

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042121\
 Data File : VV021087.D
 Acq On : 21 Apr 2021 18:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 06:44:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:32:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	614933	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	603675	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	346286	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	226727	44.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.74%		
7) Chloroethane-d5	1.568	69	169236	45.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.06%		
11) 1,1-Dichloroethene-d2	2.108	63	437020	46.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.78%		
21) 2-Butanone-d5	3.908	46	266151	107.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.86%		
24) Chloroform-d	4.352	84	444606	49.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.72%		
26) 1,2-Dichloroethane-d4	5.037	65	289917	50.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.26%		
32) Benzene-d6	5.053	84	793202	49.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.68%		
36) 1,2-Dichloropropane-d6	6.075	67	234092	48.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.56%		
41) Toluene-d8	7.320	98	784283	50.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.80%		
43) trans-1,3-Dichloroprop...	7.625	79	130923	49.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.84%		
47) 2-Hexanone-d5	8.095	63	212131	111.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.45%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	364491	50.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.72%		
66) 1,2-Dichlorobenzene-d4	11.632	152	342102	50.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.02%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	298803	48.13	ug/L	99
3) Chloromethane	1.243	50	255432	47.80	ug/L	99
5) Vinyl chloride	1.310	62	268254	49.04	ug/L	100
6) Bromomethane	1.523	94	176883	47.99	ug/L	98
8) Chloroethane	1.587	64	155781	48.27	ug/L	99
9) Trichlorofluoromethane	1.754	101	485232	49.78	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	235792	48.77	ug/L	98
12) 1,1-Dichloroethene	2.117	96	215158	49.01	ug/L	95
14) Carbon disulfide	2.294	76	591846	49.15	ug/L	100
15) Methyl Acetate	2.442	43	203011	53.26	ug/L	99
16) Methylene chloride	2.510	84	225065	49.16	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	213951	50.72	ug/L	96
18) Methyl tert-butyl Ether	2.773	73	681370	52.62	ug/L	100
19) 1,1-Dichloroethane	3.191	63	385041	50.59	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	233399	51.85	ug/L	99
22) 2-Butanone	3.992	43	284828	106.71	ug/L	98
23) Bromochloromethane	4.252	128	131256	50.60	ug/L	96
25) Chloroform	4.378	83	439718	51.33	ug/L	98
27) 1,2-Dichloroethane	5.133	62	357305	52.38	ug/L	100

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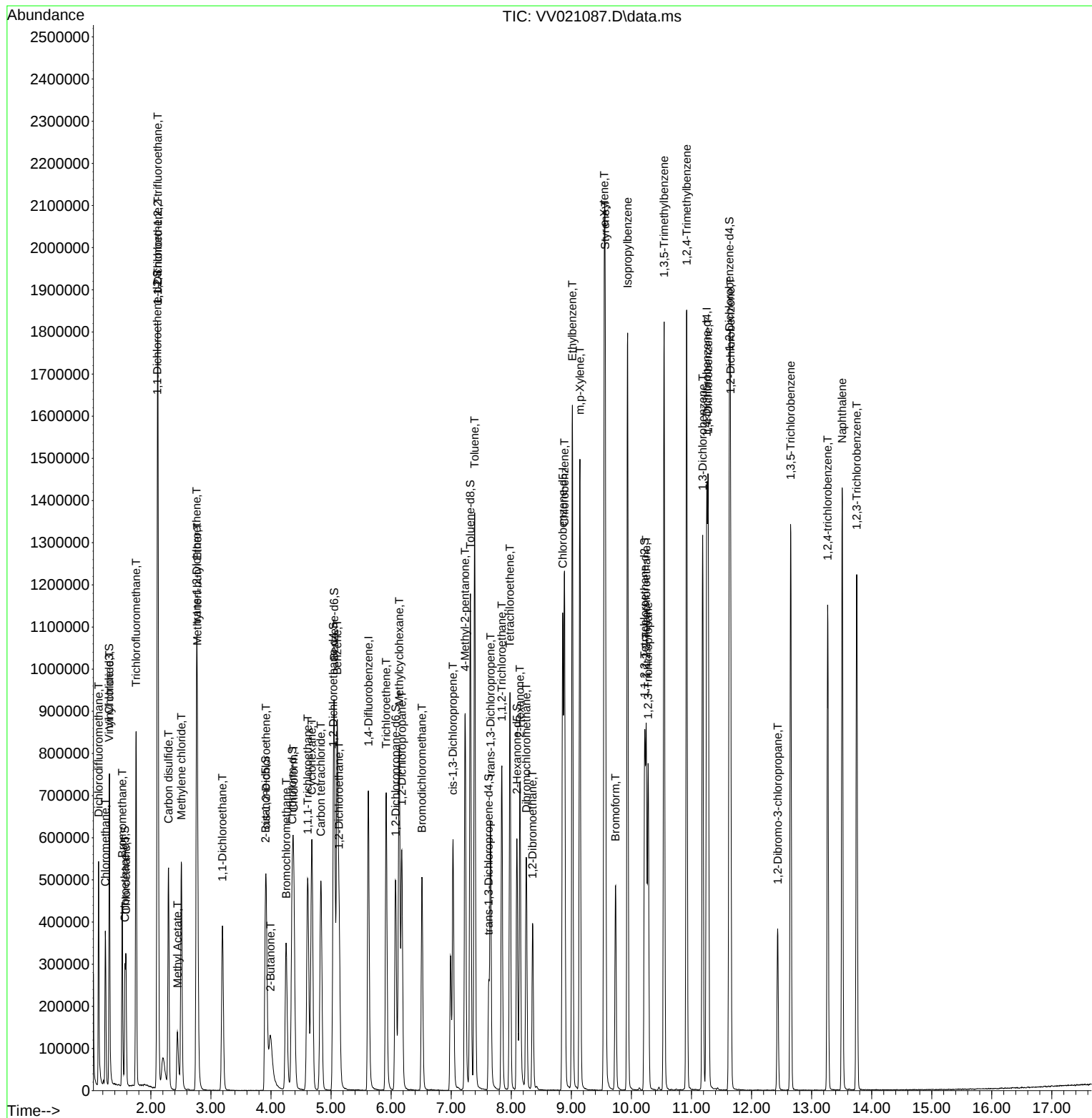
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	315532	51.36	ug/L	97
30) 1,1,1-Trichloroethane	4.613	97	426683	52.76	ug/L	99
31) Carbon tetrachloride	4.831	117	381327	51.05	ug/L	98
33) Benzene	5.104	78	869799	51.69	ug/L	100
34) Trichloroethene	5.918	95	240632	51.67	ug/L	99
35) Methylcyclohexane	6.137	83	355614	50.81	ug/L	98
37) 1,2-Dichloropropane	6.178	63	214512	51.89	ug/L	100
38) Bromodichloromethane	6.513	83	330156	51.25	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	346081	51.33	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	561008	112.28	ug/L	99
42) Toluene	7.391	91	992294	53.71	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	364740	52.28	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	233454	52.00	ug/L	100
46) Tetrachloroethene	7.979	164	210309	50.49	ug/L	96
48) 2-Hexanone	8.143	43	446985	113.60	ug/L	99
49) Dibromochloromethane	8.249	129	289313	52.32	ug/L	97
50) 1,2-Dibromoethane	8.355	107	256413	52.83	ug/L	99
51) Chlorobenzene	8.886	112	655029	51.55	ug/L	99
52) Ethylbenzene	9.017	91	1087033	53.07	ug/L	100
53) m,p-Xylene	9.143	106	418807	53.65	ug/L	97
54) o-Xylene	9.548	106	409279	53.38	ug/L	97
55) Styrene	9.564	104	715405	55.23	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	372835	52.25	ug/L	99
59) Bromoform	9.738	173	220104	51.85	ug/L	100
60) Isopropylbenzene	9.937	105	1122000	54.20	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	307006	52.58	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	948915	53.98	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	971693	55.43	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	543895	52.75	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	544544	51.40	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	556466	52.28	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	93190	53.25	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	414388	51.67	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	352873	53.68	ug/L	99
71) Naphthalene	13.509	128	1090139	59.54	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	371904	55.45	ug/L	99

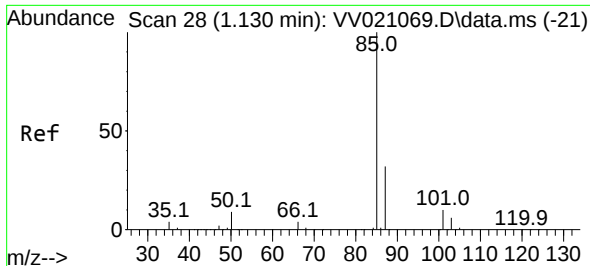
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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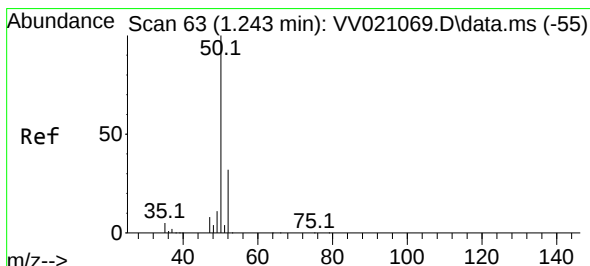
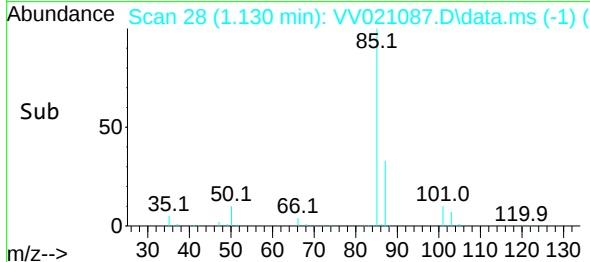
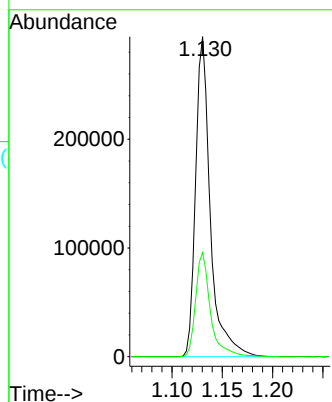
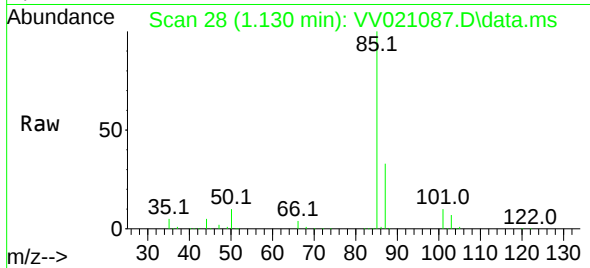




#2
 Dichlorodifluoromethane
 Concen: 48.13 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV021087.D
 Acq: 21 Apr 2021 18:44

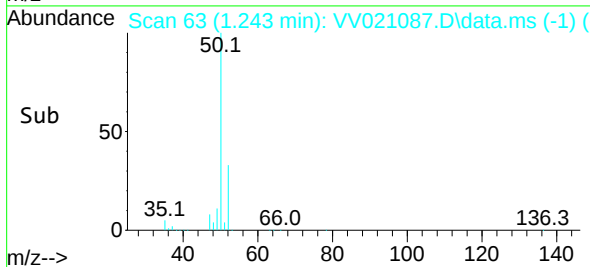
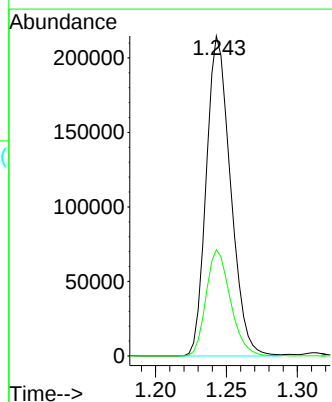
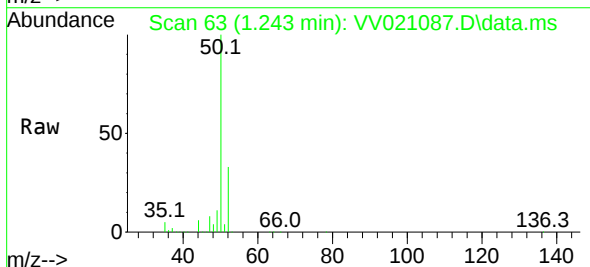
Instrument :
 MSVOA_V
 ClientSampled :

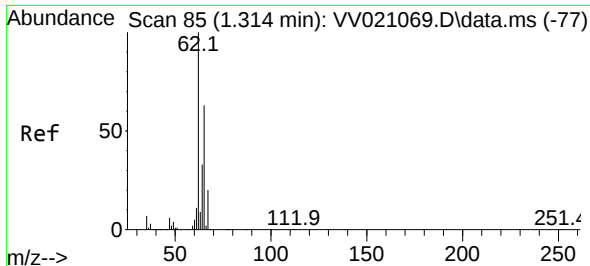
Tgt Ion: 85 Resp: 298803
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.8



#3
 Chloromethane
 Concen: 47.80 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV021087.D
 Acq: 21 Apr 2021 18:44

Tgt Ion: 50 Resp: 255432
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.7 42.1

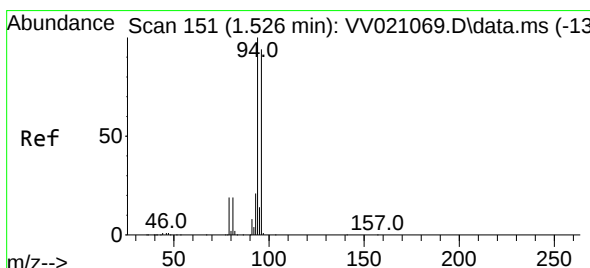
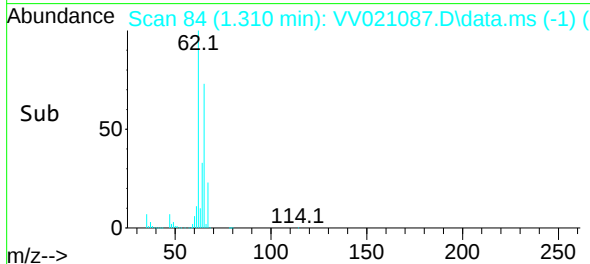
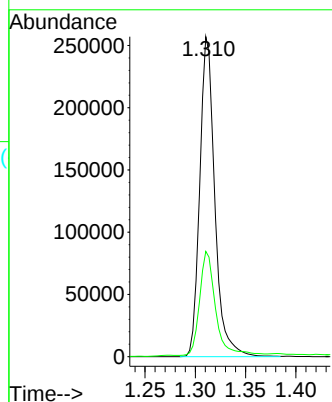
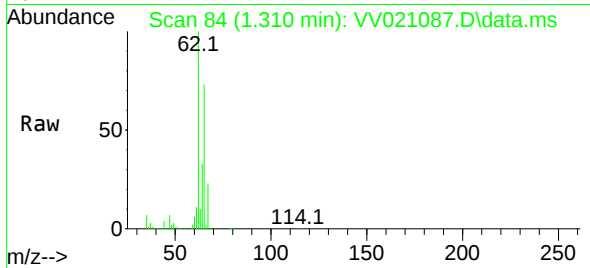




#5
 Vinyl chloride
 Concen: 49.04 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV021087.D
 Acq: 21 Apr 2021 18:44

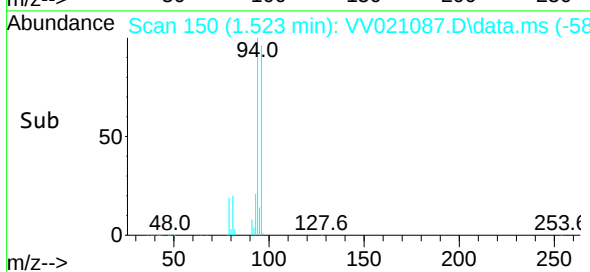
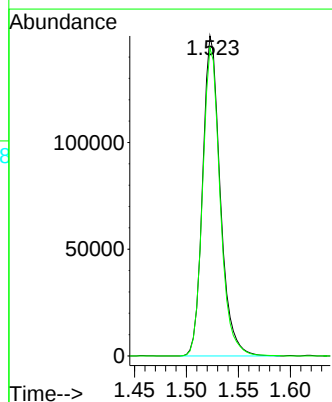
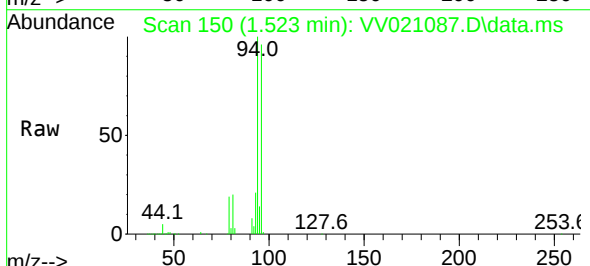
Instrument :
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 ClientSampleId :

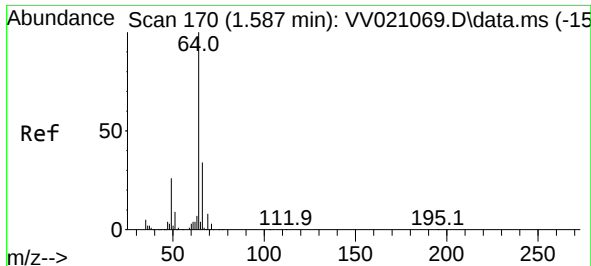
Tgt Ion: 62 Resp: 268254
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2



#6
 Bromomethane
 Concen: 47.99 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV021087.D
 Acq: 21 Apr 2021 18:44

Tgt Ion: 94 Resp: 176883
 Ion Ratio Lower Upper
 94 100
 96 96.2 65.7 122.1

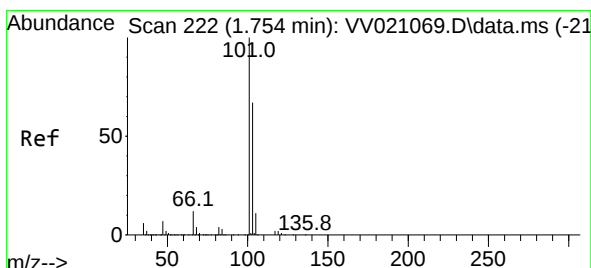
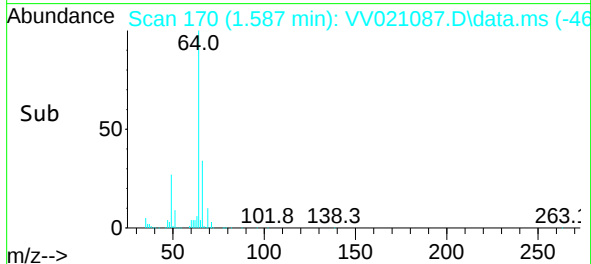
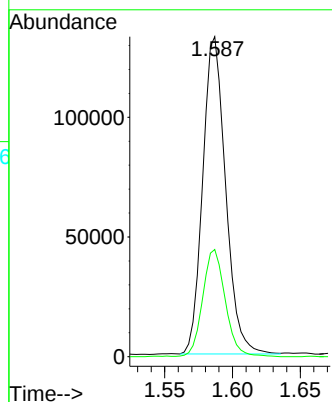
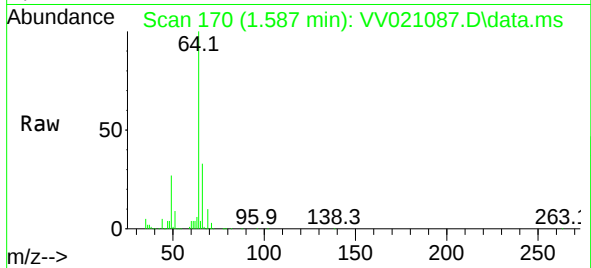




#8
Chloroethane
Concen: 48.27 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

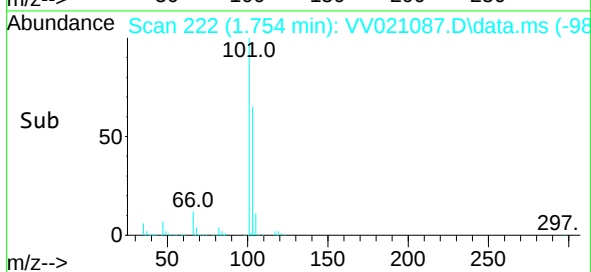
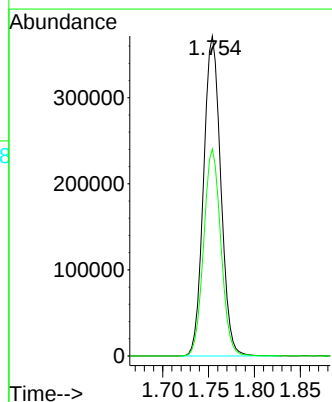
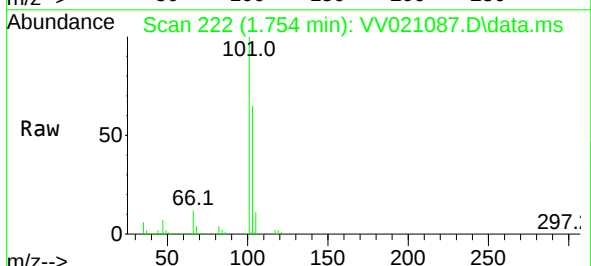
Instrument :
MSVOA_V
ClientSampled :

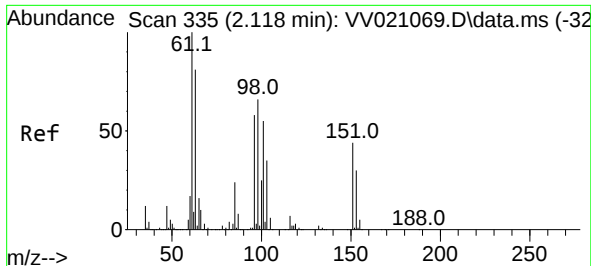
Tgt Ion: 64 Resp: 155781
Ion Ratio Lower Upper
64 100
66 33.5 23.7 43.9



#9
Trichlorofluoromethane
Concen: 49.78 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion:101 Resp: 485232
Ion Ratio Lower Upper
101 100
103 64.6 53.0 79.6





#10

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

Concen: 48.77 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV021087.D

Acq: 21 Apr 2021 18:44

Tgt Ion:101 Resp: 235792

Ion Ratio Lower Upper

101 100

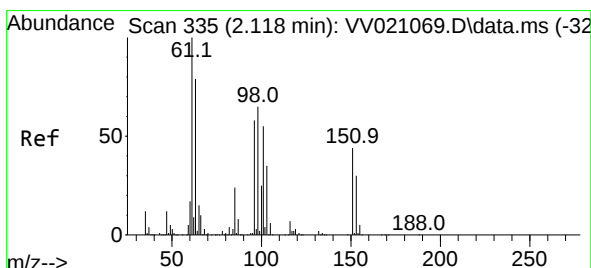
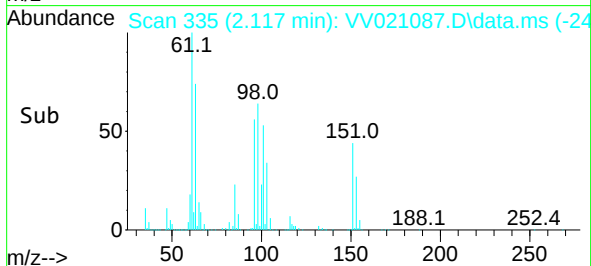
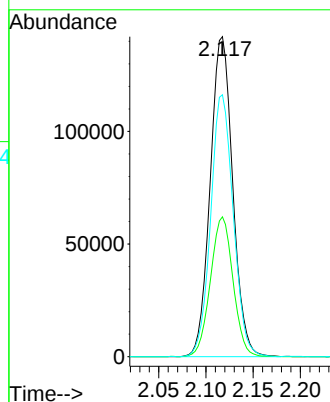
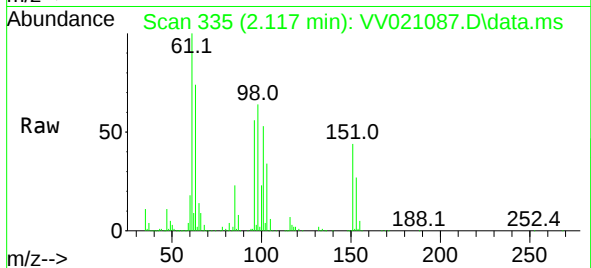
85 43.8 35.4 53.2

151 82.0 63.9 95.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 49.01 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV021087.D

Acq: 21 Apr 2021 18:44

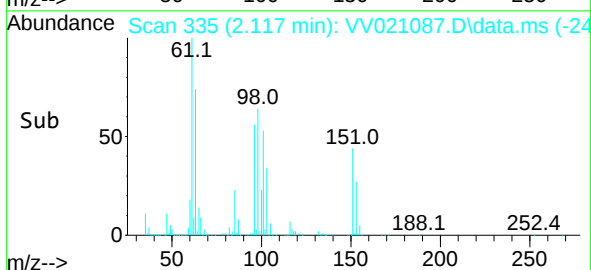
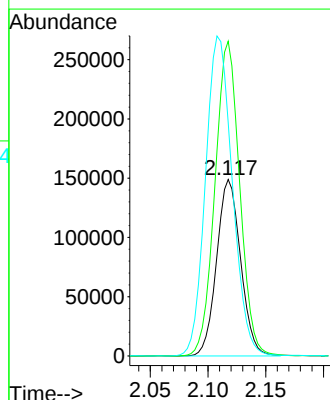
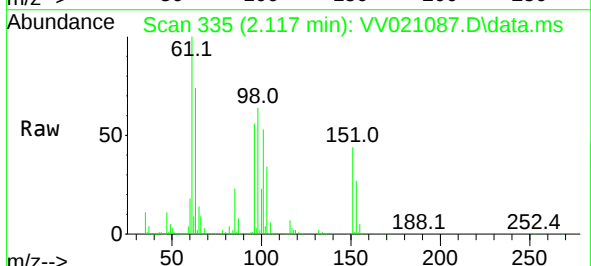
Tgt Ion: 96 Resp: 215158

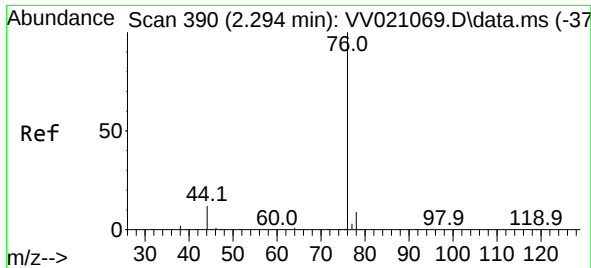
Ion Ratio Lower Upper

96 100

61 178.4 121.4 225.6

63 132.3 98.1 182.1

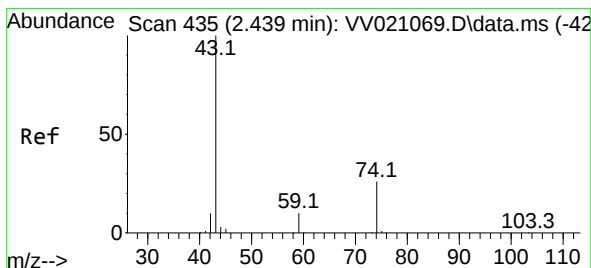
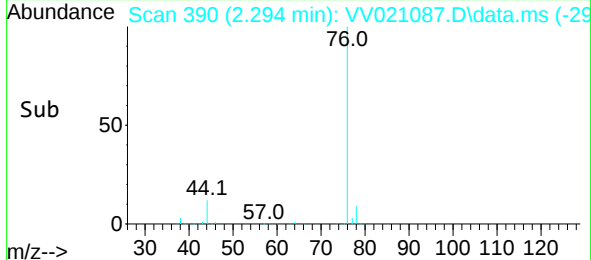
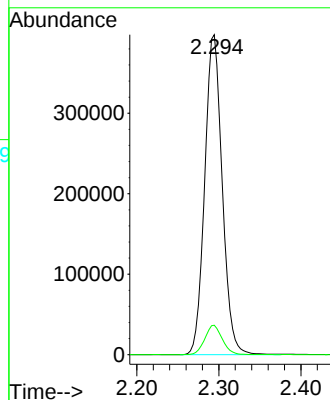
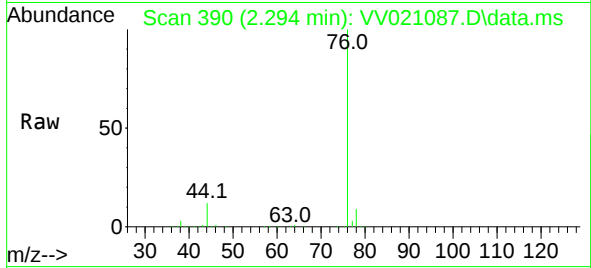




#14
Carbon disulfide
Concen: 49.15 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

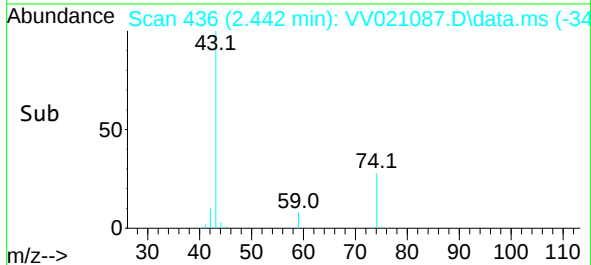
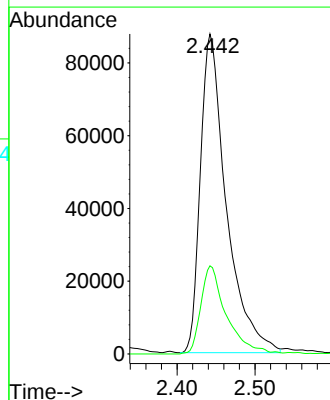
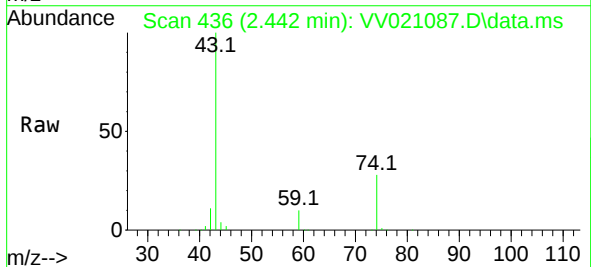
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ClientSampled :

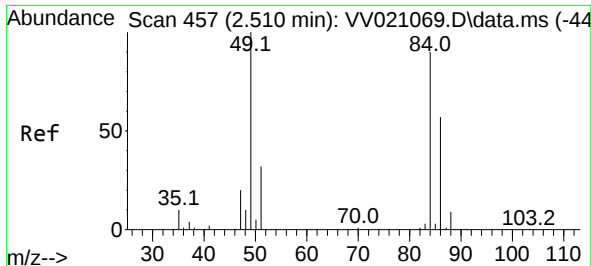
Tgt Ion: 76 Resp: 591846
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#15
Methyl Acetate
Concen: 53.26 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV021087.D
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Tgt Ion: 43 Resp: 203011
Ion Ratio Lower Upper
43 100
74 26.8 21.2 31.8

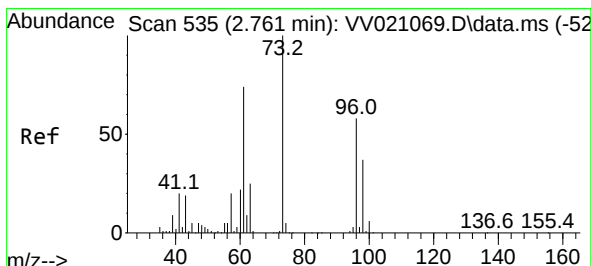
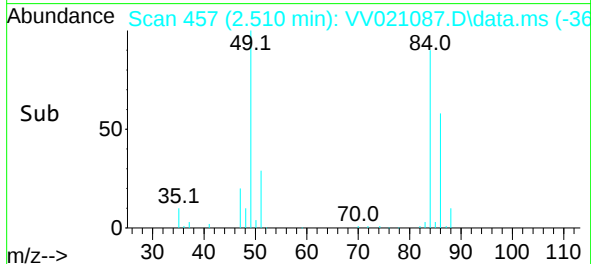
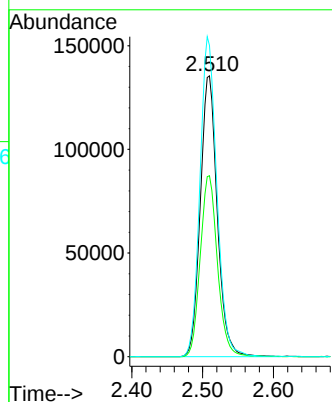
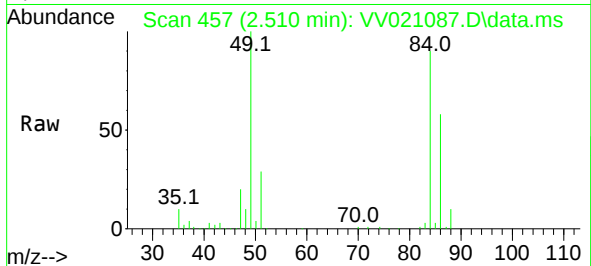




#16
Methylene chloride
Concen: 49.16 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

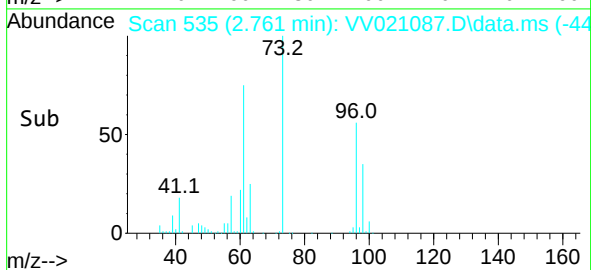
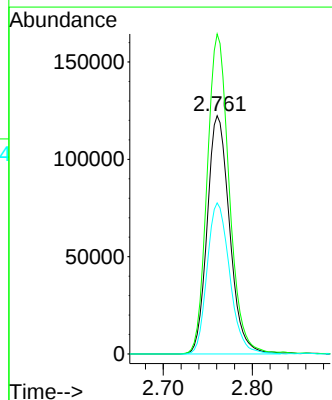
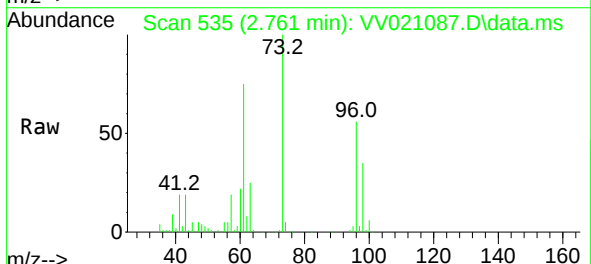
Instrument :
MSVOA_V
ClientSampled :

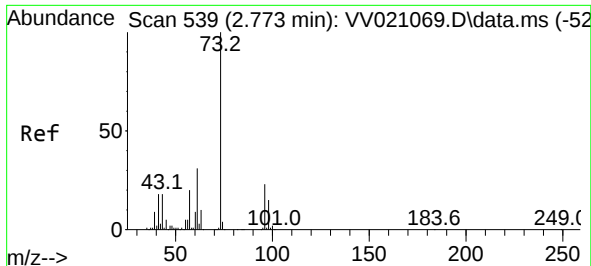
Tgt Ion: 84 Resp: 225065
Ion Ratio Lower Upper
84 100
86 64.5 44.9 83.5
49 110.9 78.1 145.1



#17
trans-1,2-Dichloroethene
Concen: 50.72 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 96 Resp: 213951
Ion Ratio Lower Upper
96 100
61 134.3 89.3 165.9
98 63.4 44.1 81.9

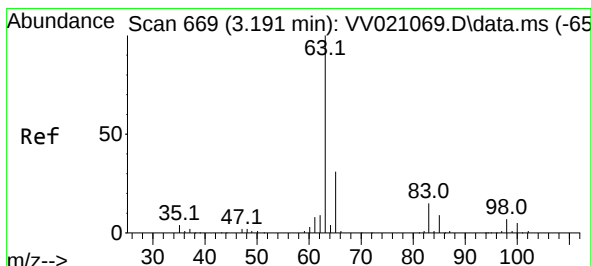
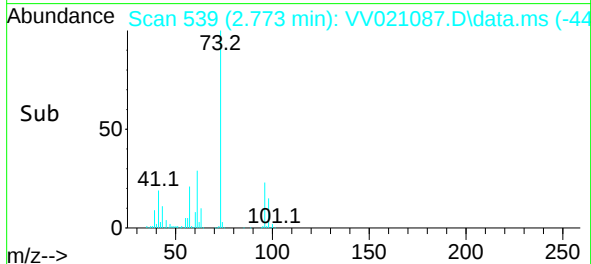
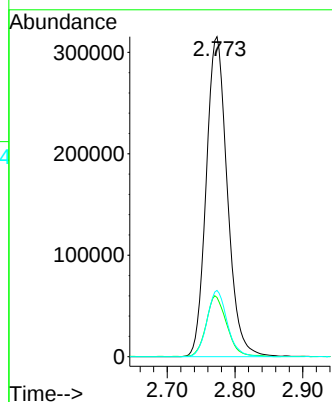
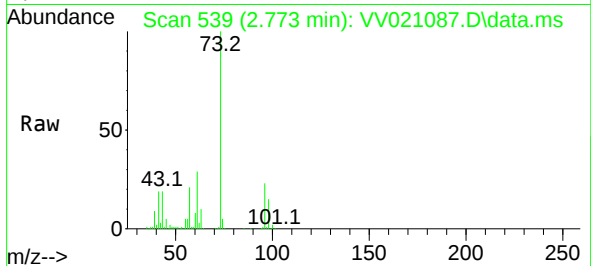




#18
Methyl tert-butyl Ether
Concen: 52.62 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

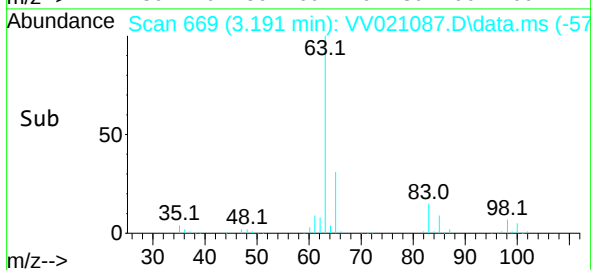
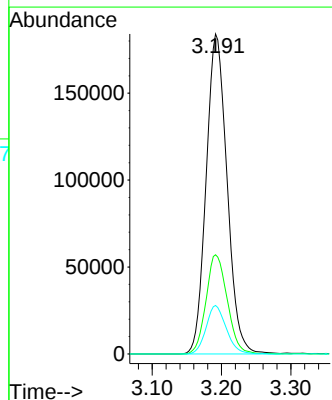
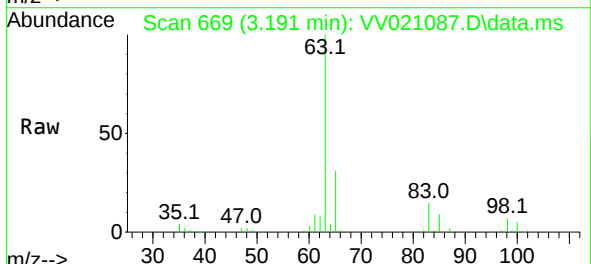
Instrument :
MSVOA_V
ClientSampled :

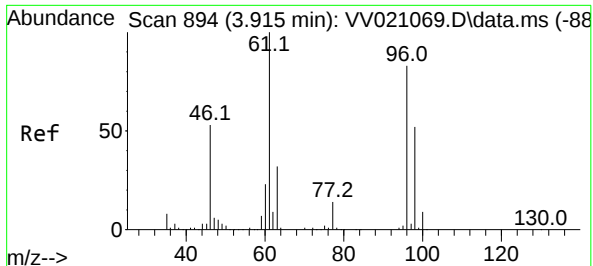
Tgt Ion: 73 Resp: 681370
Ion Ratio Lower Upper
73 100
43 18.6 14.7 22.1
57 19.9 15.9 23.9



#19
1,1-Dichloroethane
Concen: 50.59 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 63 Resp: 385041
Ion Ratio Lower Upper
63 100
65 31.0 21.9 40.7
83 15.1 10.6 19.6

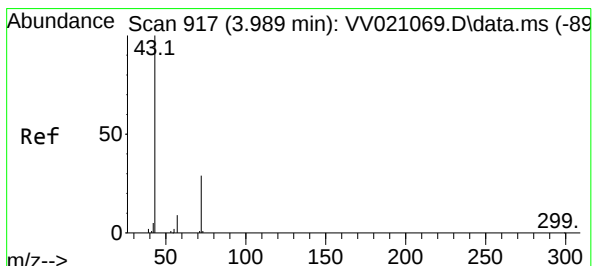
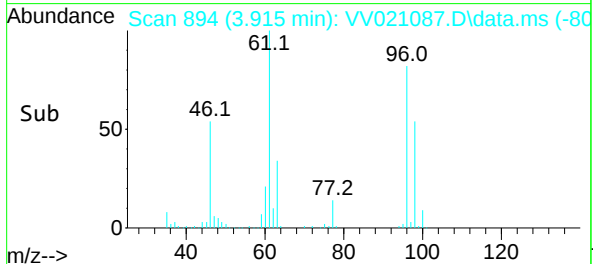
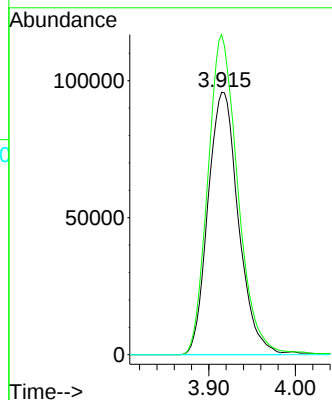
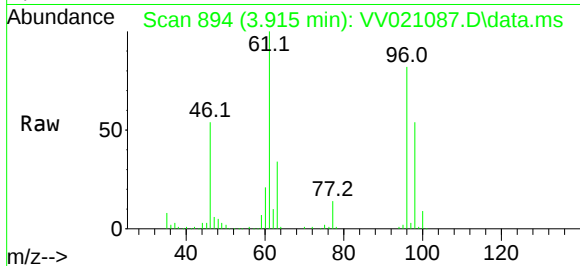




#20
cis-1,2-Dichloroethene
Concen: 51.85 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

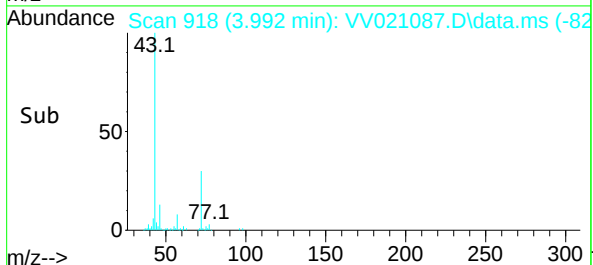
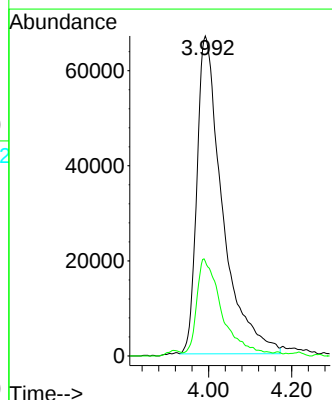
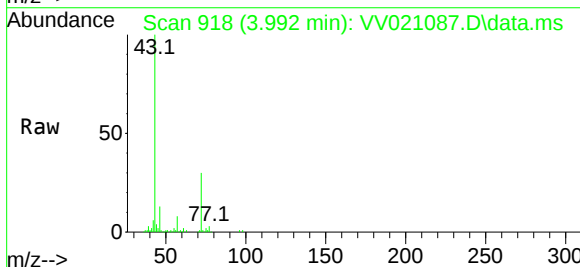
Instrument :
MSVOA_V
ClientSampled :

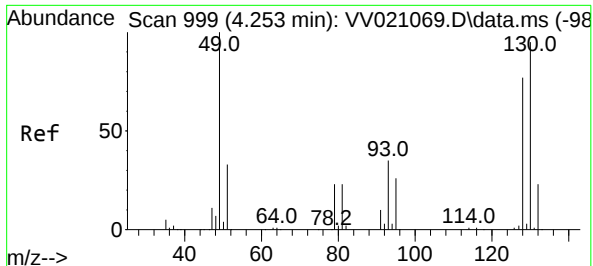
Tgt Ion: 96 Resp: 233399
Ion Ratio Lower Upper
96 100
61 122.0 84.4 156.7
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 106.71 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.003 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

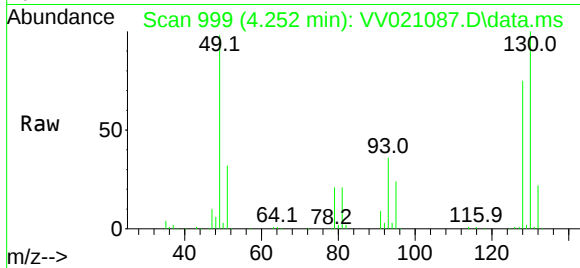
Tgt Ion: 43 Resp: 284828
Ion Ratio Lower Upper
43 100
72 27.5 13.2 39.6



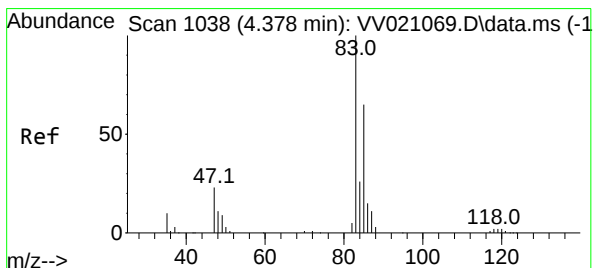
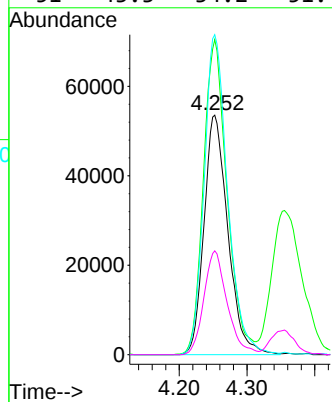
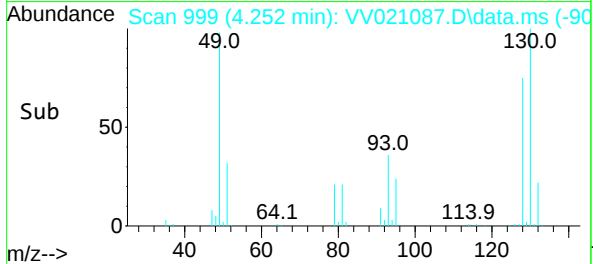


#23
Bromochloromethane
Concen: 50.60 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

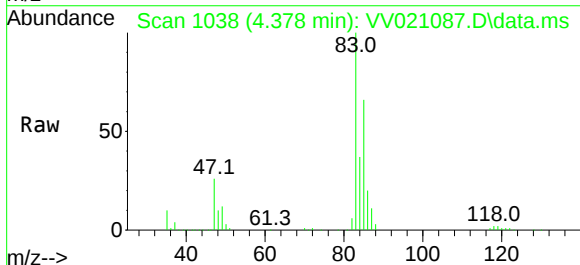
Instrument :
MSVOA_V
ClientSampleId :



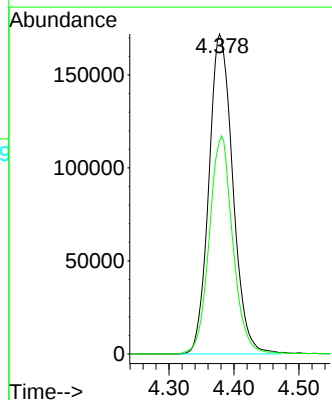
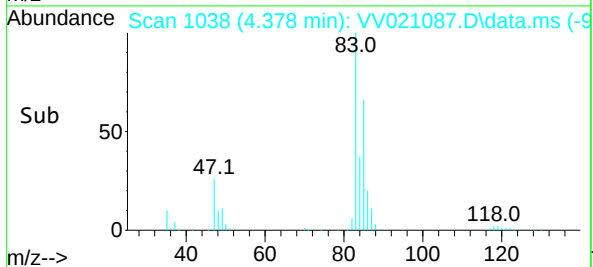
Tgt Ion:128 Resp: 131256
Ion Ratio Lower Upper
128 100
49 131.5 91.3 169.6
130 133.6 86.8 161.2
51 43.3 34.2 51.4

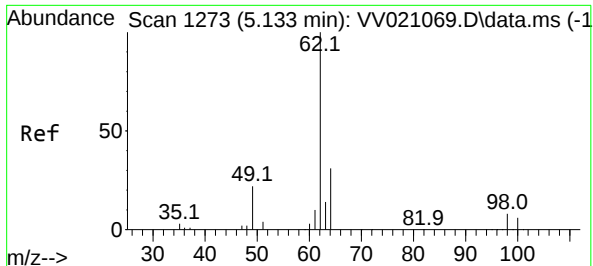


#25
Chloroform
Concen: 51.33 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44



Tgt Ion: 83 Resp: 439718
Ion Ratio Lower Upper
83 100
85 66.5 45.6 84.6





#27

1,2-Dichloroethane

Concen: 52.38 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV021087.D

Acq: 21 Apr 2021 18:44

Tgt Ion: 62 Resp: 357305

Ion Ratio Lower Upper

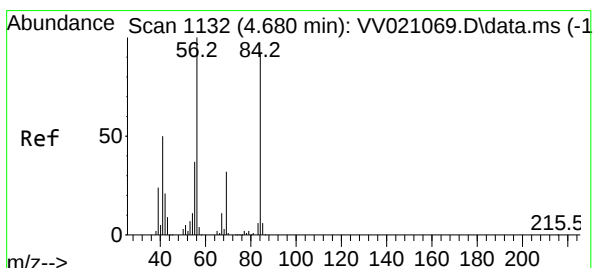
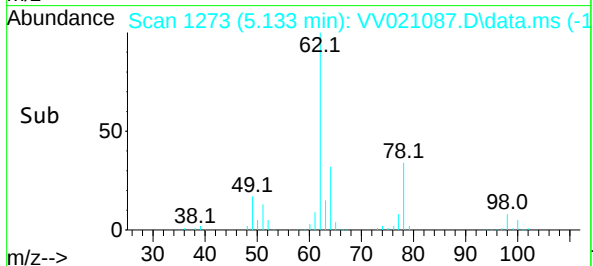
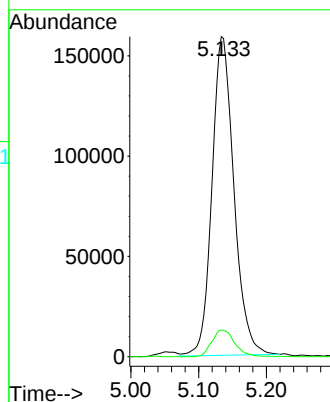
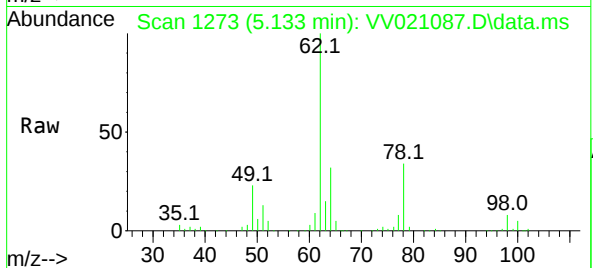
62 100

98 8.4 6.7 10.1

Instrument :

MSVOA_V

ClientSampled :



#29

Cyclohexane

Concen: 51.36 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV021087.D

Acq: 21 Apr 2021 18:44

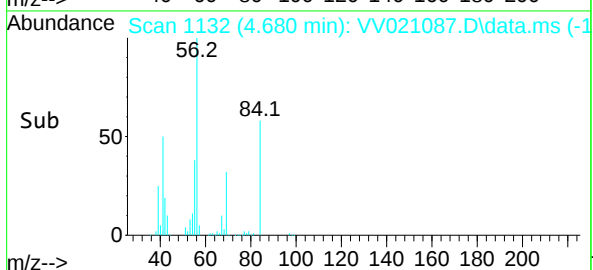
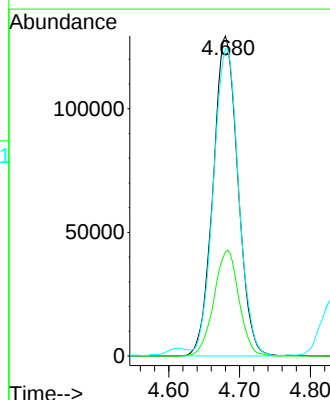
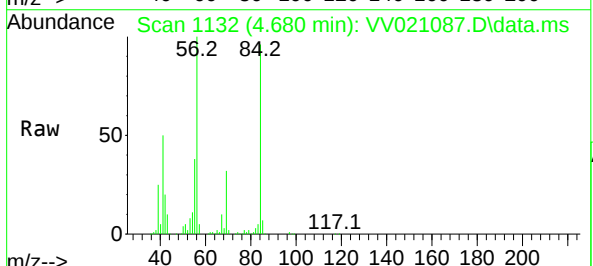
Tgt Ion: 56 Resp: 315532

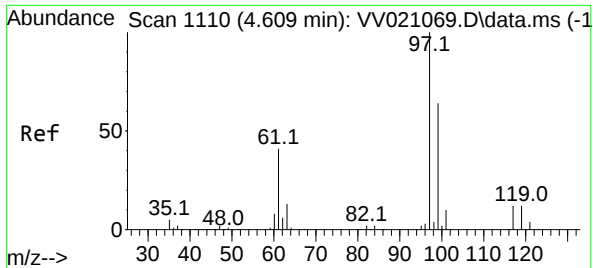
Ion Ratio Lower Upper

56 100

69 33.2 25.7 38.5

84 97.6 75.7 113.5

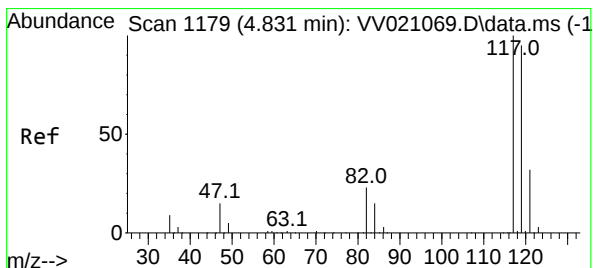
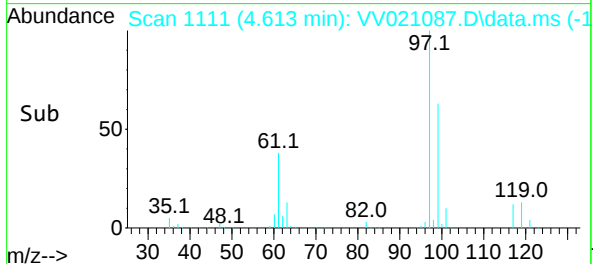
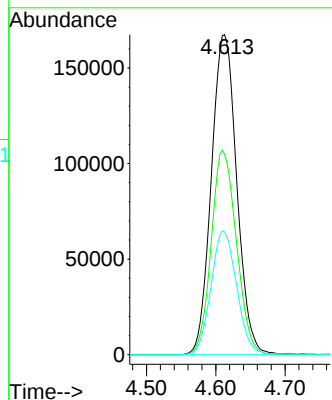
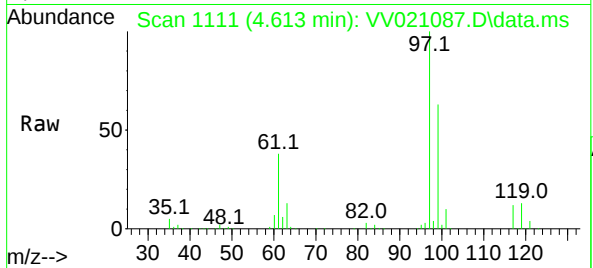




#30
1,1,1-Trichloroethane
Concen: 52.76 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

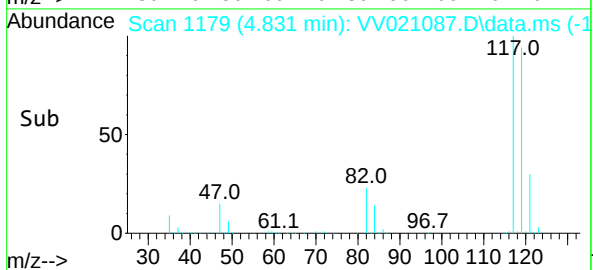
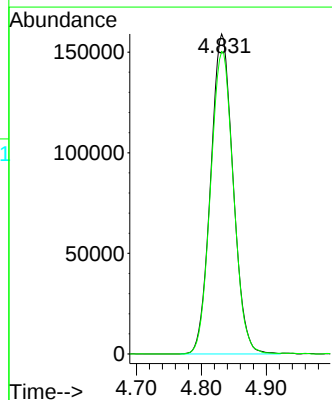
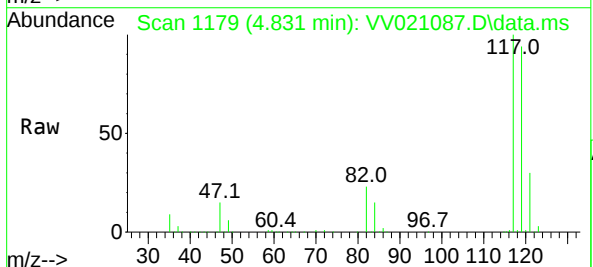
Instrument :
MSVOA_V
ClientSampleId :

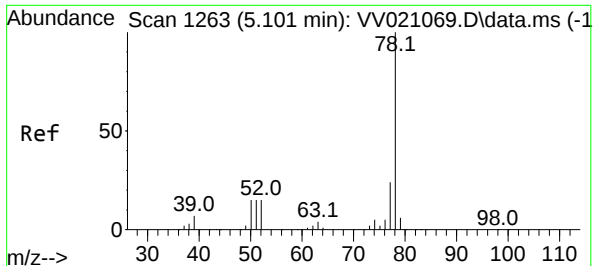
Tgt Ion: 97 Resp: 426683
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 39.2 32.1 48.1



#31
Carbon tetrachloride
Concen: 51.05 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 117 Resp: 381327
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.2

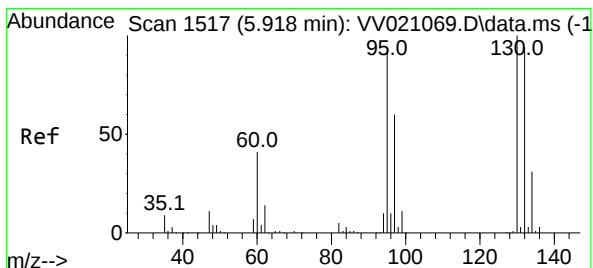
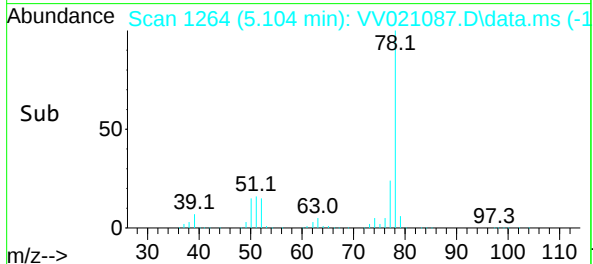
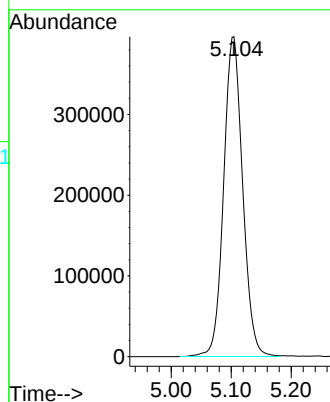
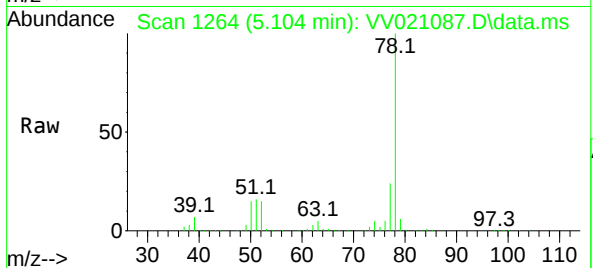




#33
Benzene
Concen: 51.69 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Instrument :
MSVOA_V
ClientSampled :

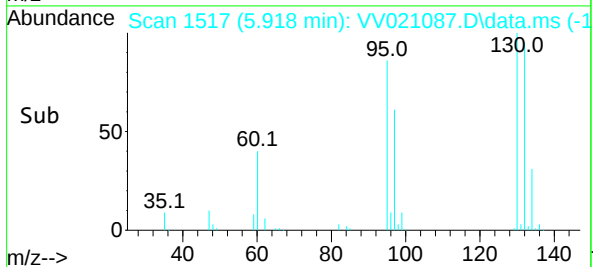
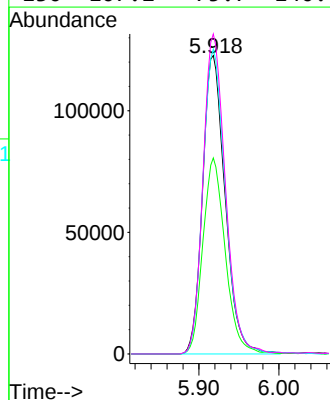
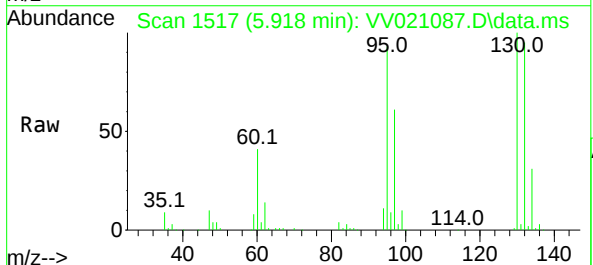
Tgt Ion: 78 Resp: 869799

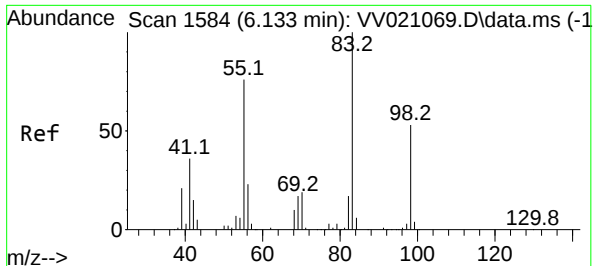


#34
Trichloroethene
Concen: 51.67 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 95 Resp: 240632

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.5	84.5
132	102.1	71.0	131.8
130	107.2	75.7	140.7

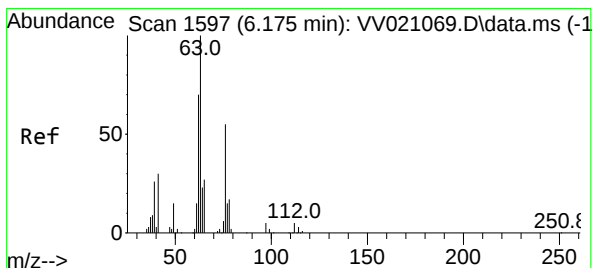
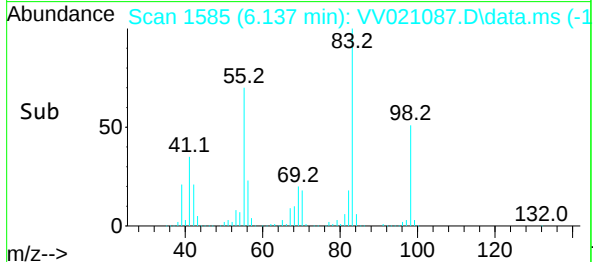
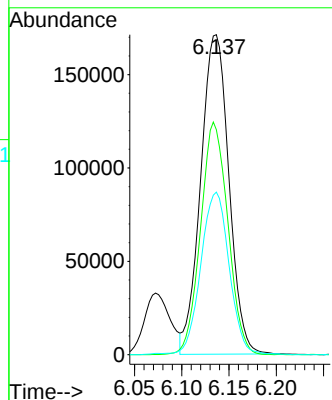
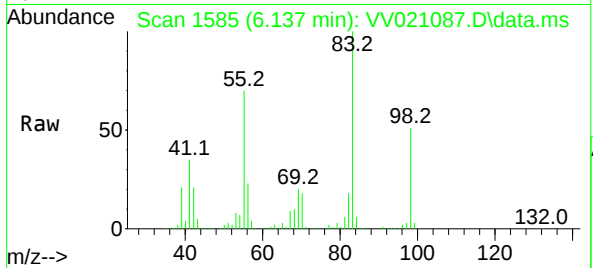




#35
Methylcyclohexane
Concen: 50.81 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

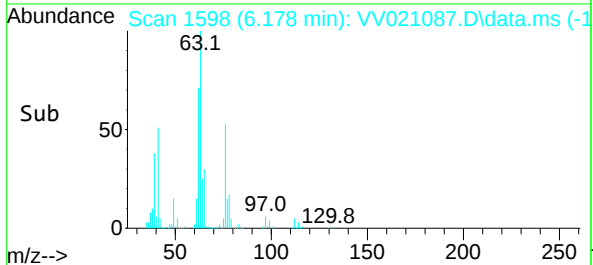
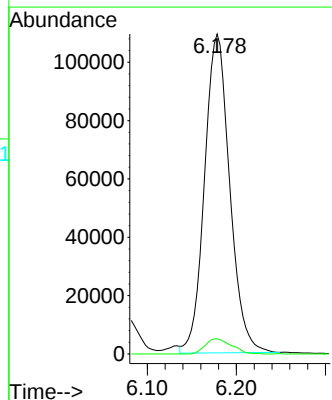
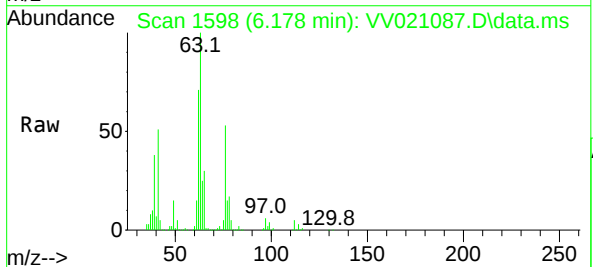
Instrument :
MSVOA_V
ClientSampled :

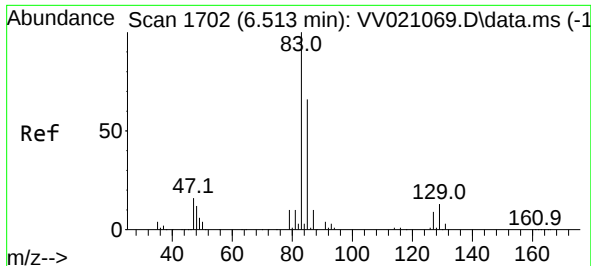
Tgt Ion: 83 Resp: 355614
Ion Ratio Lower Upper
83 100
55 70.6 58.2 87.2
98 50.9 40.6 60.8



#37
1,2-Dichloropropane
Concen: 51.89 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 63 Resp: 214512
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9

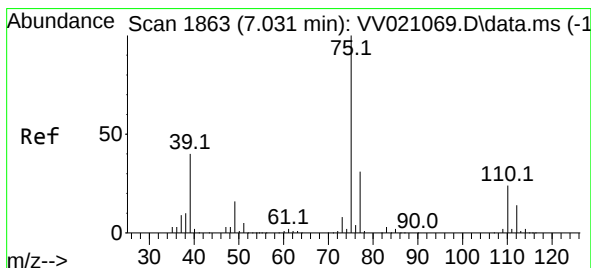
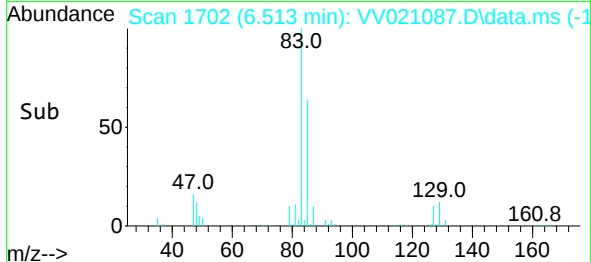
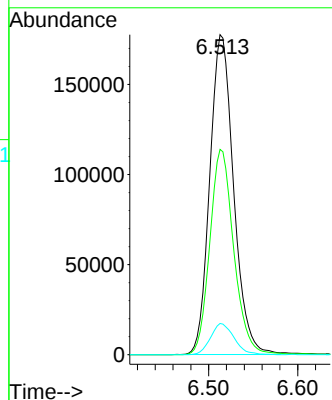
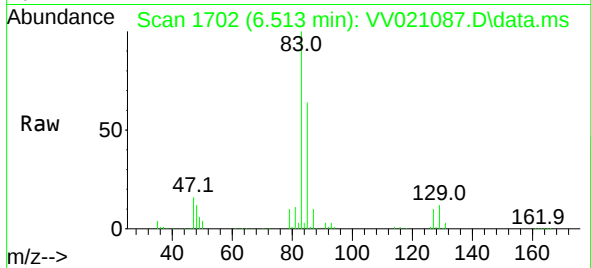




#38
Bromodichloromethane
Concen: 51.25 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

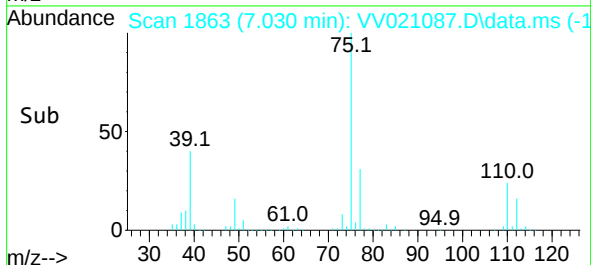
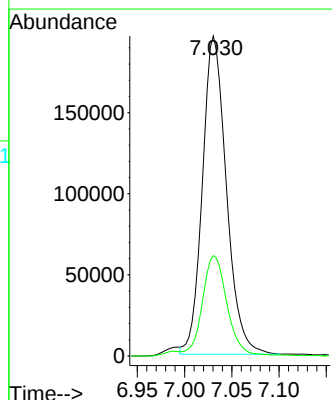
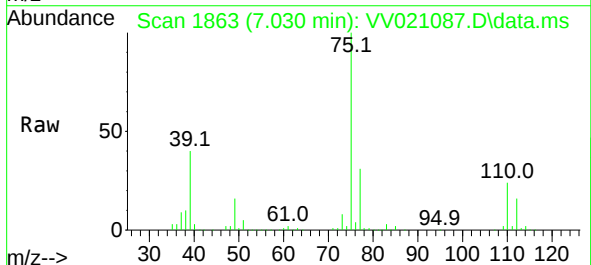
Instrument :
MSVOA_V
ClientSampled :

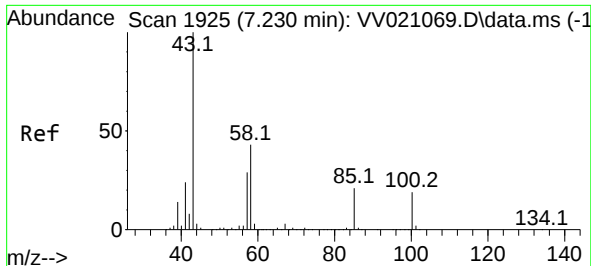
Tgt Ion: 83 Resp: 330156
Ion Ratio Lower Upper
83 100
85 64.2 46.2 85.8
127 9.7 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 51.33 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 75 Resp: 346081
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6

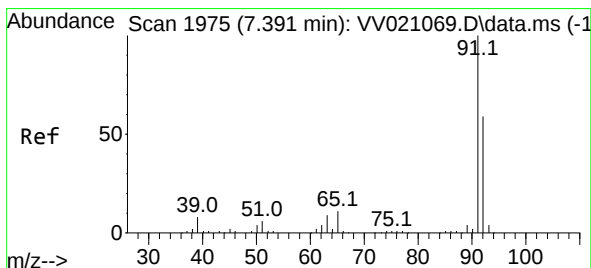
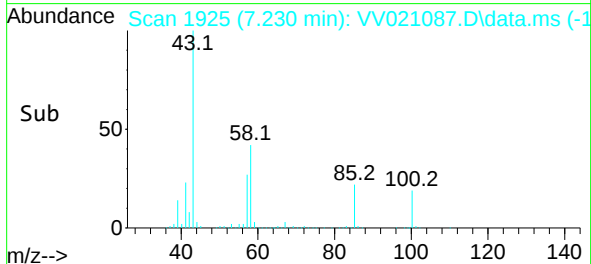
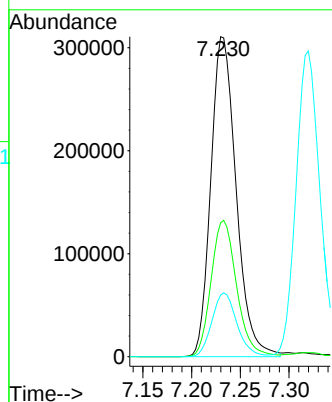
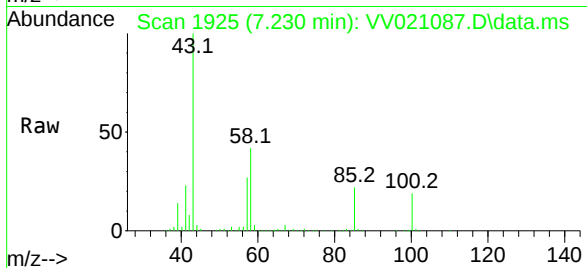




#40
4-Methyl-2-pentanone
Concen: 112.28 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

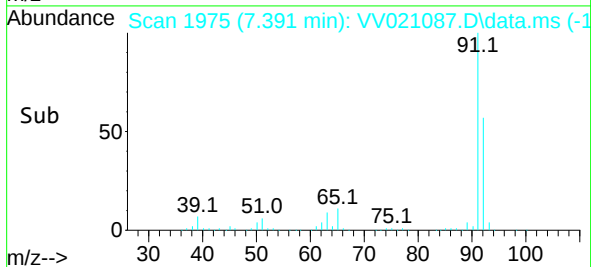
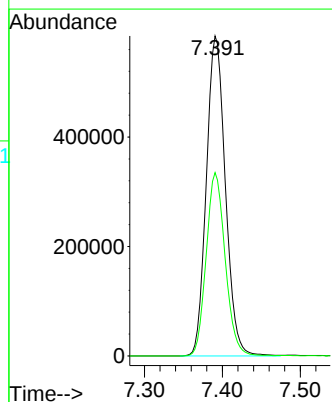
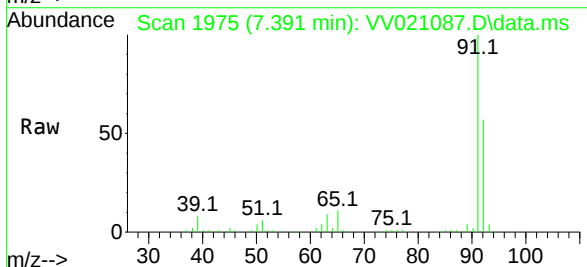
Instrument :
MSVOA_V
ClientSampled :

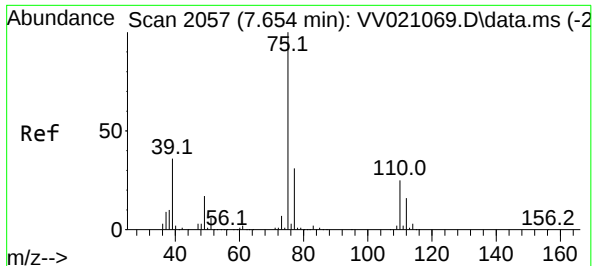
Tgt Ion: 43 Resp: 561008
Ion Ratio Lower Upper
43 100
58 43.0 34.5 51.7
100 19.7 15.2 22.8



#42
Toluene
Concen: 53.71 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 91 Resp: 992294
Ion Ratio Lower Upper
91 100
92 57.3 41.0 76.2

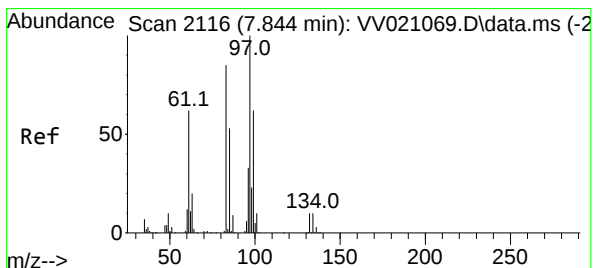
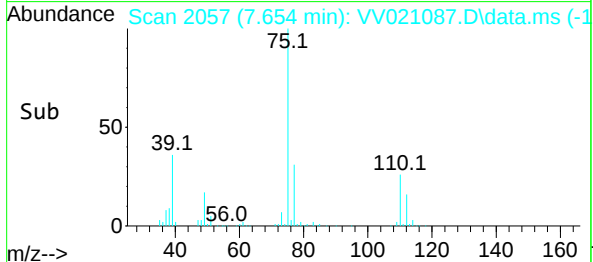
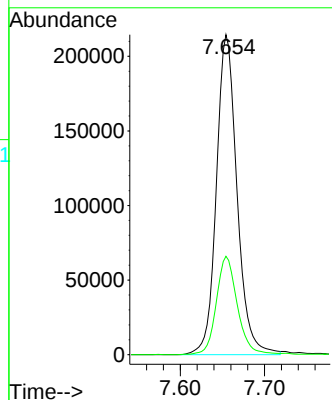
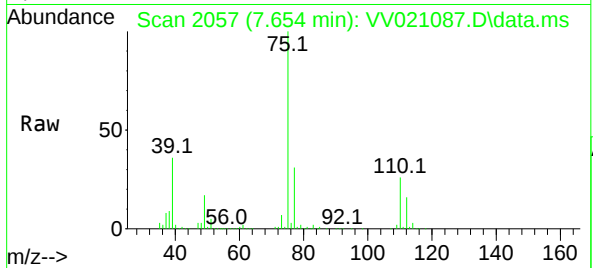




#44
trans-1,3-Dichloropropene
Concen: 52.28 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

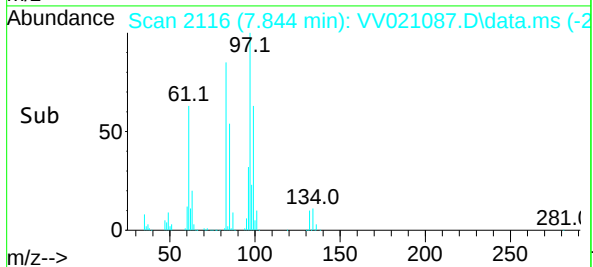
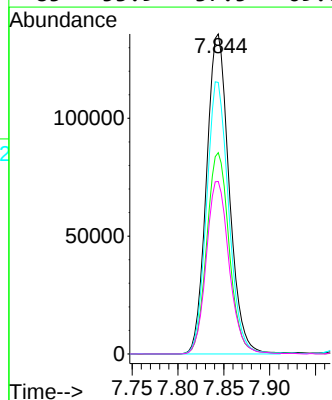
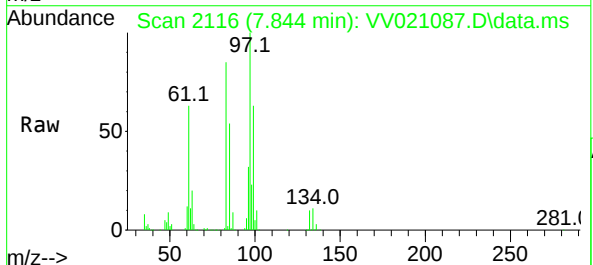
Instrument :
MSVOA_V
ClientSampled :

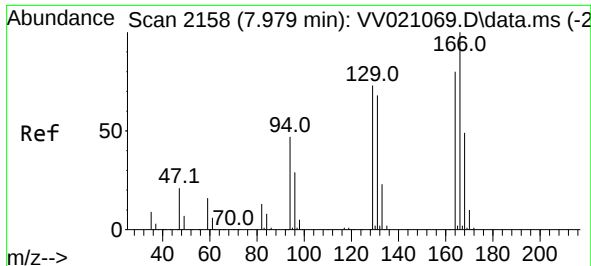
Tgt Ion: 75 Resp: 364740
Ion Ratio Lower Upper
75 100
77 30.8 21.8 40.6



#45
1,1,2-Trichloroethane
Concen: 52.00 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

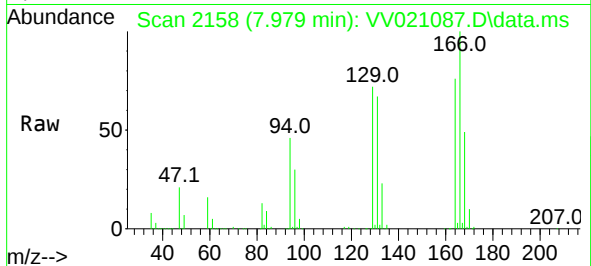
Tgt Ion: 97 Resp: 233454
Ion Ratio Lower Upper
97 100
99 62.9 43.7 81.1
83 84.9 59.6 110.6
85 53.9 37.5 69.6



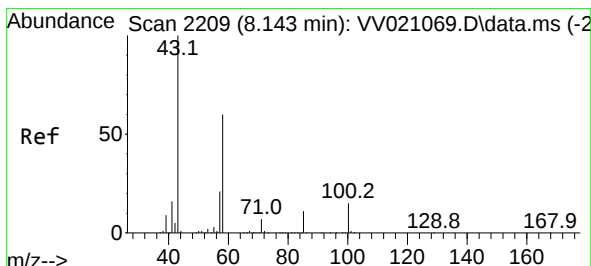
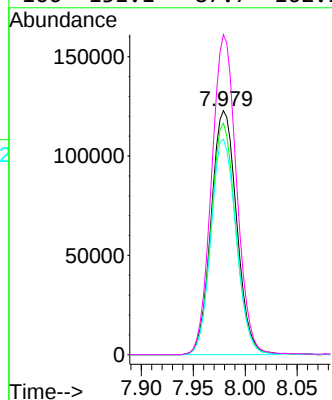
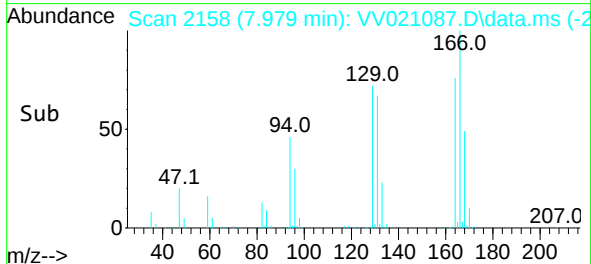


#46
Tetrachloroethene
Concen: 50.49 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

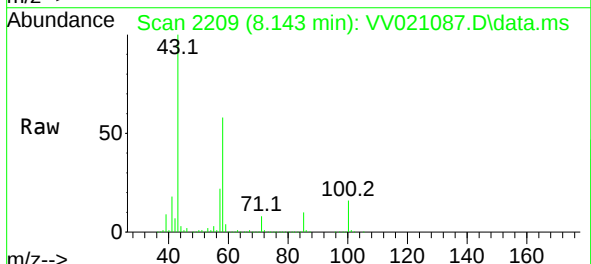
Instrument :
MSVOA_V
ClientSampleId :



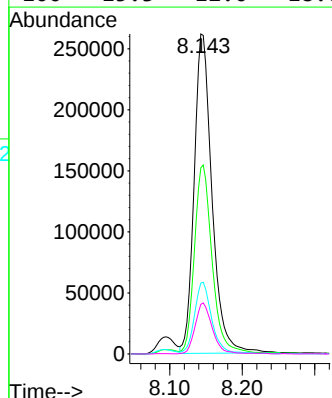
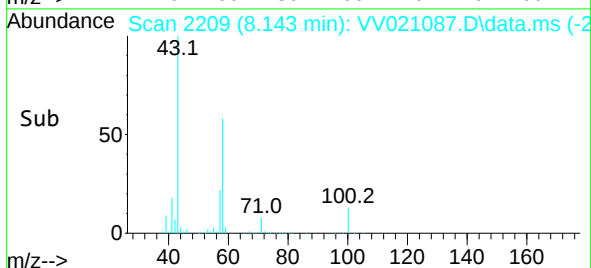
Tgt Ion:	164	Resp:	210309
Ion	Ratio	Lower	Upper
164	100		
129	94.9	63.8	118.4
131	88.3	59.3	110.1
166	131.1	87.7	162.9

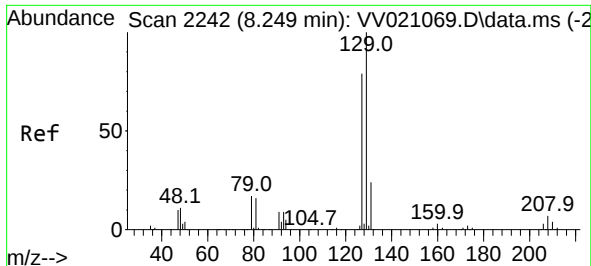


#48
2-Hexanone
Concen: 113.60 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44



Tgt Ion:	43	Resp:	446985
Ion	Ratio	Lower	Upper
43	100		
58	58.4	46.8	70.2
57	20.4	17.6	26.4
100	15.3	12.0	18.0





#49

Dibromochloromethane

Concen: 52.32 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VV021087.D

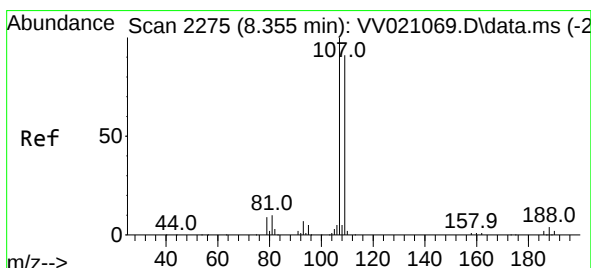
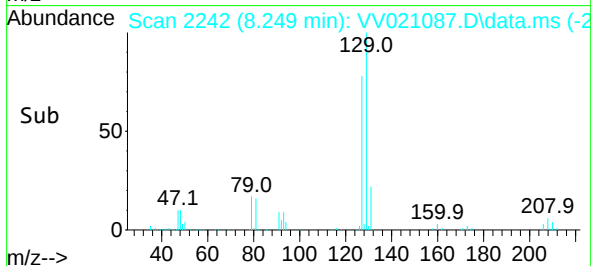
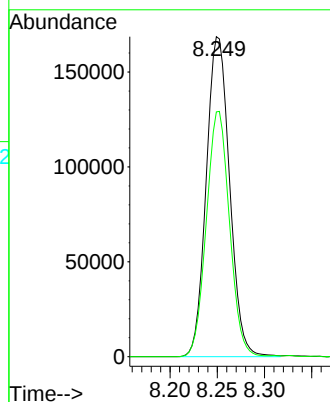
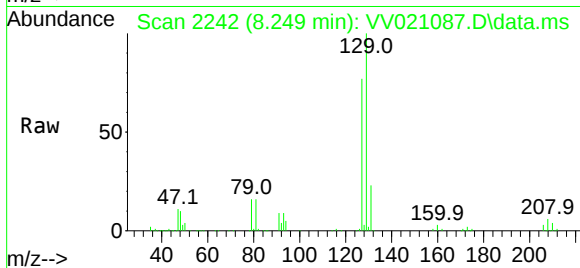
Acq: 21 Apr 2021 18:44

Tgt Ion:129 Resp: 289313

Ion Ratio Lower Upper

129 100

127 76.5 55.2 102.6



#50

1,2-Dibromoethane

Concen: 52.83 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. -0.000 min

Lab File: VV021087.D

Acq: 21 Apr 2021 18:44

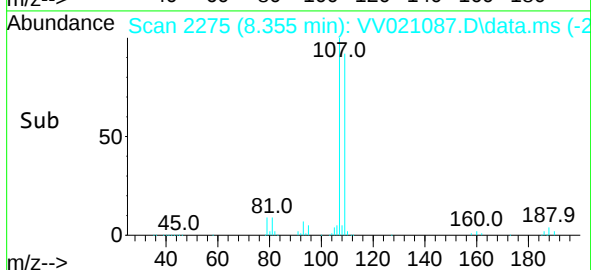
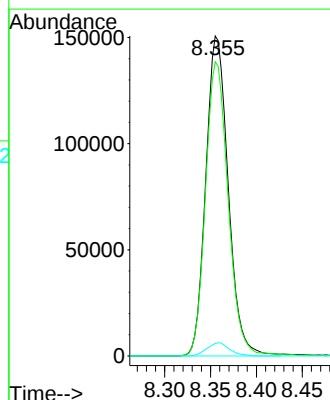
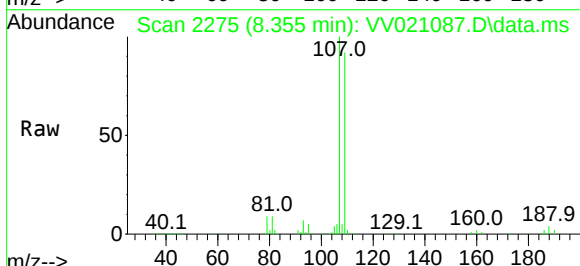
Tgt Ion:107 Resp: 256413

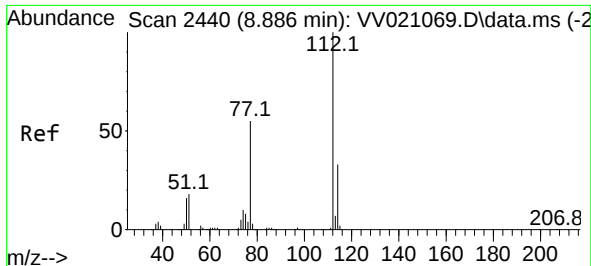
Ion Ratio Lower Upper

107 100

109 92.0 63.8 118.6

188 3.9 3.4 5.0

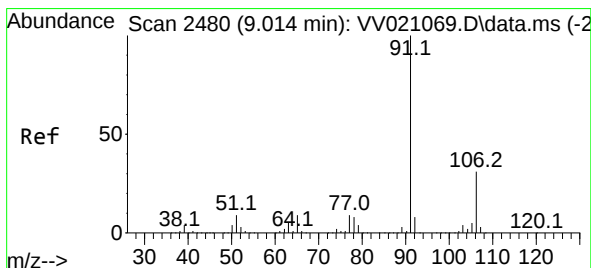
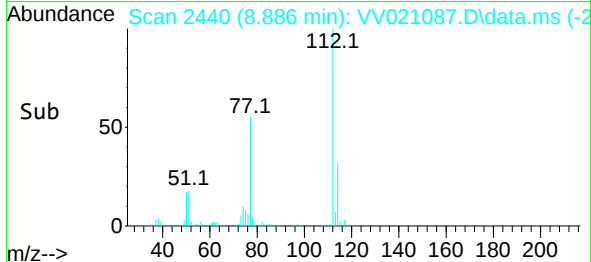
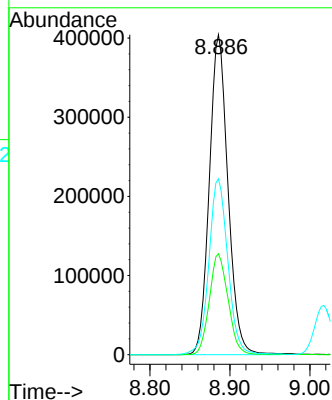
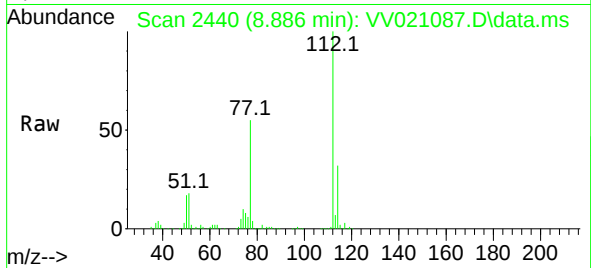




#51
Chlorobenzene
Concen: 51.55 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

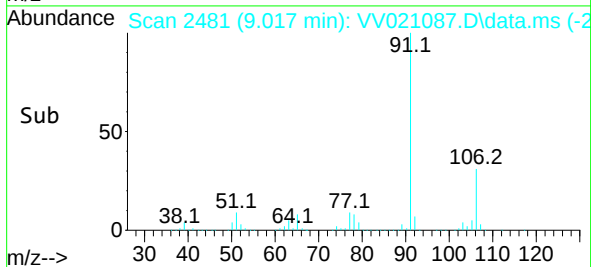
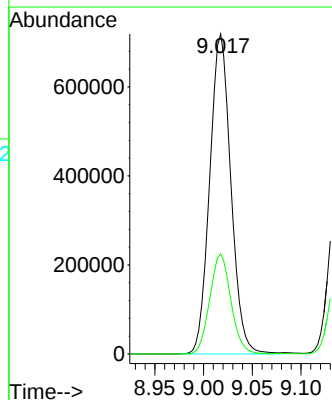
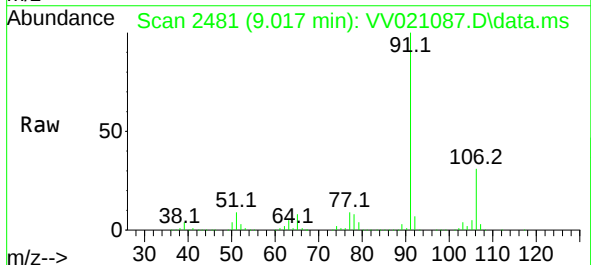
Instrument :
MSVOA_V
ClientSampled :

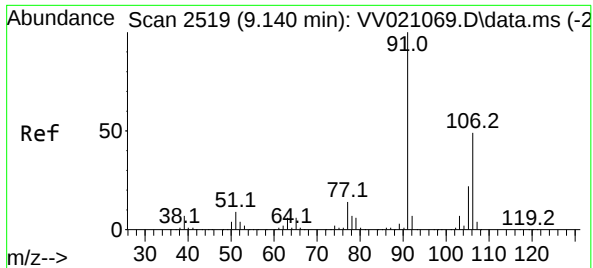
Tgt Ion:112 Resp: 655029
Ion Ratio Lower Upper
112 100
114 31.6 22.8 42.4
77 54.9 44.2 66.2



#52
Ethylbenzene
Concen: 53.07 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 91 Resp: 1087033
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.4

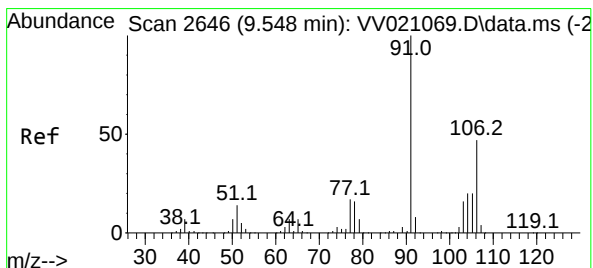
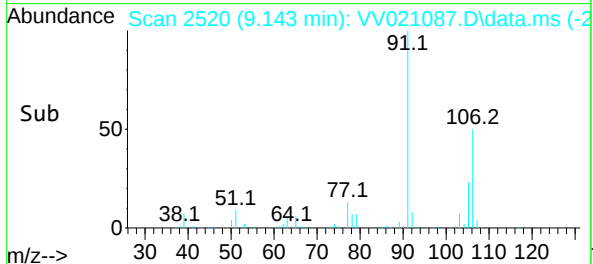
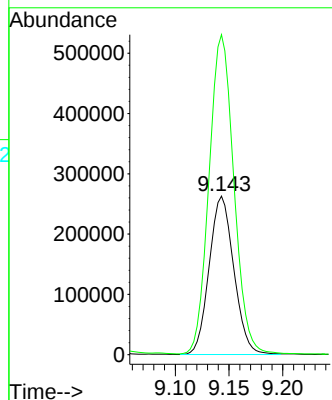
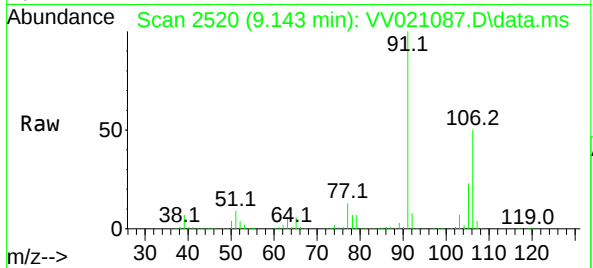




#53
m,p-Xylene
Concen: 53.65 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

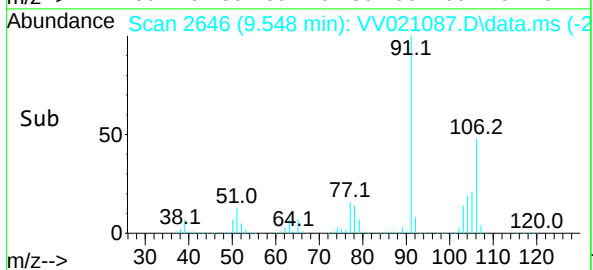
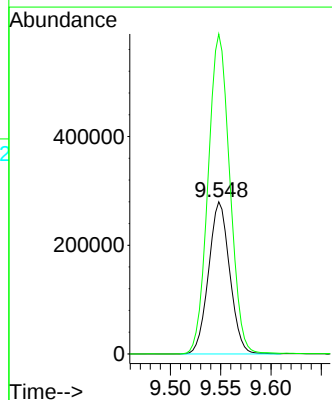
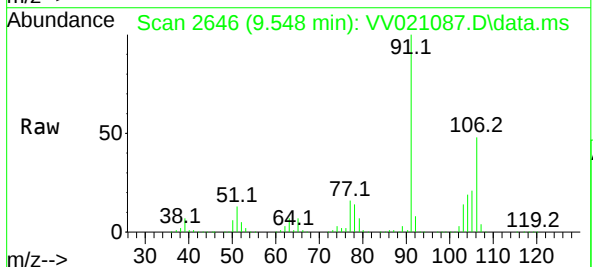
Instrument :
MSVOA_V
ClientSampled :

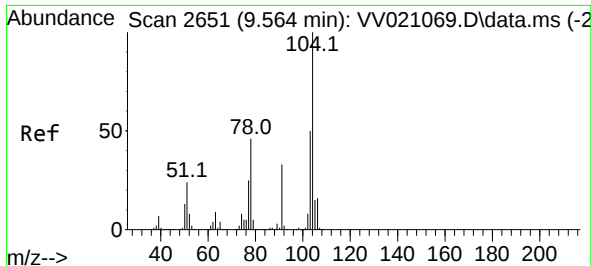
Tgt Ion:106 Resp: 418807
Ion Ratio Lower Upper
106 100
91 201.8 144.3 267.9



#54
o-Xylene
Concen: 53.38 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion:106 Resp: 409279
Ion Ratio Lower Upper
106 100
91 210.4 150.4 279.4

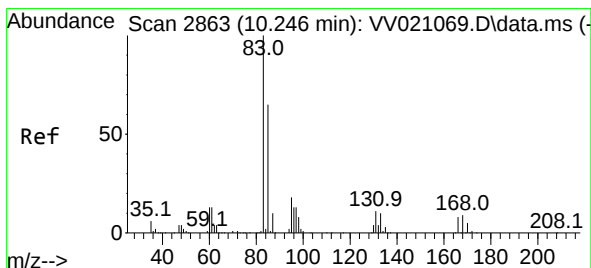
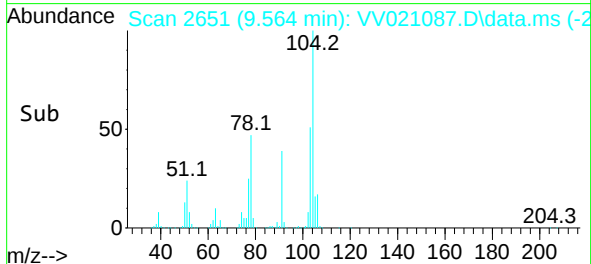
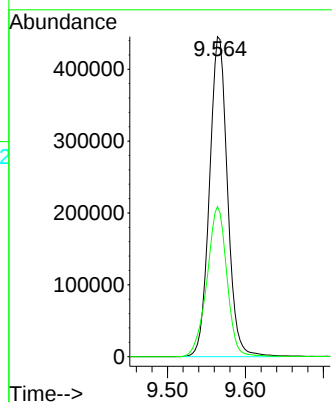
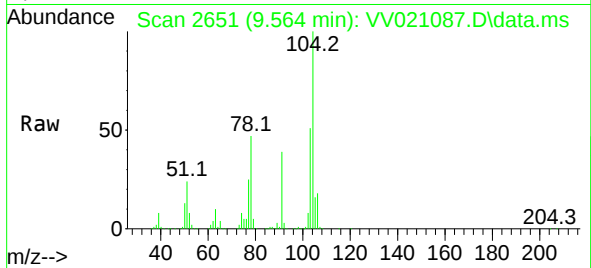




#55
Styrene
Concen: 55.23 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

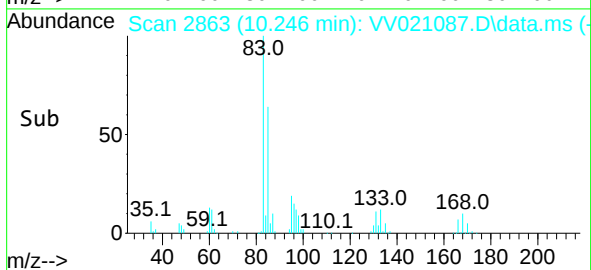
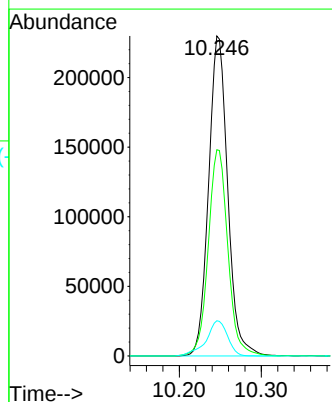
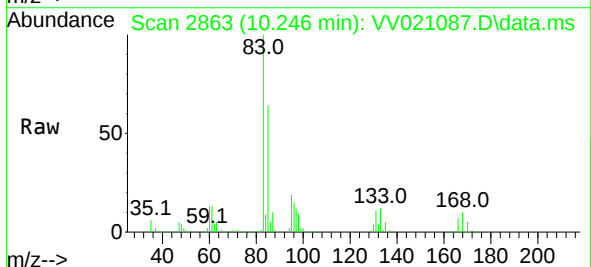
Instrument :
MSVOA_V
ClientSampled :

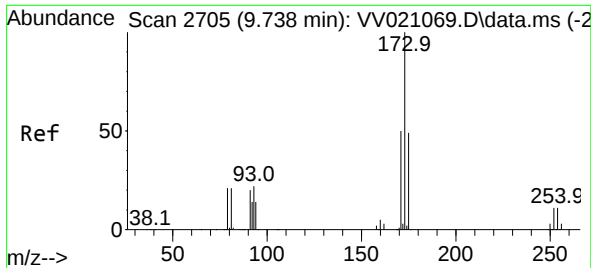
Tgt Ion:104 Resp: 715405
Ion Ratio Lower Upper
104 100
78 46.9 32.4 60.2



#57
1,1,2,2-Tetrachloroethane
Concen: 52.25 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 83 Resp: 372835
Ion Ratio Lower Upper
83 100
85 64.4 45.8 85.0
131 11.0 8.8 13.2

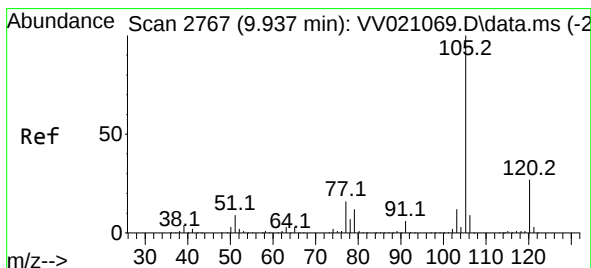
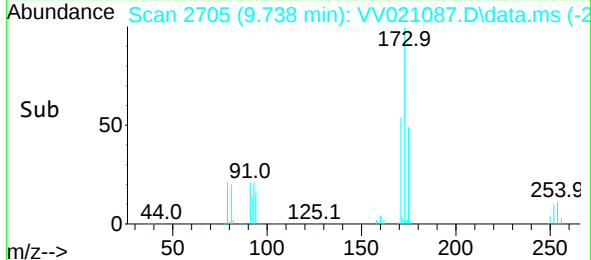
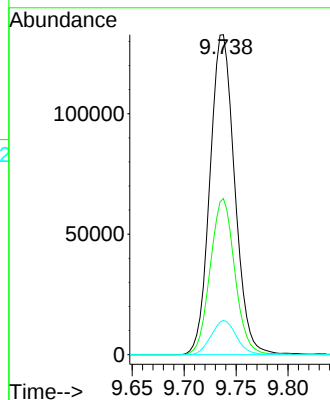
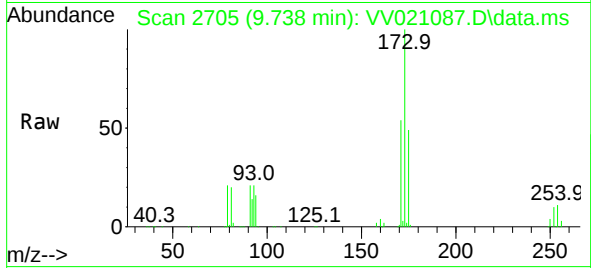




#59
Bromoform
Concen: 51.85 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

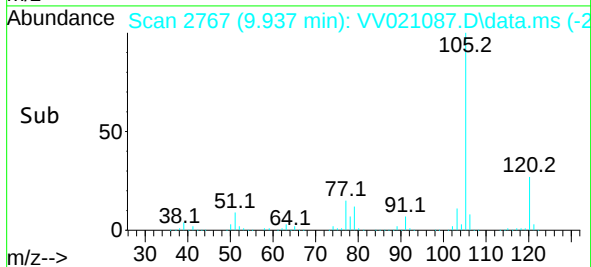
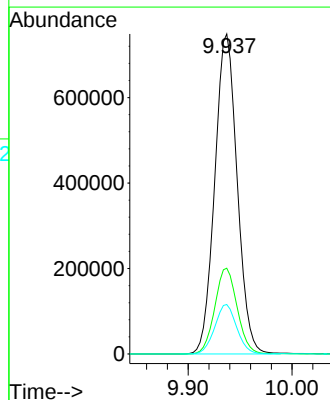
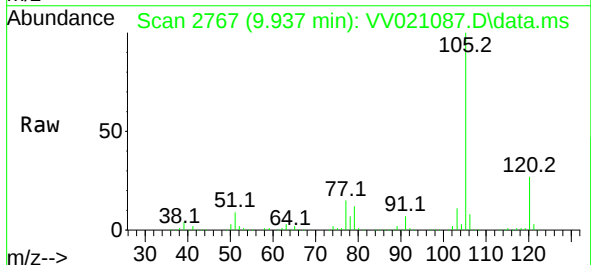
Instrument :
MSVOA_V
ClientSampled :

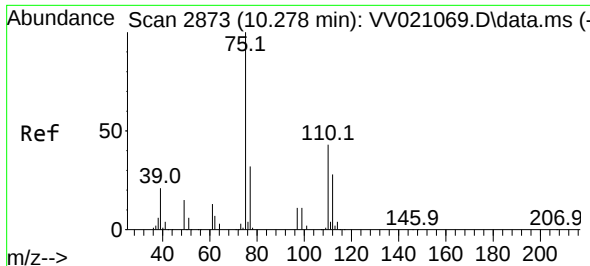
Tgt Ion:173 Resp: 220104
Ion Ratio Lower Upper
173 100
175 48.5 38.9 58.3
254 10.8 8.3 12.5



#60
Isopropylbenzene
Concen: 54.20 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion:105 Resp: 1122000
Ion Ratio Lower Upper
105 100
120 26.8 21.8 32.6
77 15.1 12.9 19.3

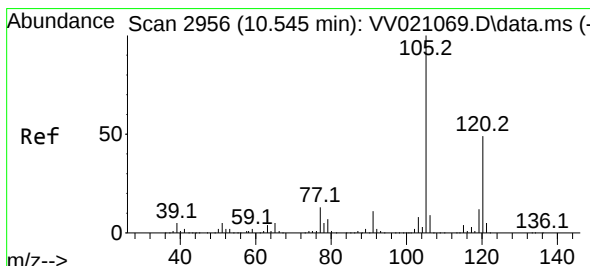
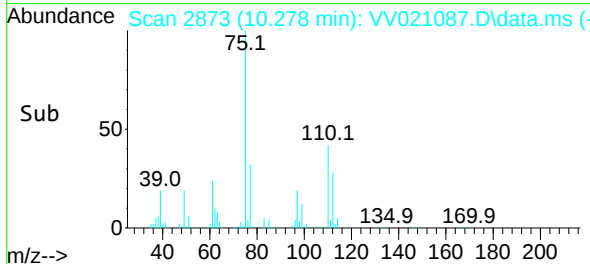
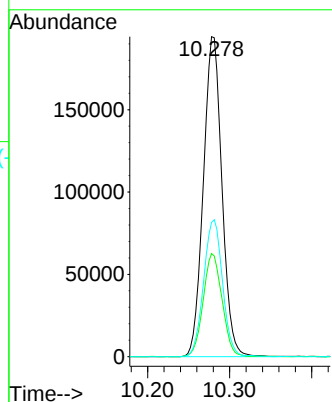
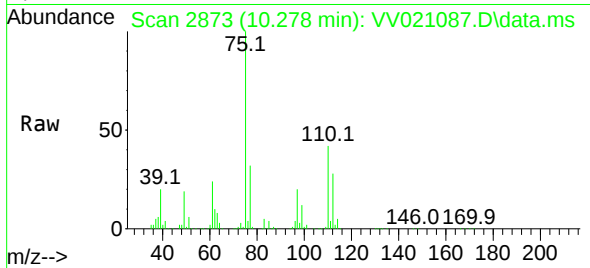




#61
1,2,3-Trichloropropane
Concen: 52.58 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

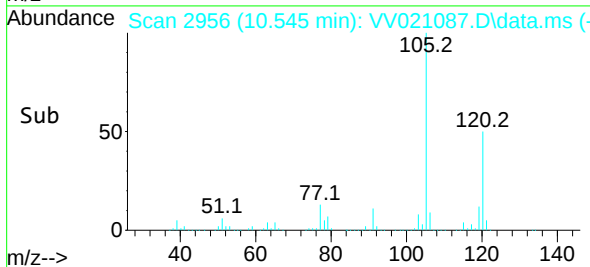
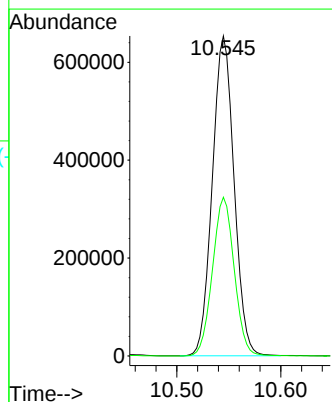
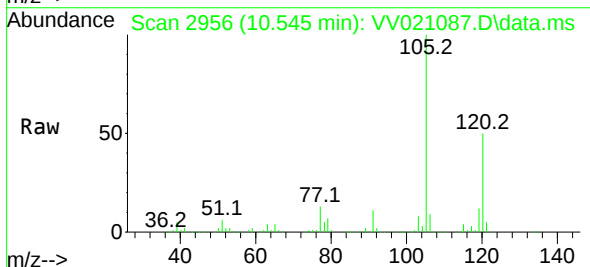
Instrument :
MSVOA_V
ClientSampleId :

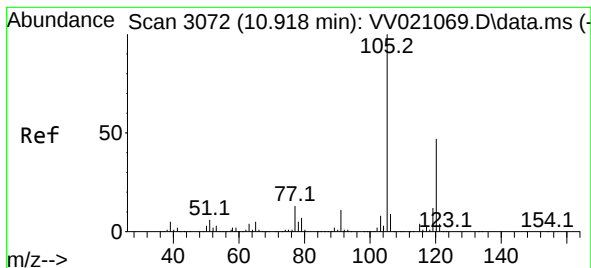
Tgt Ion: 75 Resp: 307006
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
110 43.3 34.9 52.3



#62
1,3,5-Trimethylbenzene
Concen: 53.98 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 105 Resp: 948915
Ion Ratio Lower Upper
105 100
120 49.6 38.9 58.3

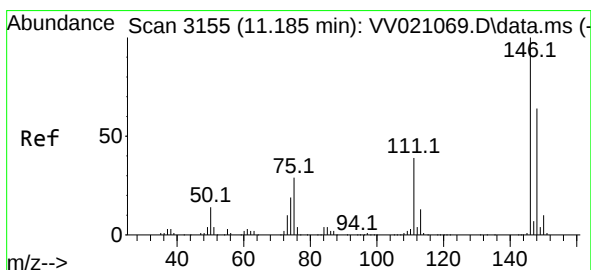
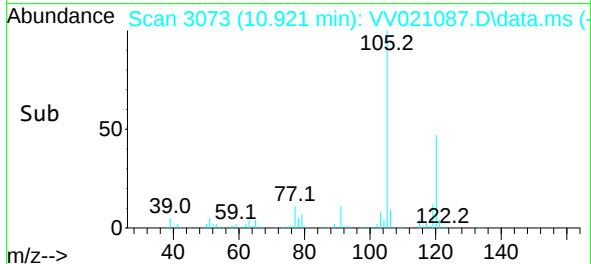
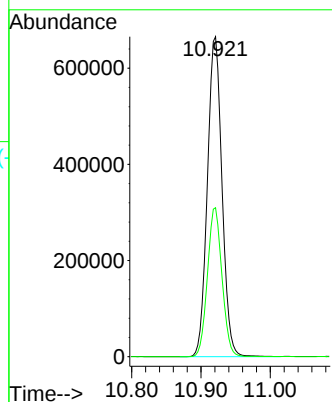
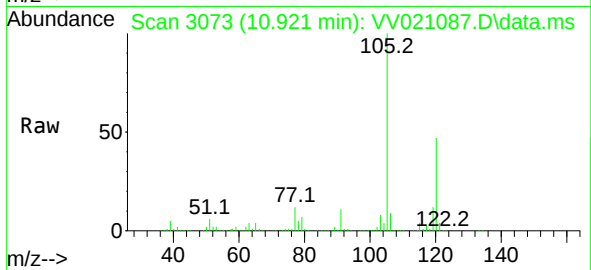




#63
1,2,4-Trimethylbenzene
Concen: 55.43 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.003 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

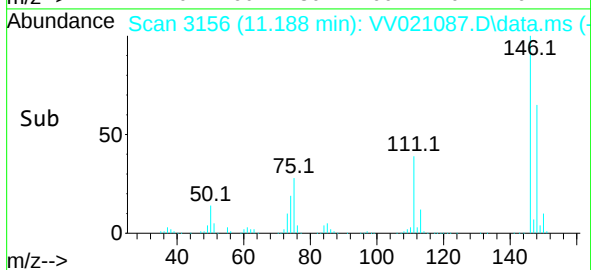
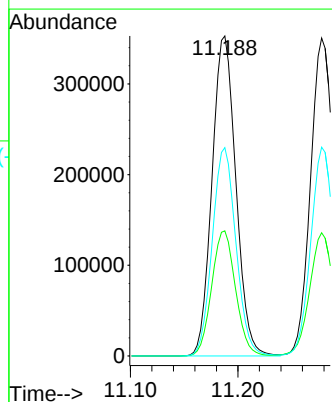
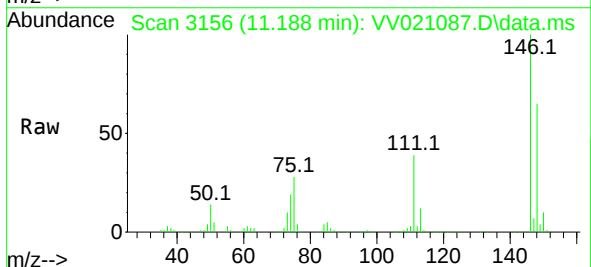
Instrument :
MSVOA_V
ClientSampled :

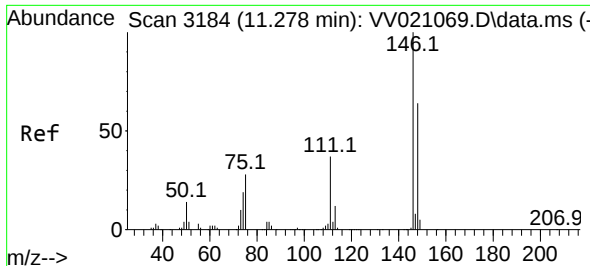
Tgt Ion:105 Resp: 971693
Ion Ratio Lower Upper
105 100
120 46.3 37.7 56.5



#64
1,3-Dichlorobenzene
Concen: 52.75 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion:146 Resp: 543895
Ion Ratio Lower Upper
146 100
111 39.1 27.6 51.2
148 65.1 45.1 83.7

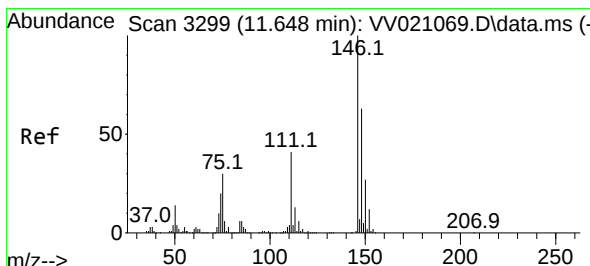
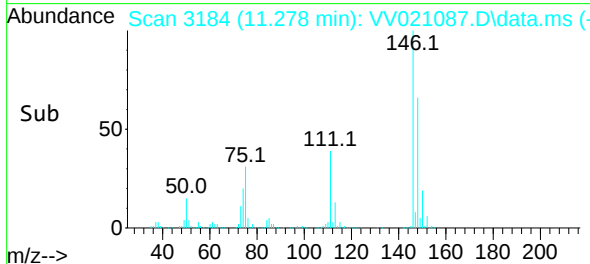
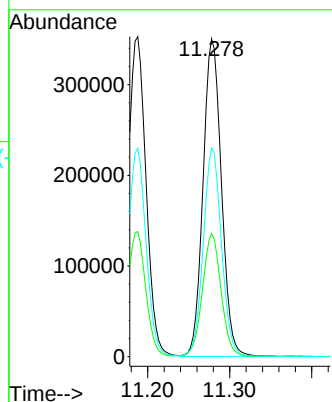
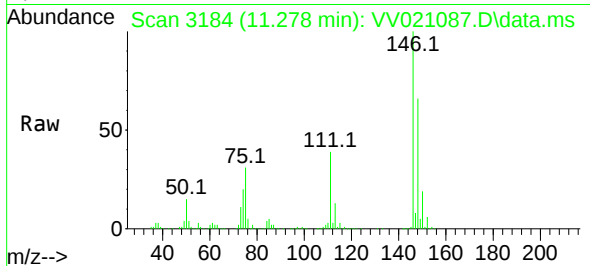




#65
1,4-Dichlorobenzene
Concen: 51.40 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

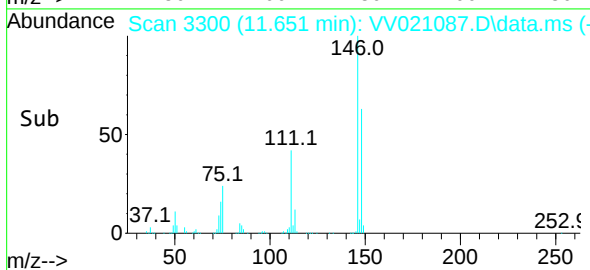
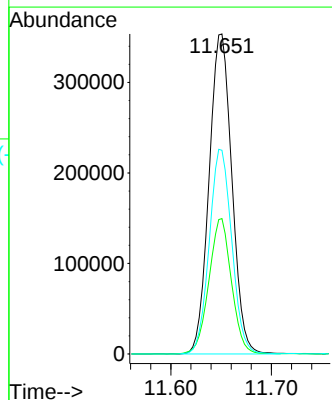
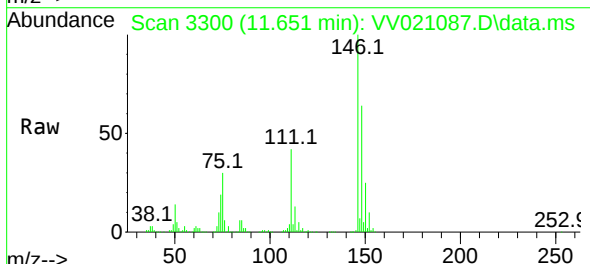
Instrument :
MSVOA_V
ClientSampleId :

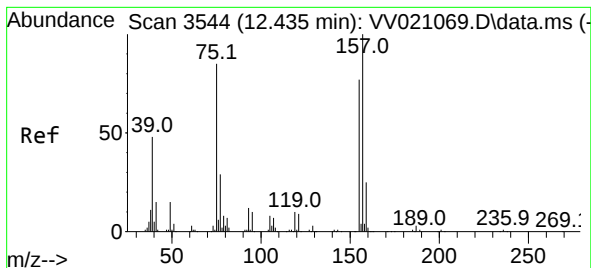
Tgt Ion:146 Resp: 544544
Ion Ratio Lower Upper
146 100
111 38.8 26.3 48.9
148 65.7 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 52.28 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion:146 Resp: 556466
Ion Ratio Lower Upper
146 100
111 42.3 33.2 49.8
148 63.6 50.6 75.8

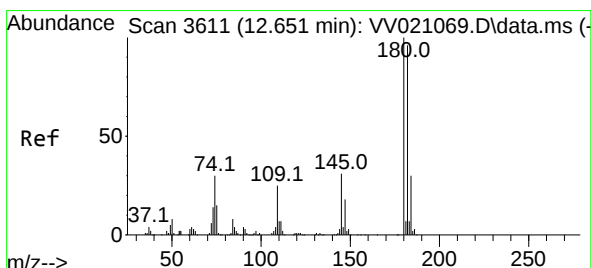
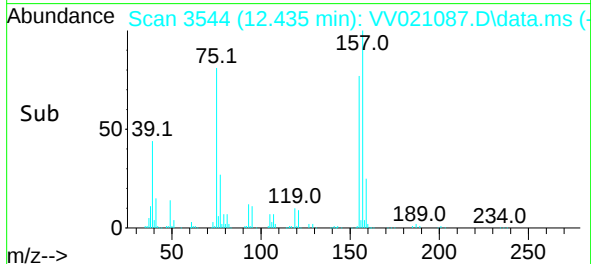
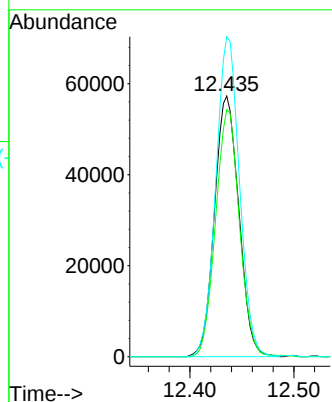
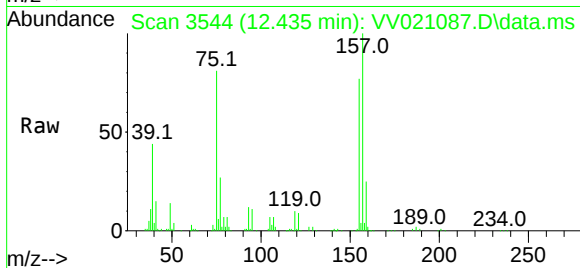




#68
1,2-Dibromo-3-chloropropane
Concen: 53.25 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

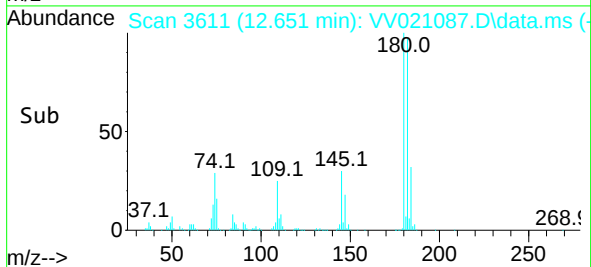
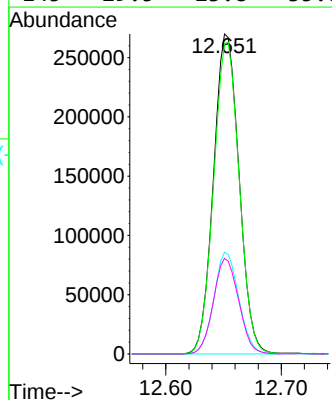
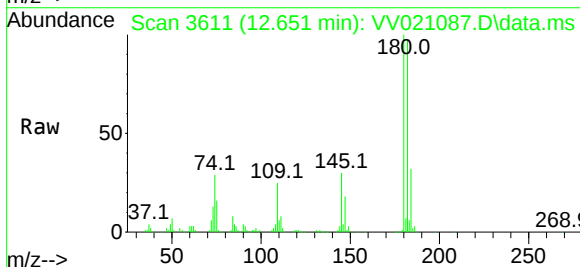
Instrument :
MSVOA_V
ClientSampleId :

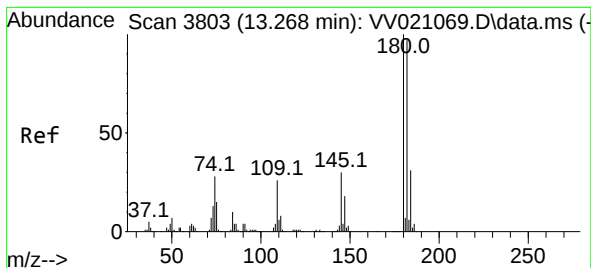
Tgt Ion: 75 Resp: 93190
Ion Ratio Lower Upper
75 100
155 94.8 72.8 109.2
157 122.8 94.6 142.0



#69
1,3,5-Trichlorobenzene
Concen: 51.67 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 180 Resp: 414388
Ion Ratio Lower Upper
180 100
182 97.3 77.4 116.0
184 31.0 24.1 36.1
145 29.5 23.8 35.8

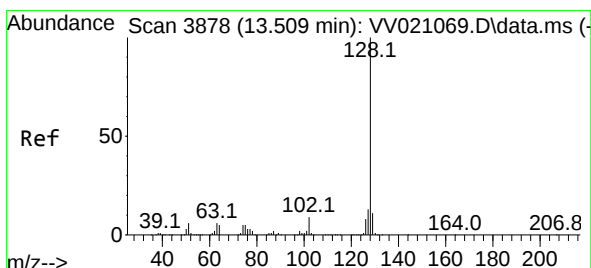
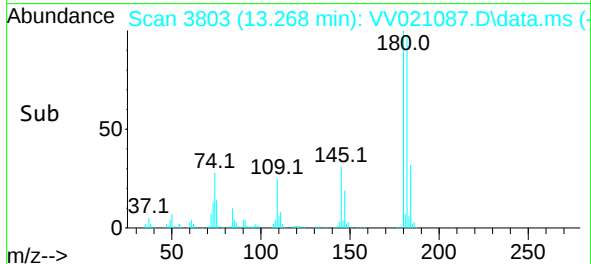
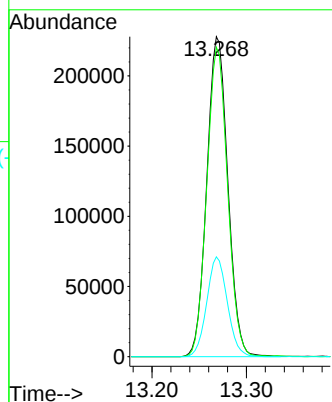
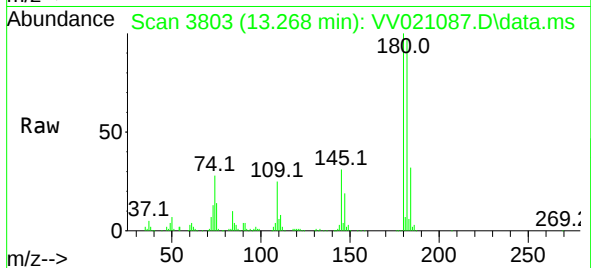




#70
1,2,4-trichlorobenzene
Concen: 53.68 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

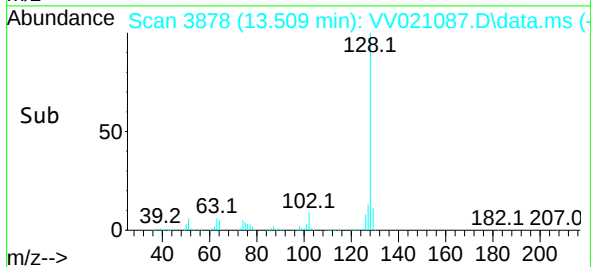
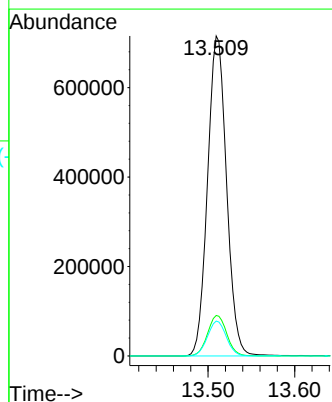
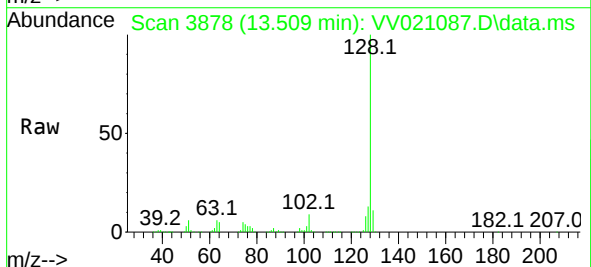
Instrument :
MSVOA_V
ClientSampleId :

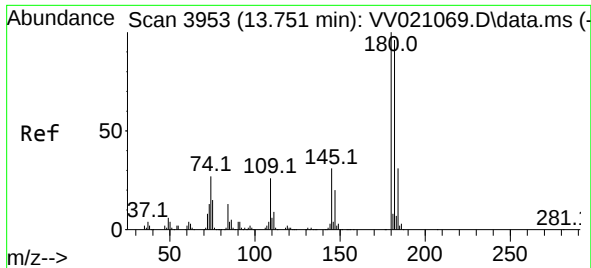
Tgt Ion:180 Resp: 352873
Ion Ratio Lower Upper
180 100
182 95.6 77.5 116.3
145 30.5 24.3 36.5



#71
Naphthalene
Concen: 59.54 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV021087.D
Acq: 21 Apr 2021 18:44

Tgt Ion:128 Resp: 1090139
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 55.45 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. -0.000 min
 Lab File: VV021087.D
 Acq: 21 Apr 2021 18:44

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 371904
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.9 113.9
 145 31.3 25.0 37.6

