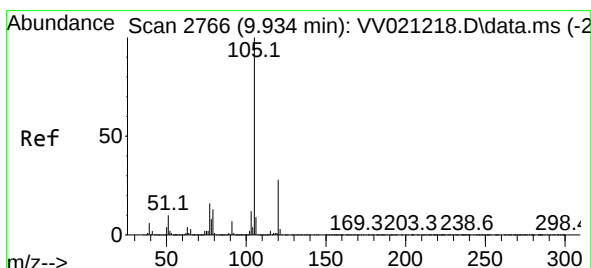
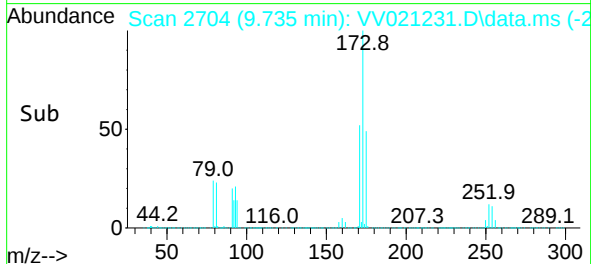
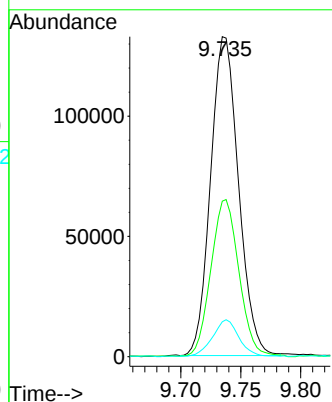
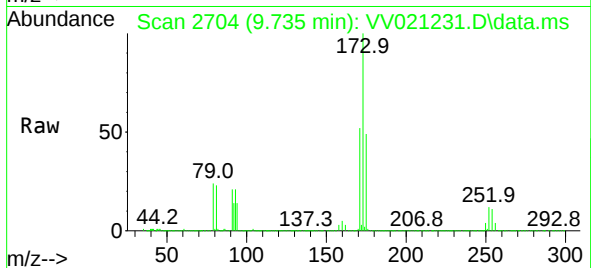
Tgt Ion:173 Resp: 215098

Ion Ratio Lower Upper

173 100

175 49.5 38.9 58.3

254 10.6 8.3 12.5



#60

Isopropylbenzene

Concen: 52.02 ug/L

RT: 9.934 min Scan# 2766

Delta R.T. -0.000 min

Lab File: VV021231.D

Acq: 29 Apr 2021 19:26

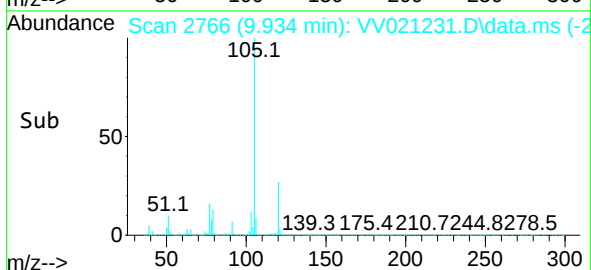
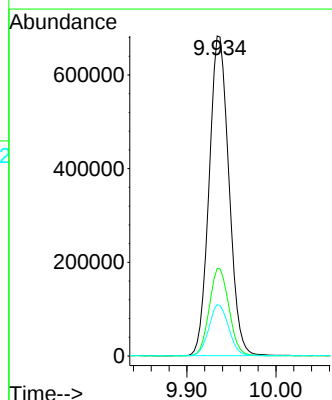
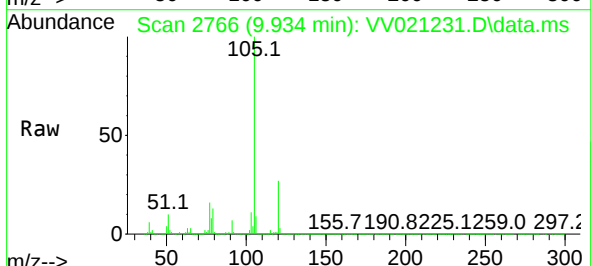
Tgt Ion:105 Resp: 1051079

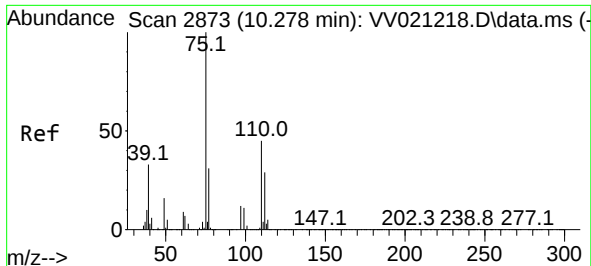
Ion Ratio Lower Upper

105 100

120 27.3 21.8 32.6

77 15.9 12.9 19.3

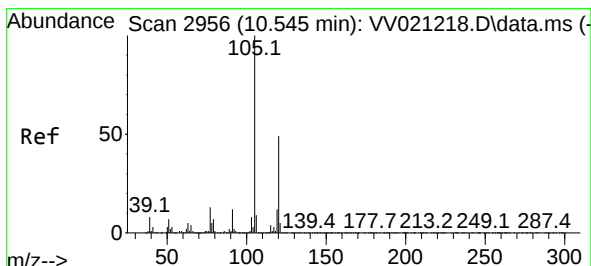
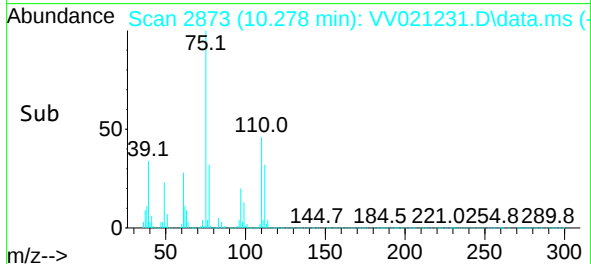
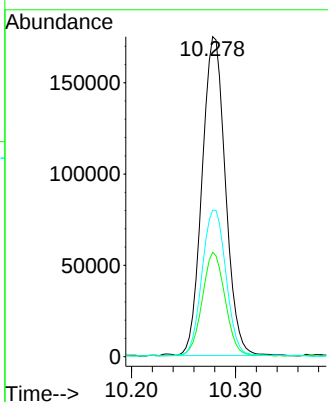
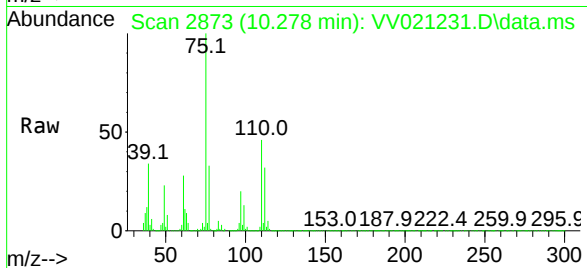




#61
1,2,3-Trichloropropane
Concen: 47.85 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

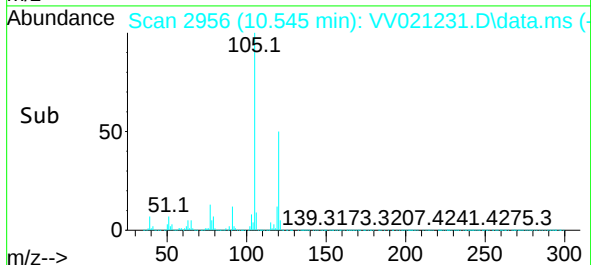
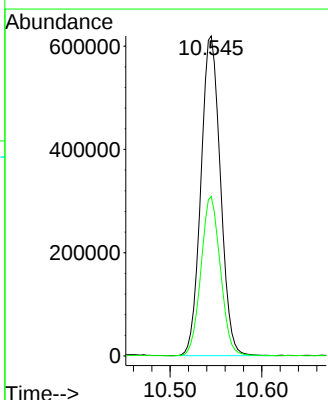
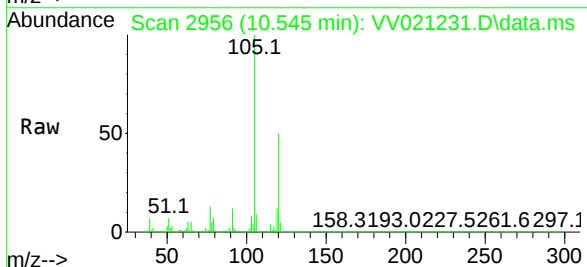
Instrument :
MSVOA_V
ClientSampleId :

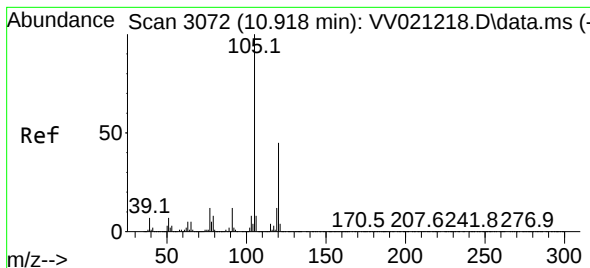
Tgt Ion: 75 Resp: 272668
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
110 46.7 34.9 52.3



#62
1,3,5-Trimethylbenzene
Concen: 53.38 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion: 105 Resp: 915932
Ion Ratio Lower Upper
105 100
120 49.8 38.9 58.3

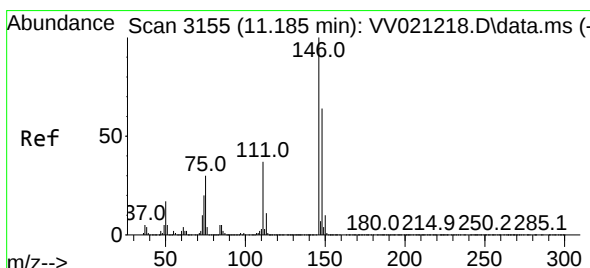
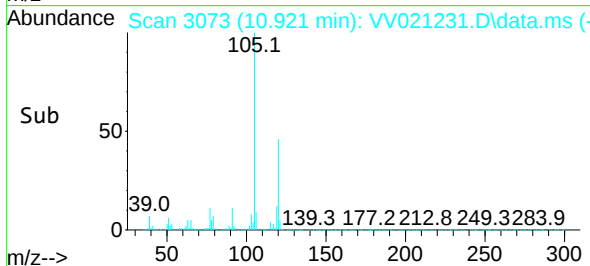
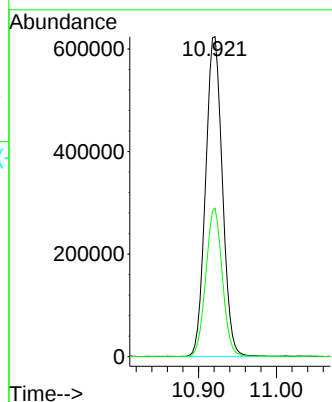
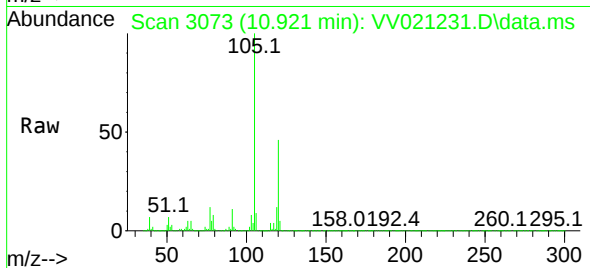




#63
1,2,4-Trimethylbenzene
Concen: 54.45 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

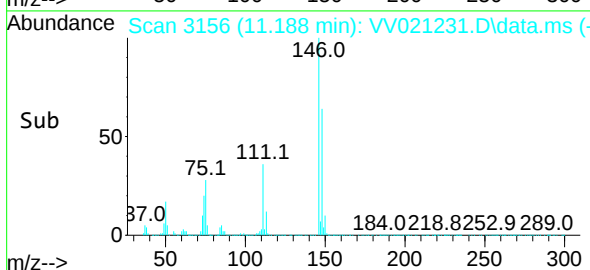
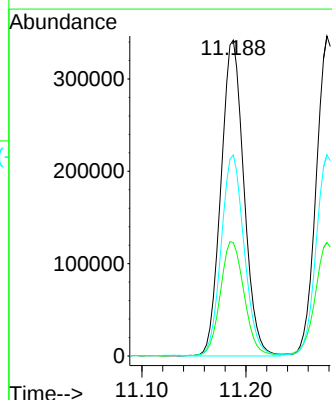
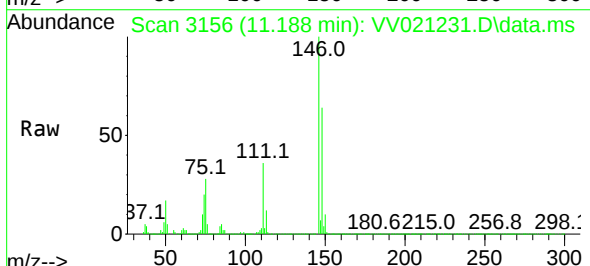
Instrument :
MSVOA_V
ClientSampled :

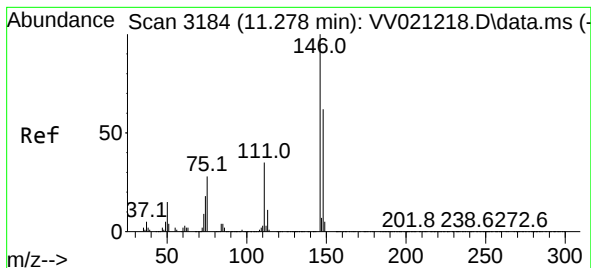
Tgt Ion:105 Resp: 931698
Ion Ratio Lower Upper
105 100
120 45.5 37.7 56.5



#64
1,3-Dichlorobenzene
Concen: 52.13 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion:146 Resp: 524710
Ion Ratio Lower Upper
146 100
111 35.9 27.6 51.2
148 63.6 45.1 83.7

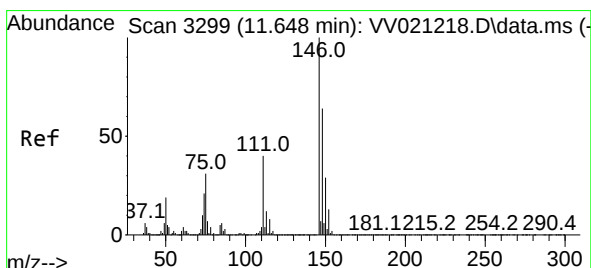
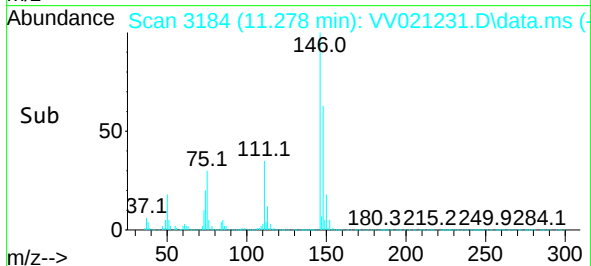
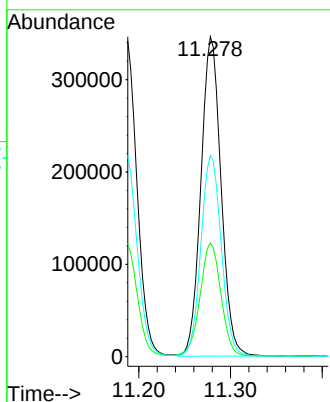
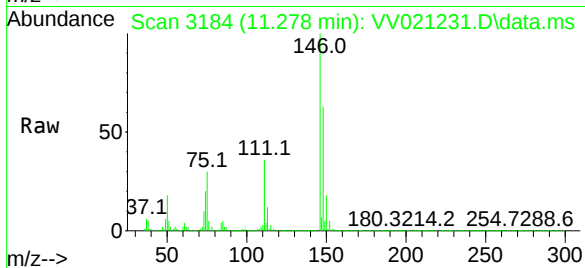




#65
1,4-Dichlorobenzene
Concen: 50.98 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

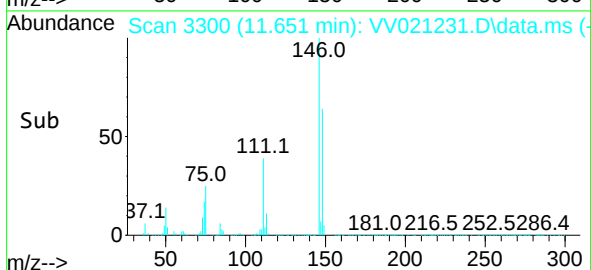
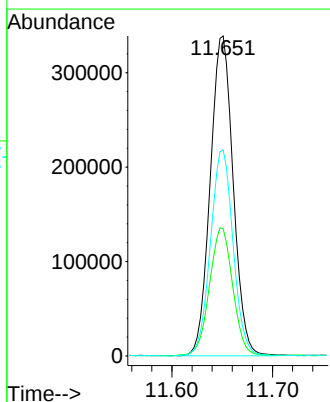
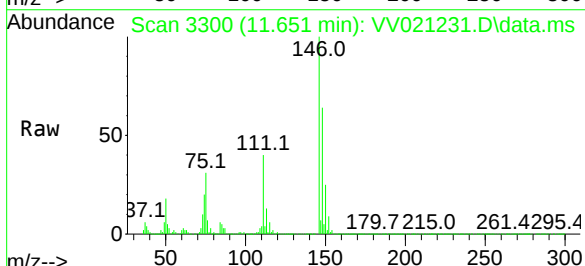
Instrument :
MSVOA_V
ClientSampleId :

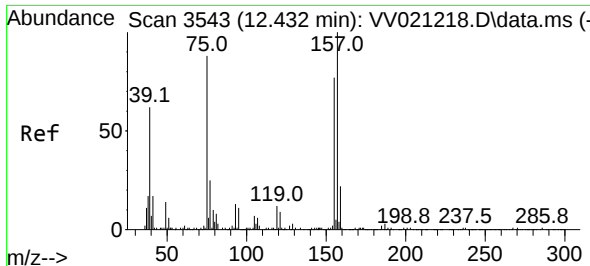
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	26.3	48.9
148	62.9	44.7	82.9



#67
1,2-Dichlorobenzene
Concen: 51.60 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	33.2	49.8
148	64.4	50.6	75.8

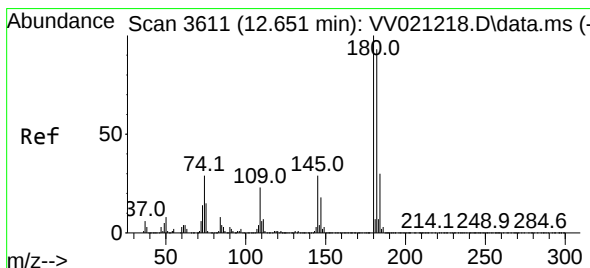
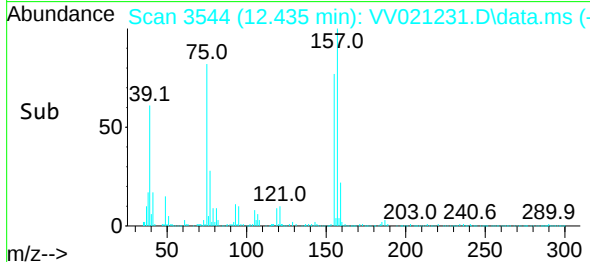
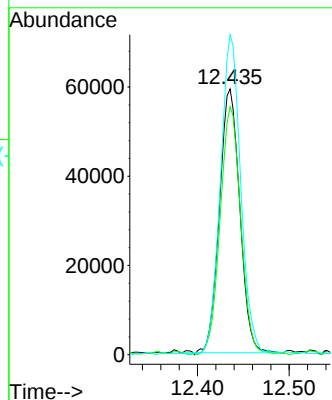
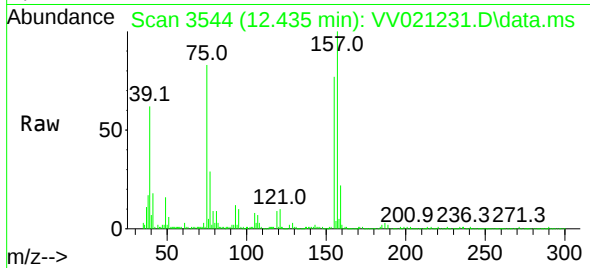




#68
 1,2-Dibromo-3-chloropropane
 Concen: 53.51 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. 0.003 min
 Lab File: VV021231.D
 Acq: 29 Apr 2021 19:26

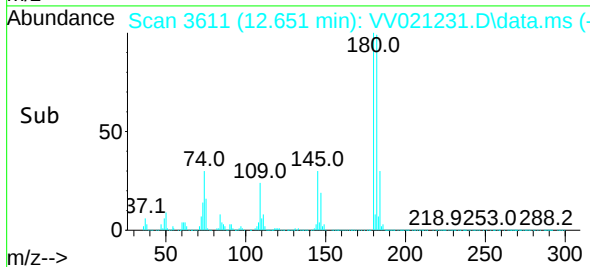
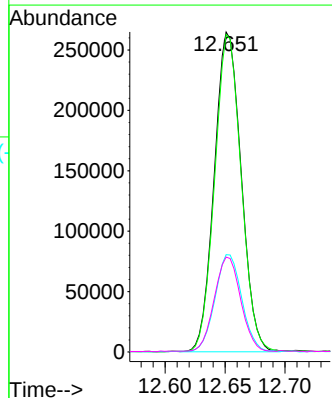
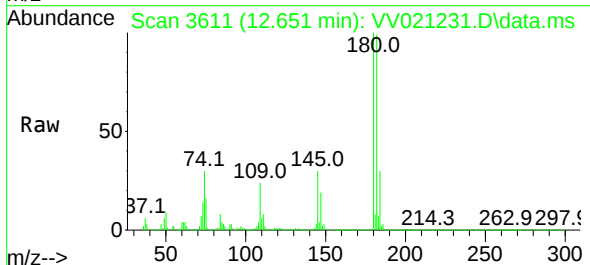
Instrument :
 MSVOA_V
 ClientSampleId :

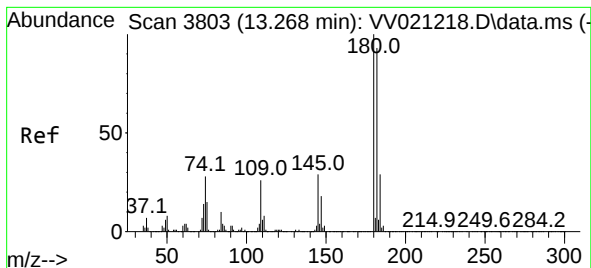
Tgt Ion: 75 Resp: 91402
 Ion Ratio Lower Upper
 75 100
 155 93.3 72.8 109.2
 157 120.4 94.6 142.0



#69
 1,3,5-Trichlorobenzene
 Concen: 52.59 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. -0.000 min
 Lab File: VV021231.D
 Acq: 29 Apr 2021 19:26

Tgt Ion: 180 Resp: 411691
 Ion Ratio Lower Upper
 180 100
 182 97.3 77.4 116.0
 184 30.2 24.1 36.1
 145 29.2 23.8 35.8

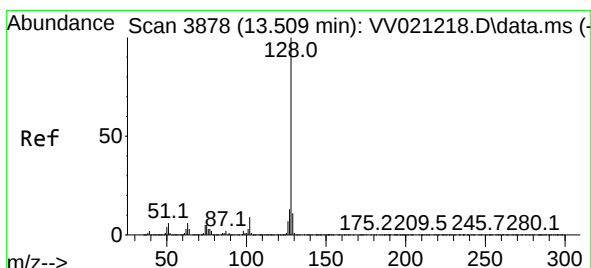
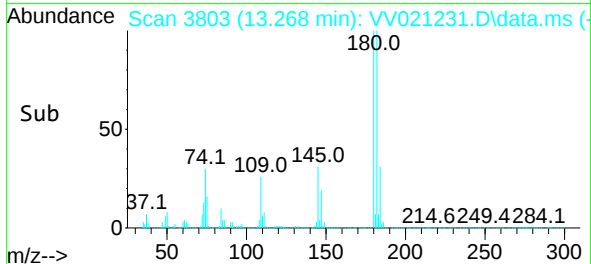
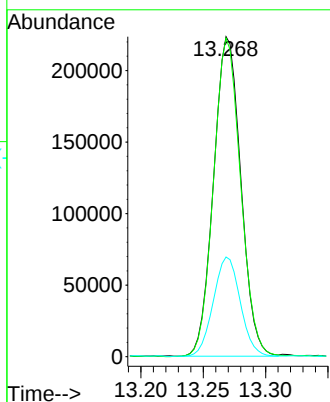
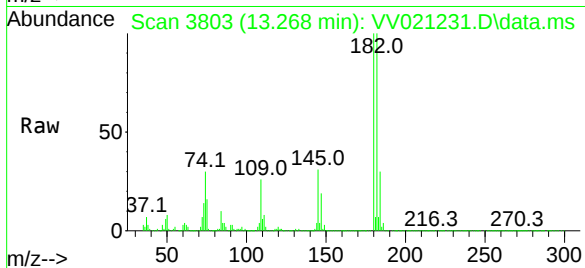




#70
1,2,4-trichlorobenzene
Concen: 53.01 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

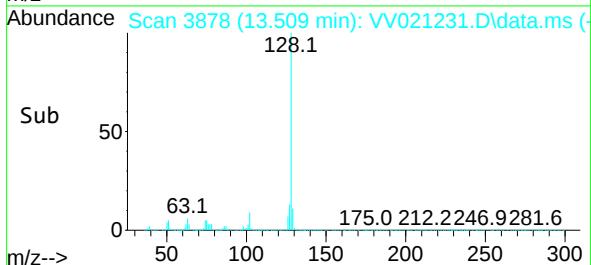
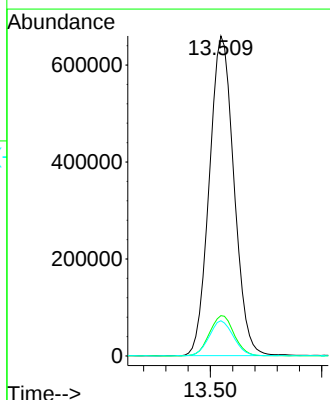
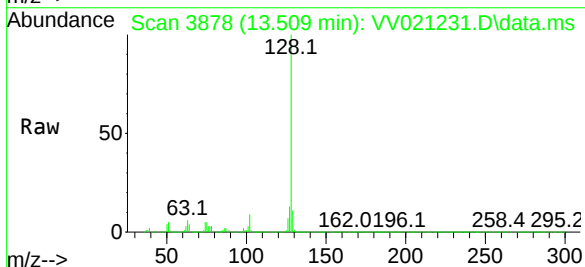
Instrument :
MSVOA_V
ClientSampleId :

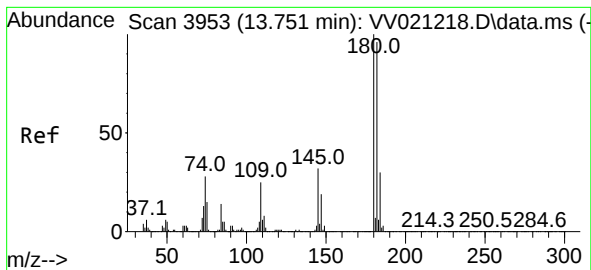
Tgt Ion:180 Resp: 340151
Ion Ratio Lower Upper
180 100
182 99.1 77.5 116.3
145 31.0 24.3 36.5



#71
Naphthalene
Concen: 56.71 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV021231.D
Acq: 29 Apr 2021 19:26

Tgt Ion:128 Resp: 1013538
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 55.42 ug/L
 RT: 13.754 min Scan# 3954
 Delta R.T. 0.003 min
 Lab File: VV021231.D
 Acq: 29 Apr 2021 19:26

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 362790
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.9 113.9
 145 30.7 25.0 37.6

