

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042621\
 Data File : VW021161.D
 Acq On : 26 Apr 2021 22:42
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 04:21:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 27 04:16:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	698697	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	699154	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	392290	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	277687	48.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.74%
7) Chloroethane-d5	1.568	69	204913	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.04%
11) 1,1-Dichloroethene-d2	2.111	63	507749	47.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.90%
21) 2-Butanone-d5	3.908	46	307641	109.73	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.73%
24) Chloroform-d	4.352	84	503977	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	5.037	65	330474	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.58%
32) Benzene-d6	5.053	84	917576	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
36) 1,2-Dichloropropane-d6	6.072	67	270612	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.38%
41) Toluene-d8	7.320	98	907752	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%
43) trans-1,3-Dichloroprop...	7.625	79	151924	50.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.04%
47) 2-Hexanone-d5	8.095	63	243765	110.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.58%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	409857	48.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.78%
66) 1,2-Dichlorobenzene-d4	11.632	152	390050	50.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.66%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	324054	45.94	ug/L	99
3) Chloromethane	1.243	50	276746	45.58	ug/L	99
5) Vinyl chloride	1.310	62	296967	47.78	ug/L	100
6) Bromomethane	1.523	94	200323	47.84	ug/L	99
8) Chloroethane	1.587	64	184841	50.41	ug/L	96
9) Trichlorofluoromethane	1.754	101	541289	48.87	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	262577	47.80	ug/L	99
12) 1,1-Dichloroethene	2.117	96	243805	48.88	ug/L	98
14) Carbon disulfide	2.294	76	648061	47.37	ug/L	100
15) Methyl Acetate	2.442	43	231528	53.46	ug/L	99
16) Methylene chloride	2.510	84	254825	48.99	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	237650	49.59	ug/L	95
18) Methyl tert-butyl Ether	2.773	73	772169	52.49	ug/L	99
19) 1,1-Dichloroethane	3.191	63	440375	50.92	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	261106	51.05	ug/L	99
22) 2-Butanone	3.992	43	318006	104.85	ug/L	97
23) Bromochloromethane	4.252	128	151932	51.54	ug/L	98
25) Chloroform	4.378	83	498636	51.23	ug/L	100
27) 1,2-Dichloroethane	5.137	62	398342	51.40	ug/L	100

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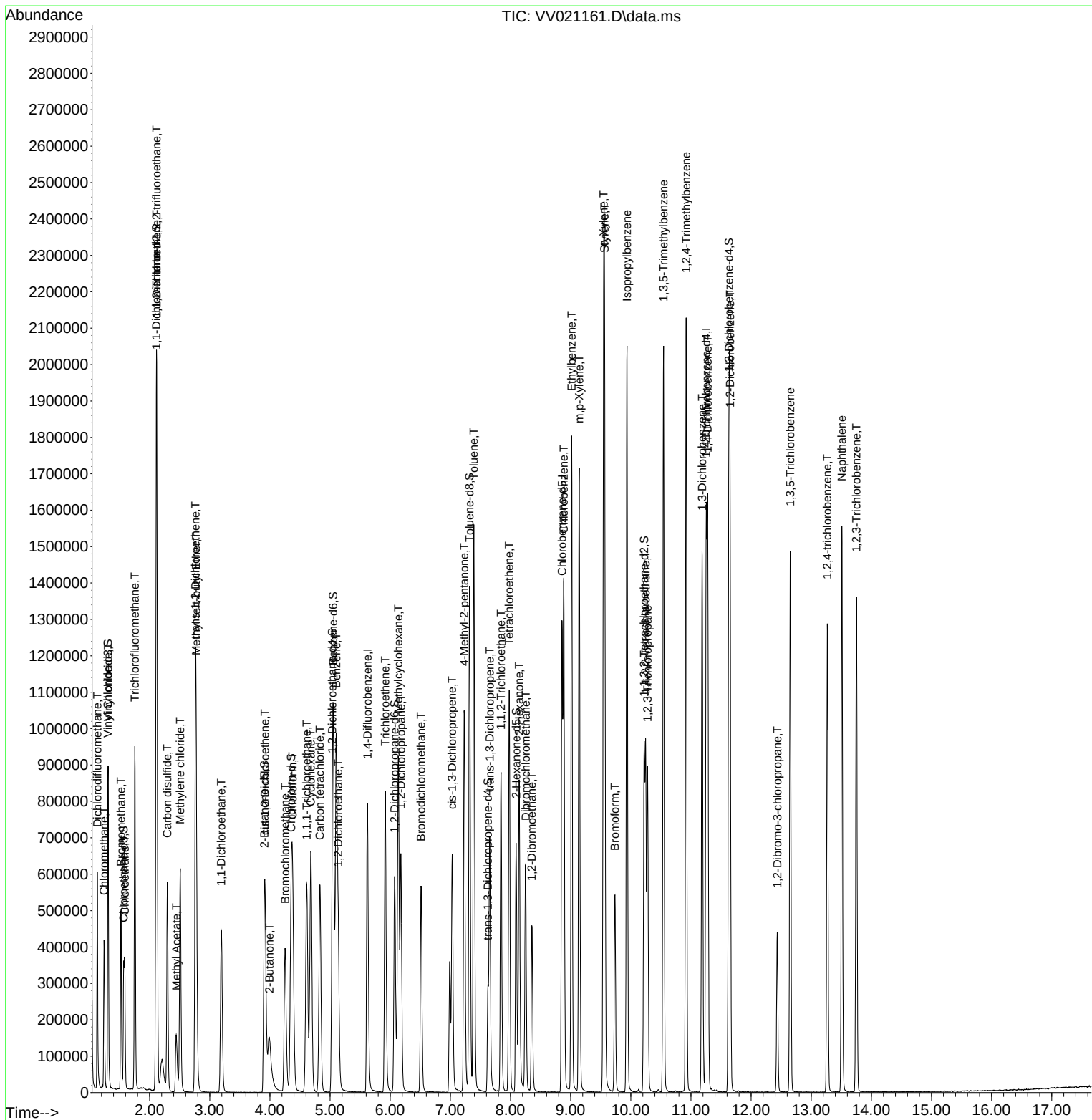
Instrument :
 MSVOA_V
 ClientSampleId :

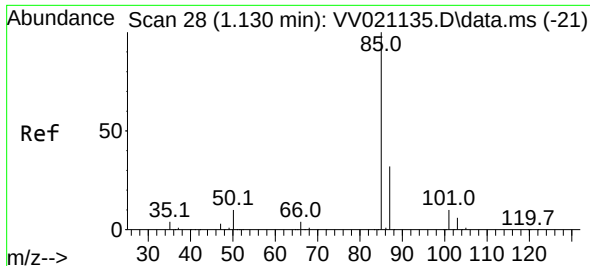
Quant Time: Apr 27 04:21:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 27 04:16:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	348671	49.00	ug/L	96
30) 1,1,1-Trichloroethane	4.613	97	479691	51.22	ug/L	99
31) Carbon tetrachloride	4.831	117	431841	49.92	ug/L	99
33) Benzene	5.104	78	995362	51.07	ug/L	100
34) Trichloroethene	5.918	95	275286	51.04	ug/L	98
35) Methylcyclohexane	6.137	83	406424	50.14	ug/L	97
37) 1,2-Dichloropropane	6.178	63	242119	50.57	ug/L	98
38) Bromodichloromethane	6.513	83	379409	50.86	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	404104	51.75	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	656787	113.50	ug/L	100
42) Toluene	7.391	91	1130479	52.83	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	412719	51.08	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	259447	49.90	ug/L	99
46) Tetrachloroethene	7.979	164	244202	50.62	ug/L	97
48) 2-Hexanone	8.143	43	515369	113.09	ug/L	99
49) Dibromochloromethane	8.252	129	326102	50.92	ug/L	96
50) 1,2-Dibromoethane	8.355	107	290693	51.71	ug/L	96
51) Chlorobenzene	8.886	112	746938	50.76	ug/L	99
52) Ethylbenzene	9.018	91	1238460	52.20	ug/L	100
53) m,p-Xylene	9.143	106	471565	52.16	ug/L	96
54) o-Xylene	9.548	106	467749	52.67	ug/L	99
55) Styrene	9.564	104	829882	55.32	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	411036	49.74	ug/L	99
59) Bromoform	9.738	173	242683	50.47	ug/L	99
60) Isopropylbenzene	9.937	105	1273564	54.31	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	355890	53.81	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1090188	54.75	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	1101588	55.47	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	606786	51.94	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	630386	52.52	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	631554	52.37	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	107088	54.01	ug/L	95
69) 1,3,5-Trichlorobenzene	12.651	180	462974	50.96	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	393986	52.91	ug/L	98
71) Naphthalene	13.509	128	1209856	58.33	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	421625	55.49	ug/L	99

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

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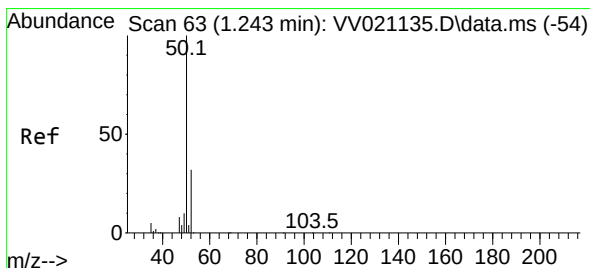
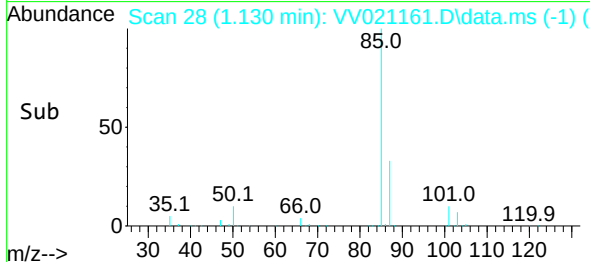
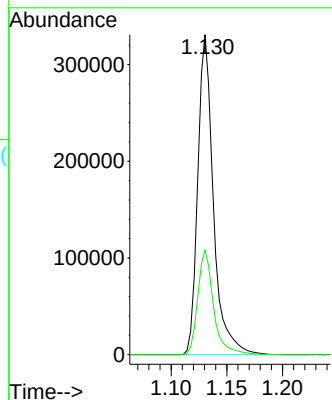
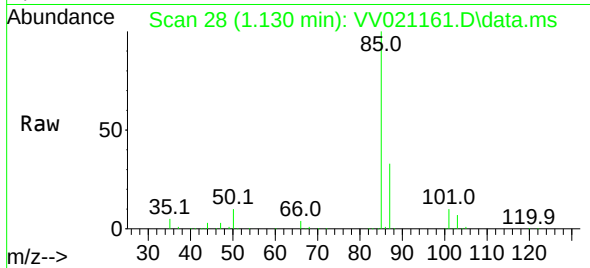




#2
 Dichlorodifluoromethane
 Concen: 45.94 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV021161.D
 Acq: 26 Apr 2021 22:42

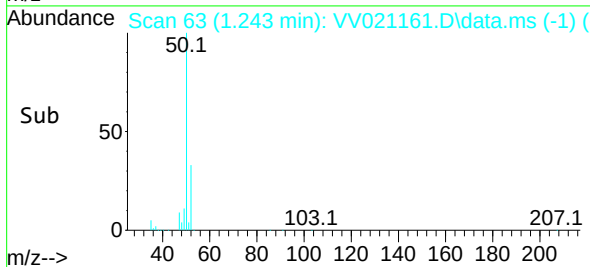
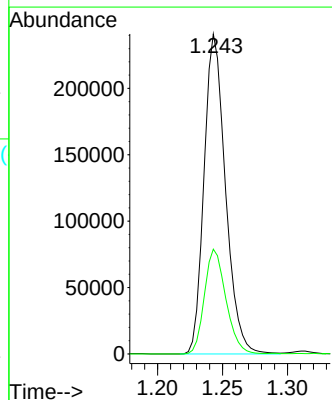
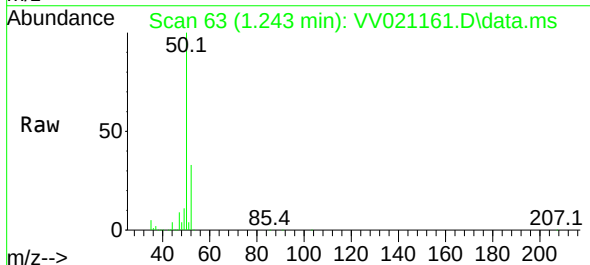
Instrument :
 MSVOA_V
 ClientSampled :

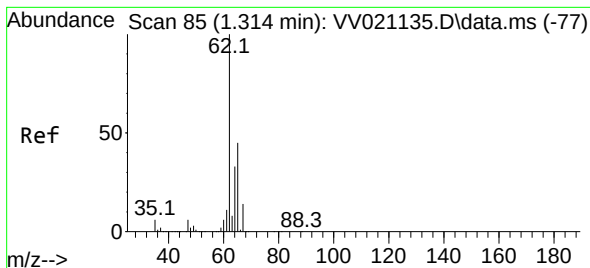
Tgt Ion: 85 Resp: 324054
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.8



#3
 Chloromethane
 Concen: 45.58 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV021161.D
 Acq: 26 Apr 2021 22:42

Tgt Ion: 50 Resp: 276746
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.1





#5

Vinyl chloride

Concen: 47.78 ug/L

RT: 1.310 min Scan# 84

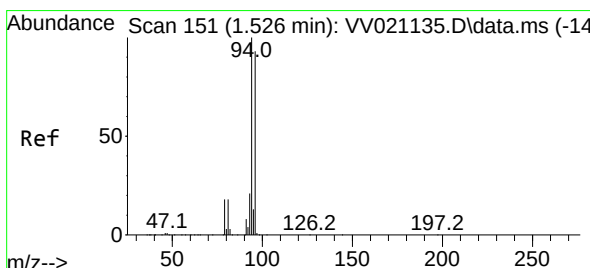
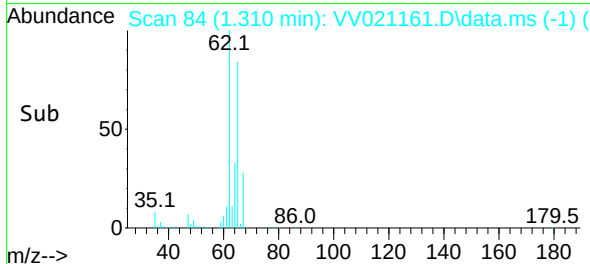
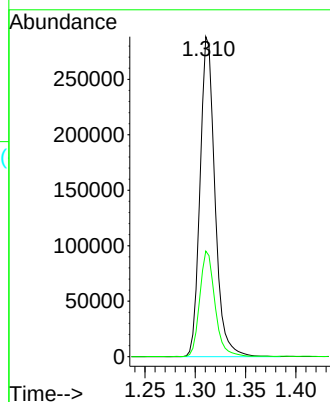
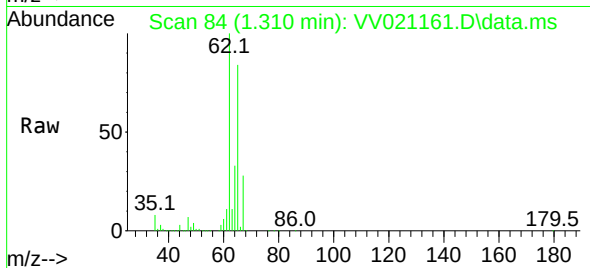
Delta R.T. -0.003 min

Lab File: VV021161.D

Acq: 26 Apr 2021 22:42

Tgt Ion: 62 Resp: 296967

Ion	Ratio	Lower	Upper
62	100		
64	33.0	23.2	43.2



#6

Bromomethane

Concen: 47.84 ug/L

RT: 1.523 min Scan# 150

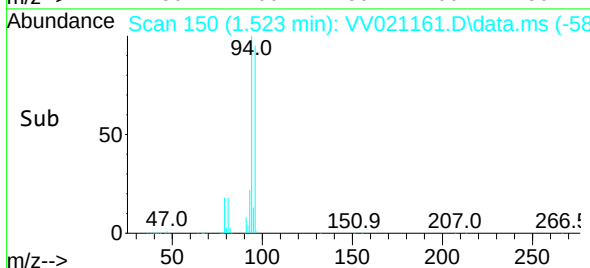
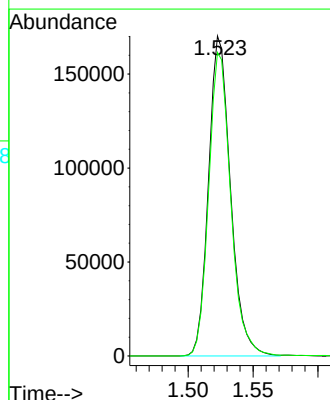
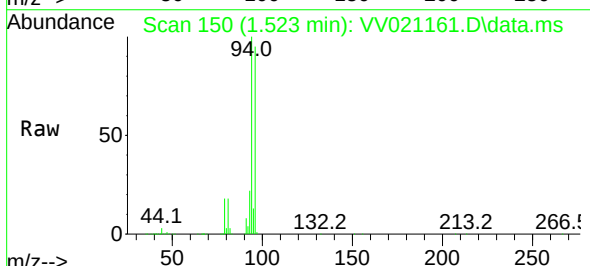
Delta R.T. -0.003 min

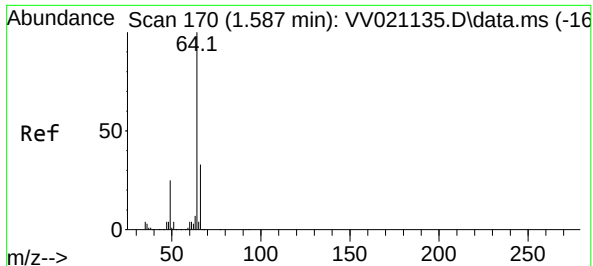
Lab File: VV021161.D

Acq: 26 Apr 2021 22:42

Tgt Ion: 94 Resp: 200323

Ion	Ratio	Lower	Upper
94	100		
96	94.9	65.7	122.1

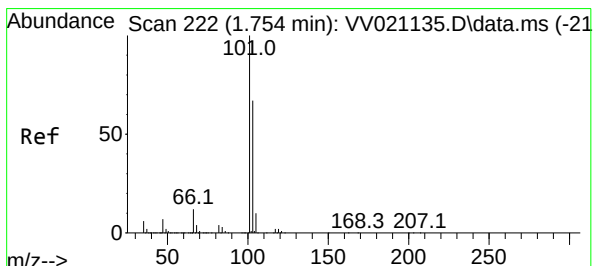
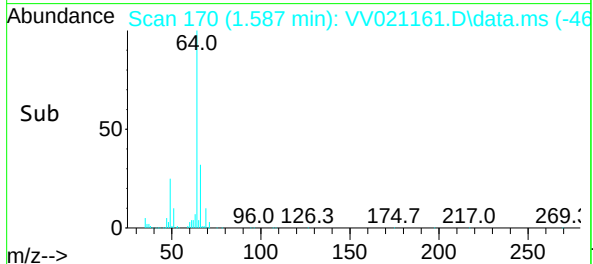
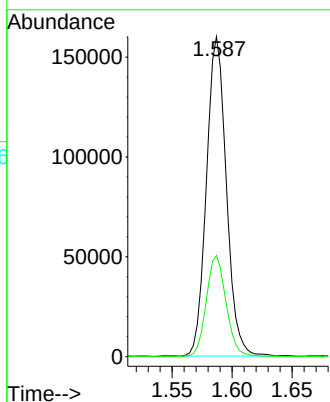
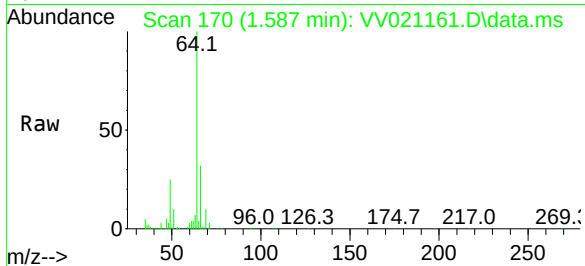




#8
Chloroethane
Concen: 50.41 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

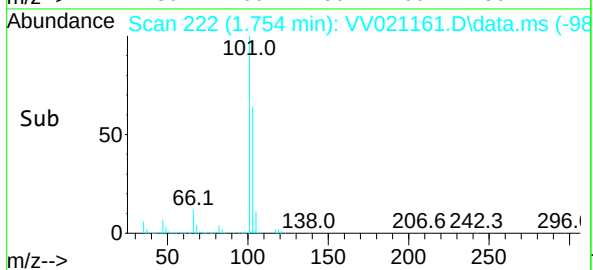
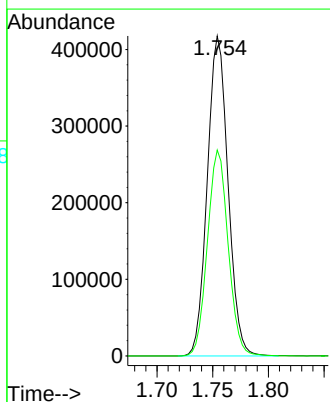
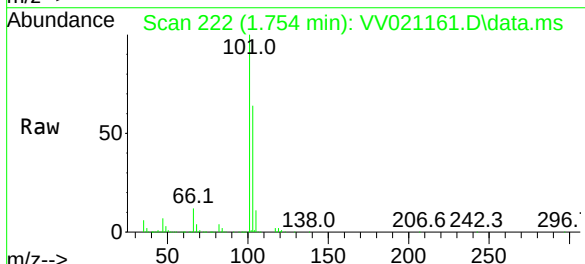
Instrument :
MSVOA_V
ClientSampled :

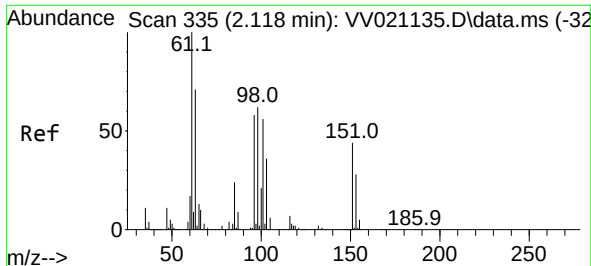
Tgt Ion: 64 Resp: 184841
Ion Ratio Lower Upper
64 100
66 31.6 23.7 43.9



#9
Trichlorofluoromethane
Concen: 48.87 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion: 101 Resp: 541289
Ion Ratio Lower Upper
101 100
103 64.4 53.0 79.6





#10

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

Concen: 47.80 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV021161.D

Acq: 26 Apr 2021 22:42

Tgt Ion:101 Resp: 262577

Ion Ratio Lower Upper

101 100

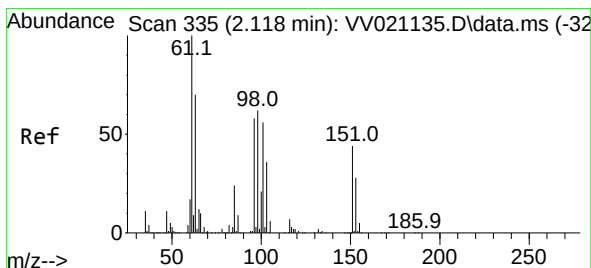
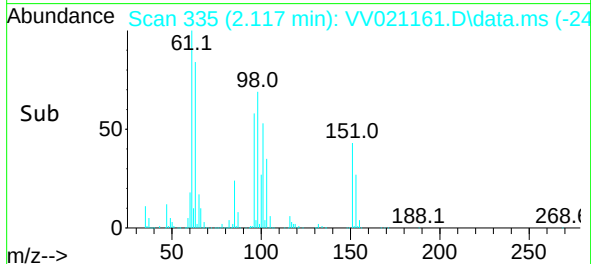
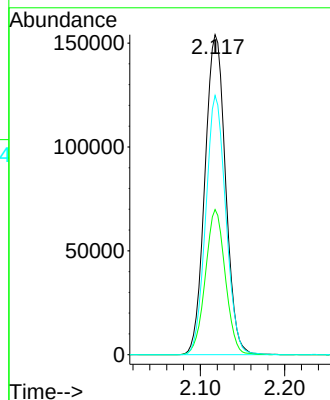
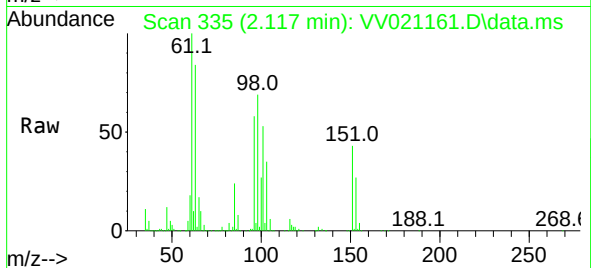
85 44.0 35.4 53.2

151 78.9 63.9 95.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 48.88 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV021161.D

Acq: 26 Apr 2021 22:42

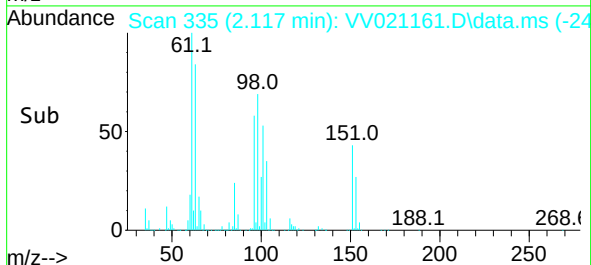
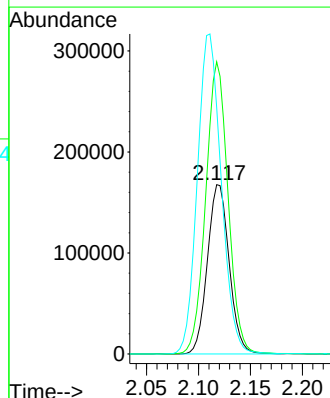
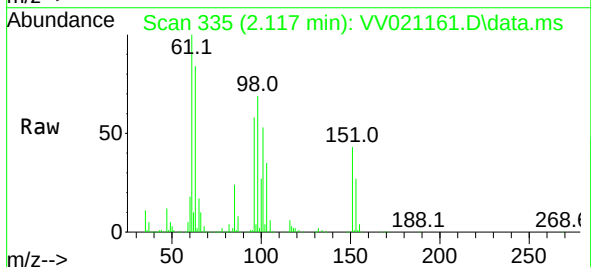
Tgt Ion: 96 Resp: 243805

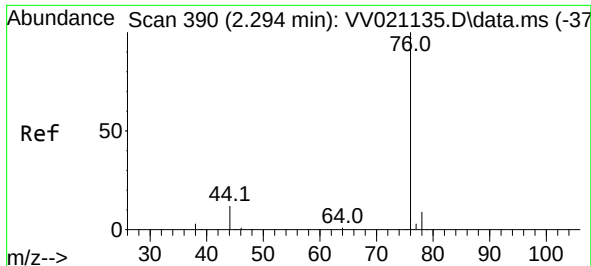
Ion Ratio Lower Upper

96 100

61 172.7 121.4 225.6

63 145.7 98.1 182.1

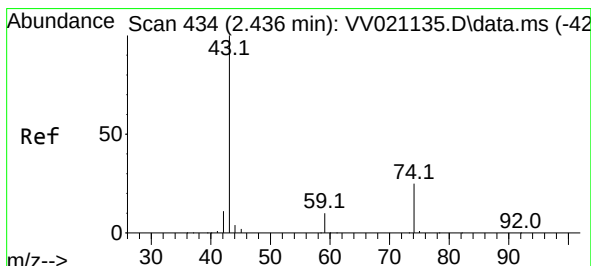
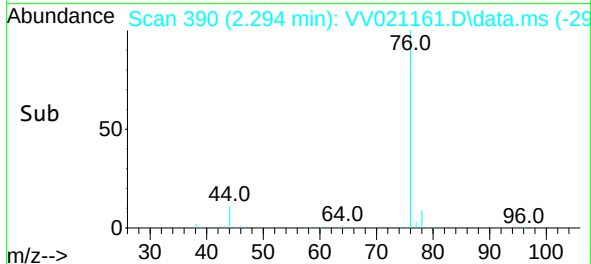
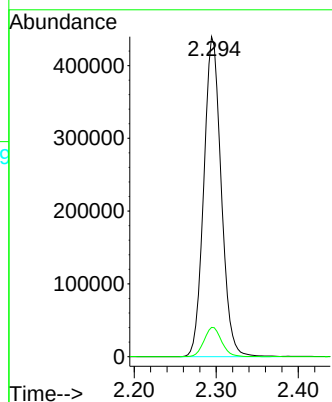
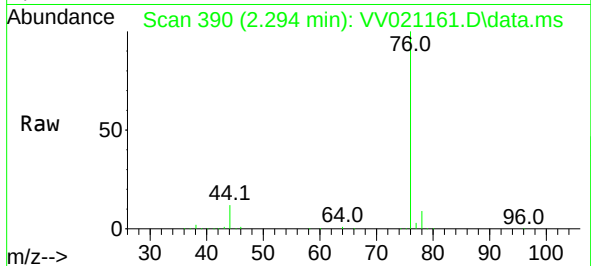




#14
Carbon disulfide
Concen: 47.37 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

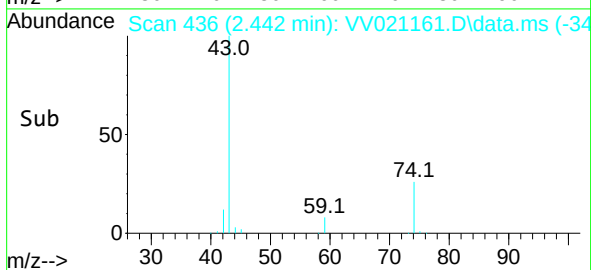
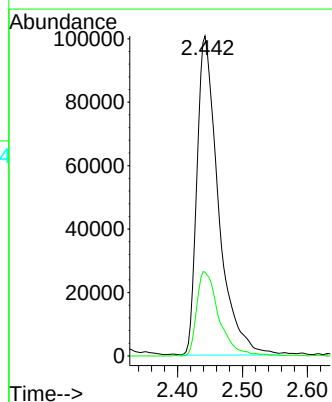
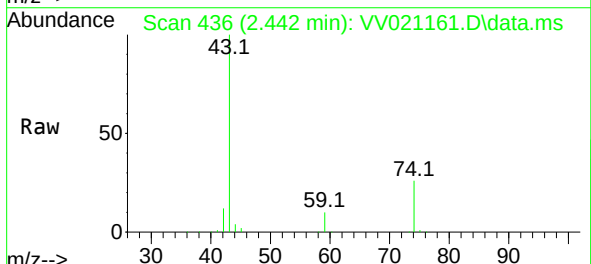
Instrument :
MSVOA_V
ClientSampled :

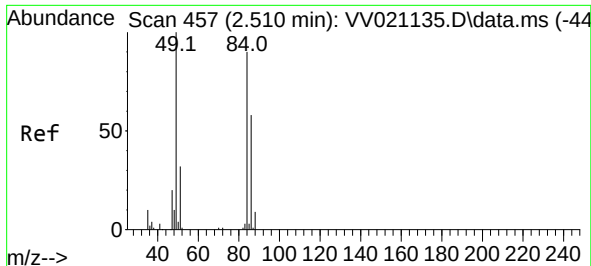
Tgt Ion: 76 Resp: 648061
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#15
Methyl Acetate
Concen: 53.46 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.006 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

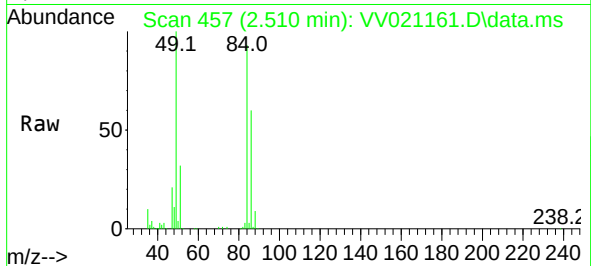
Tgt Ion: 43 Resp: 231528
Ion Ratio Lower Upper
43 100
74 26.9 21.2 31.8



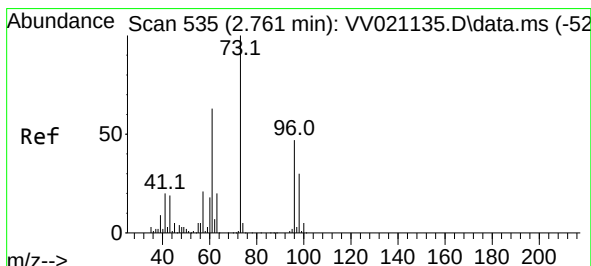
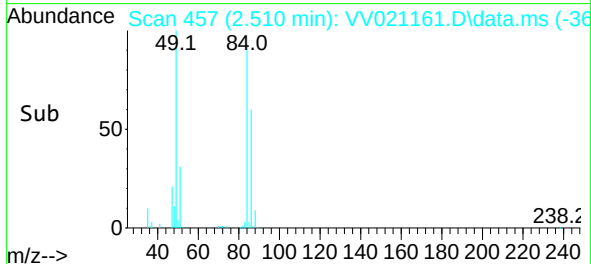
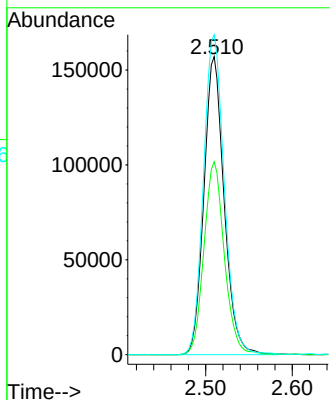


#16
Methylene chloride
Concen: 48.99 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Instrument :
MSVOA_V
ClientSampled :

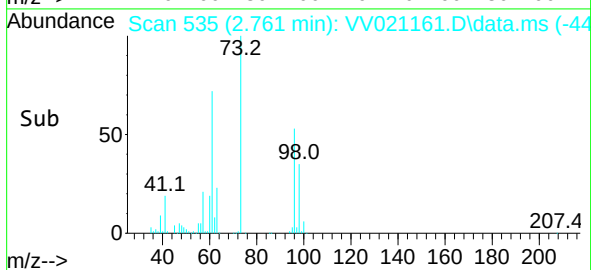
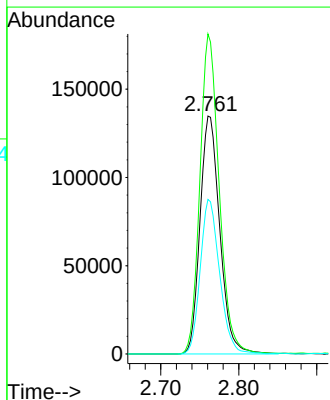
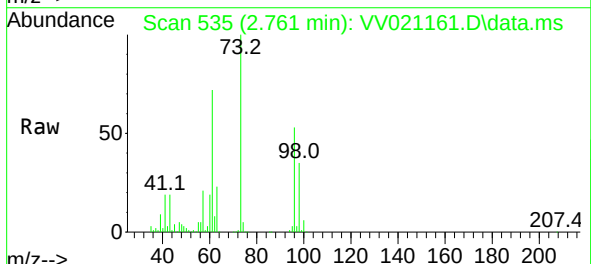


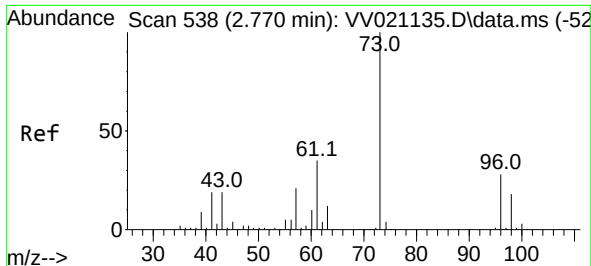
Tgt Ion: 84 Resp: 254825
Ion Ratio Lower Upper
84 100
86 64.7 44.9 83.5
49 107.4 78.1 145.1



#17
trans-1,2-Dichloroethene
Concen: 49.59 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

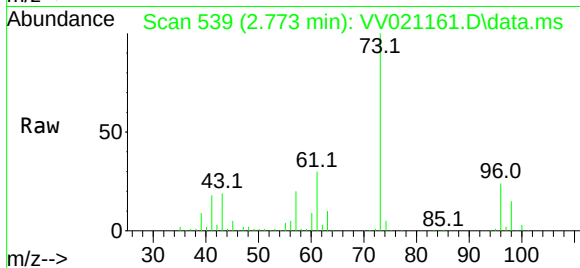
Tgt Ion: 96 Resp: 237650
Ion Ratio Lower Upper
96 100
61 134.5 89.3 165.9
98 65.0 44.1 81.9



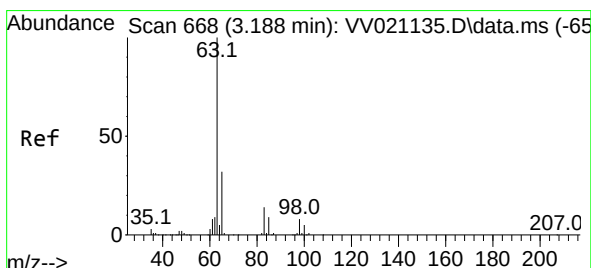
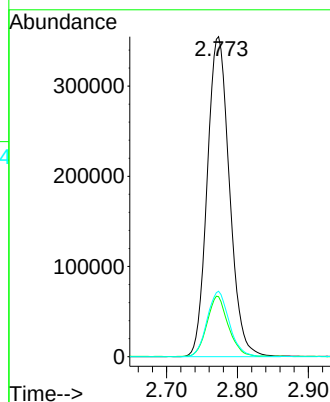
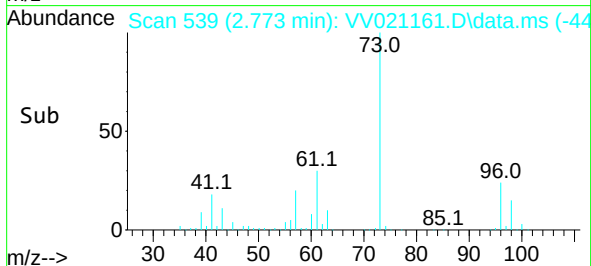


#18
Methyl tert-butyl Ether
Concen: 52.49 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

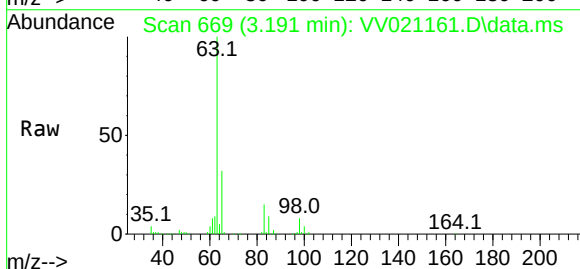
Instrument :
MSVOA_V
ClientSampled :



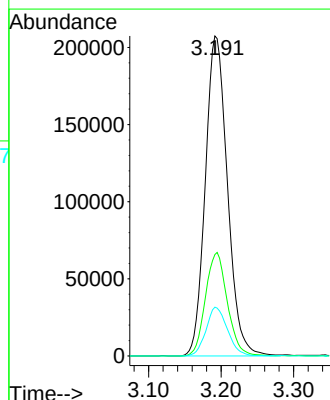
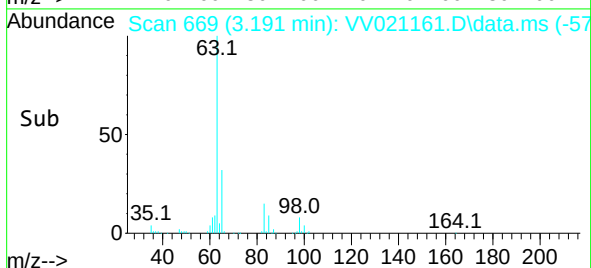
Tgt Ion: 73 Resp: 772169
Ion Ratio Lower Upper
73 100
43 18.2 14.7 22.1
57 20.4 15.9 23.9

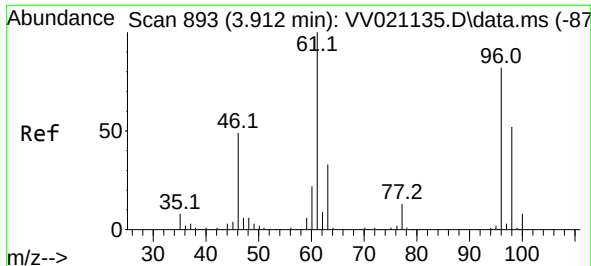


#19
1,1-Dichloroethane
Concen: 50.92 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42



Tgt Ion: 63 Resp: 440375
Ion Ratio Lower Upper
63 100
65 31.7 21.9 40.7
83 15.2 10.6 19.6

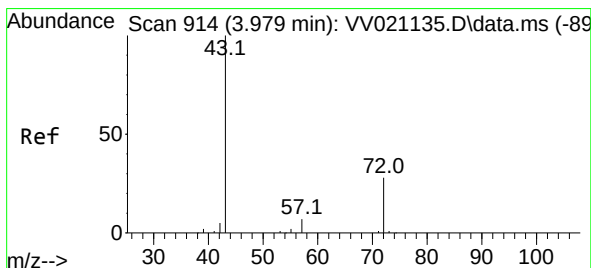
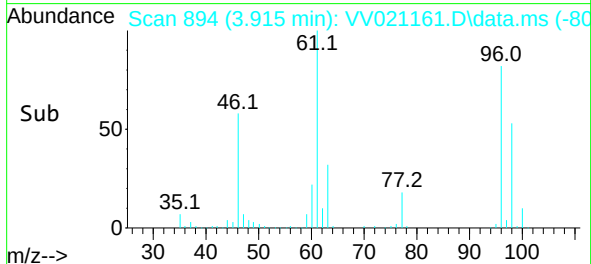
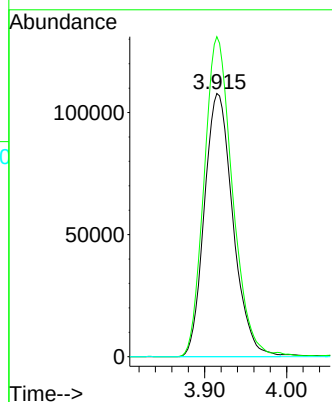
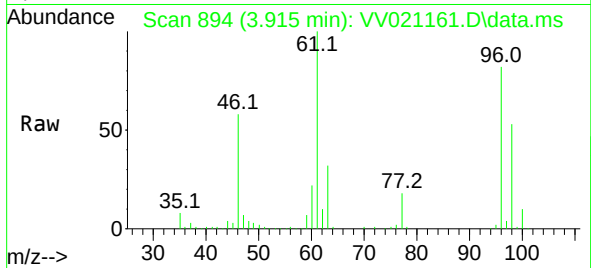




#20
cis-1,2-Dichloroethene
Concen: 51.05 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

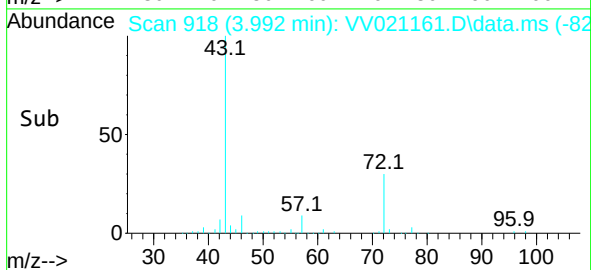
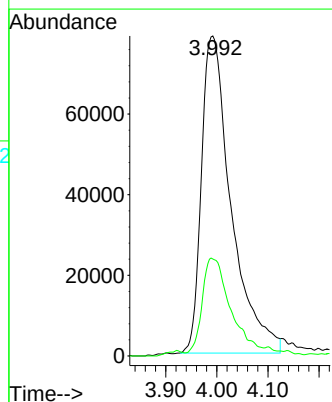
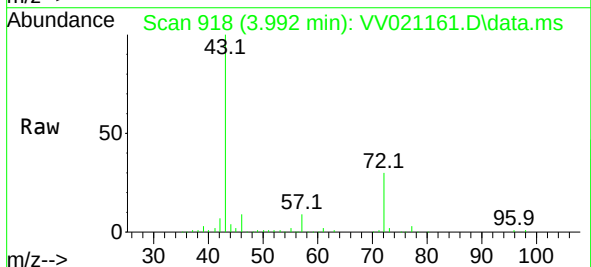
Instrument :
MSVOA_V
ClientSampled :

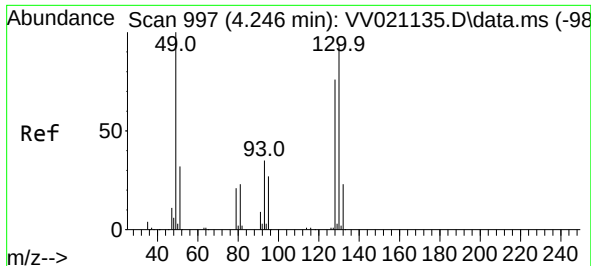
Tgt Ion: 96 Resp: 261106
Ion Ratio Lower Upper
96 100
61 121.6 84.4 156.7
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 104.85 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.013 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

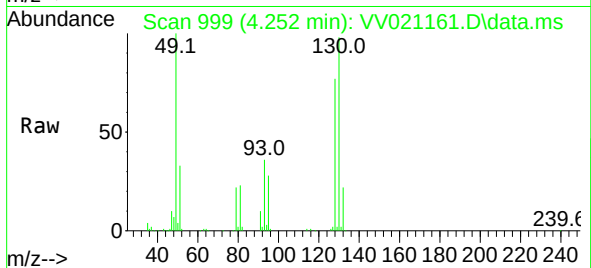
Tgt Ion: 43 Resp: 318006
Ion Ratio Lower Upper
43 100
72 28.1 13.2 39.6



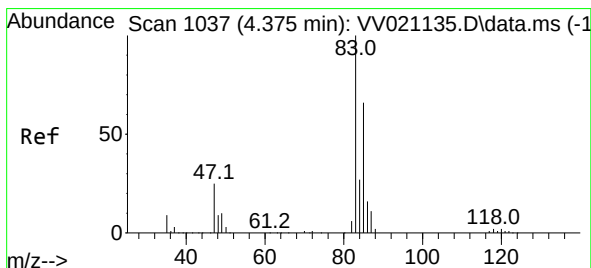
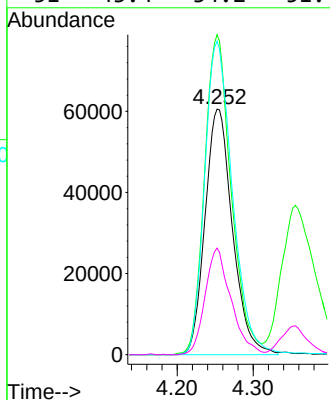
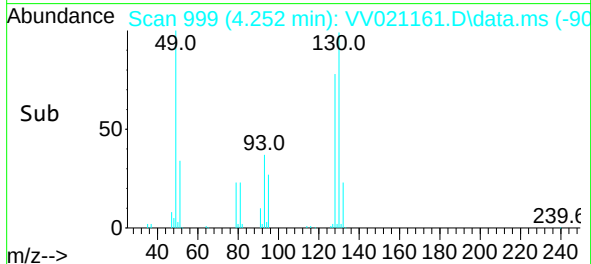


#23
Bromochloromethane
Concen: 51.54 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

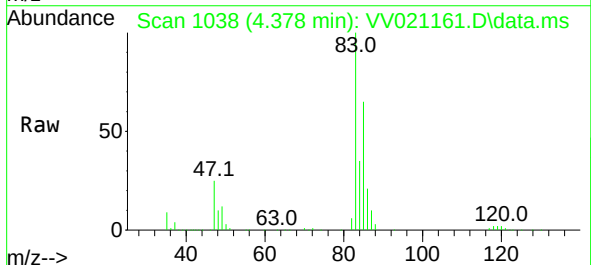
Instrument :
MSVOA_V
ClientSampled :



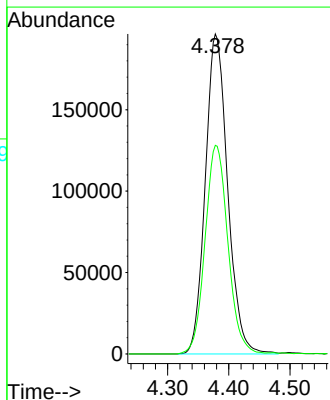
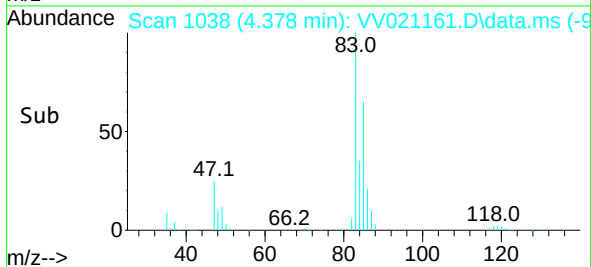
Tgt Ion:128 Resp: 151932
Ion Ratio Lower Upper
128 100
49 130.3 91.3 169.6
130 127.6 86.8 161.2
51 43.4 34.2 51.4

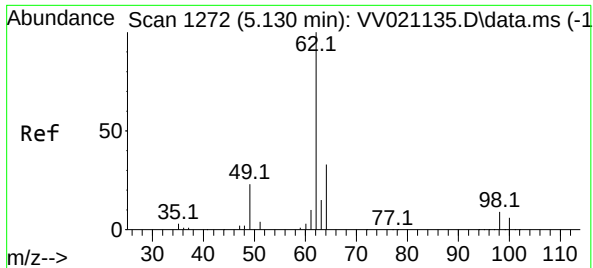


#25
Chloroform
Concen: 51.23 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42



Tgt Ion: 83 Resp: 498636
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.6





#27

1,2-Dichloroethane

Concen: 51.40 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV021161.D

Acq: 26 Apr 2021 22:42

Tgt Ion: 62 Resp: 398342

Ion Ratio Lower Upper

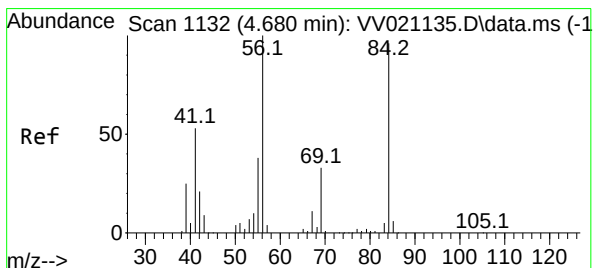
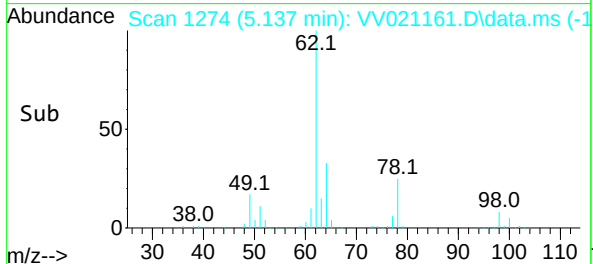
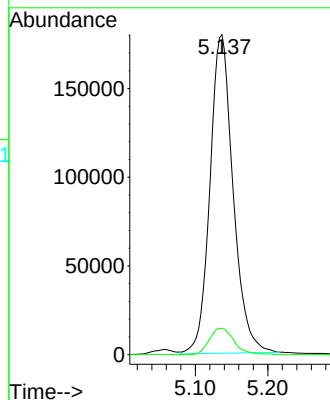
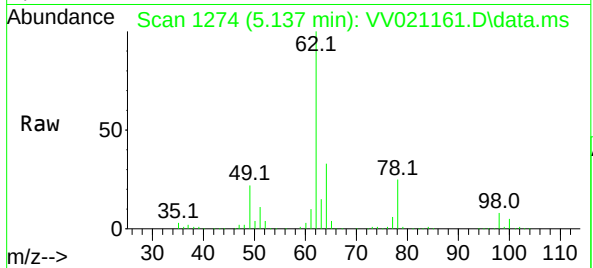
62 100

98 8.2 6.7 10.1

Instrument :

MSVOA_V

ClientSampled :



#29

Cyclohexane

Concen: 49.00 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV021161.D

Acq: 26 Apr 2021 22:42

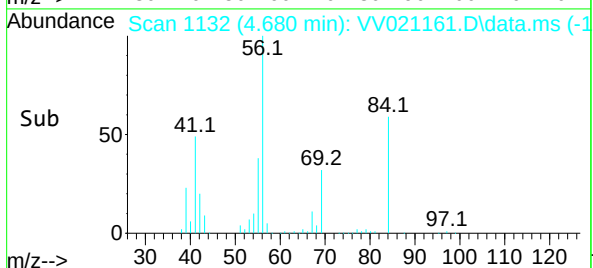
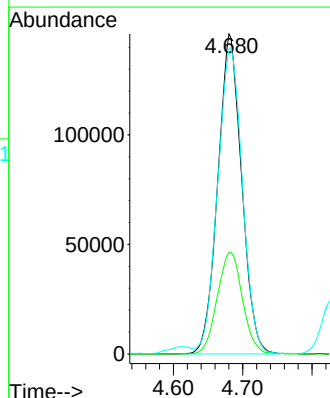
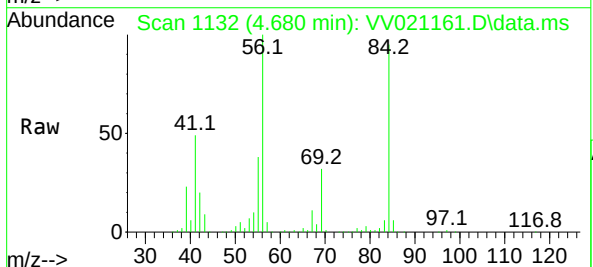
Tgt Ion: 56 Resp: 348671

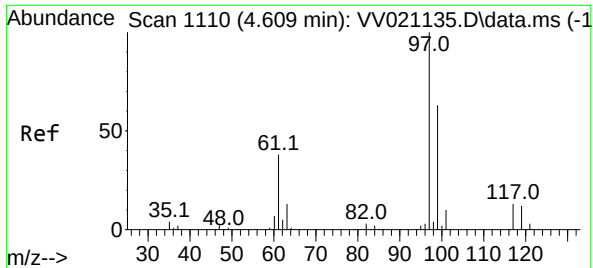
Ion Ratio Lower Upper

56 100

69 33.6 25.7 38.5

84 99.1 75.7 113.5

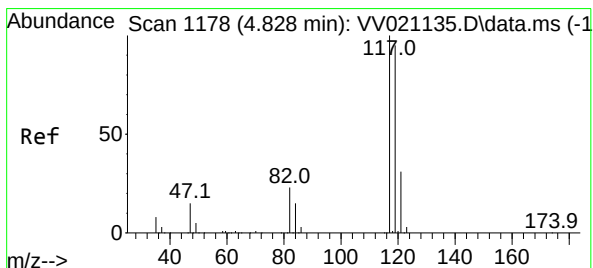
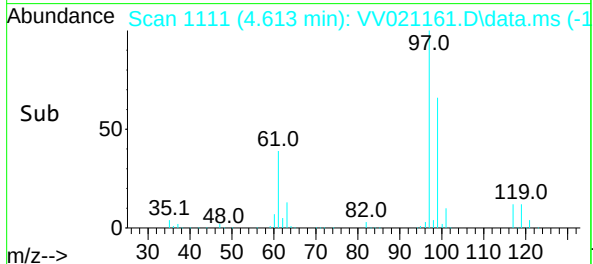
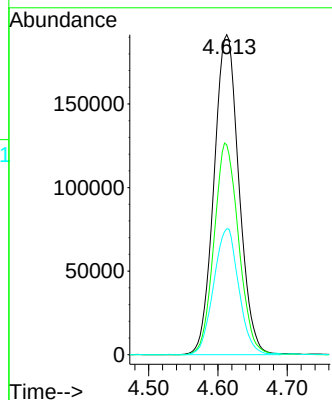
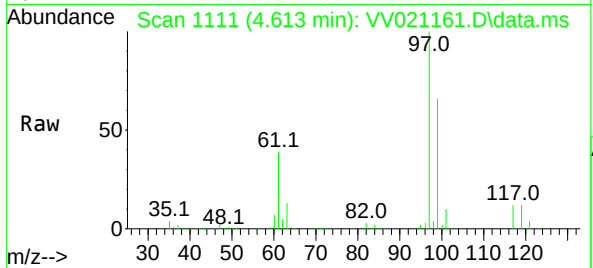




#30
1,1,1-Trichloroethane
Concen: 51.22 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

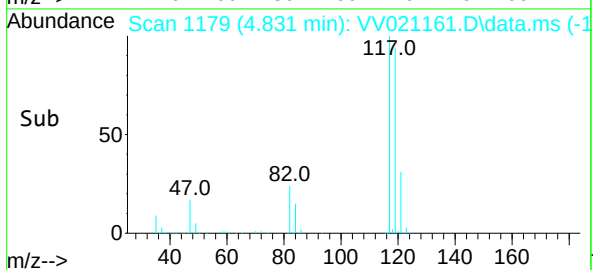
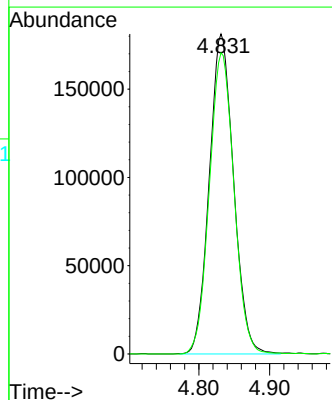
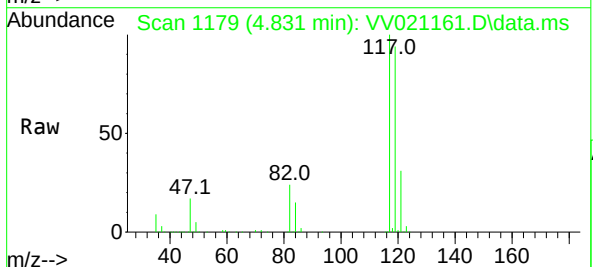
Instrument :
MSVOA_V
ClientSampleId :

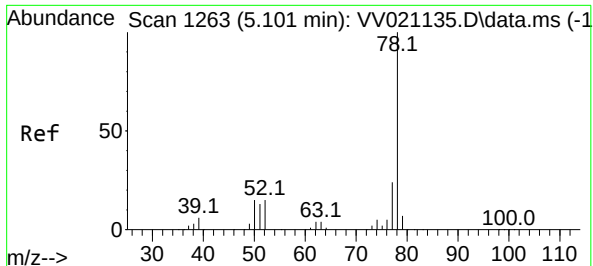
Tgt Ion: 97	Resp: 479691
Ion Ratio	Lower Upper
97 100	
99 65.0	51.6 77.4
61 39.6	32.1 48.1



#31
Carbon tetrachloride
Concen: 49.92 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion:117	Resp: 431841
Ion Ratio	Lower Upper
117 100	
119 95.1	75.4 113.2

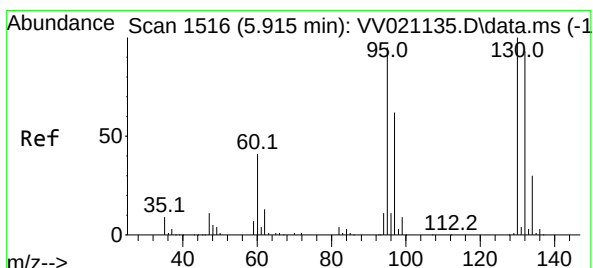
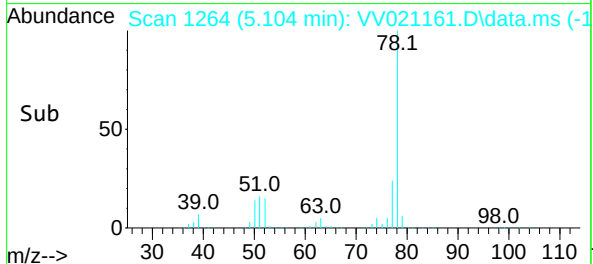
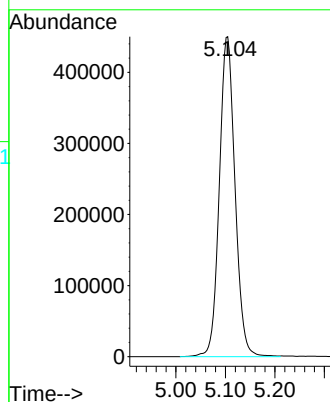
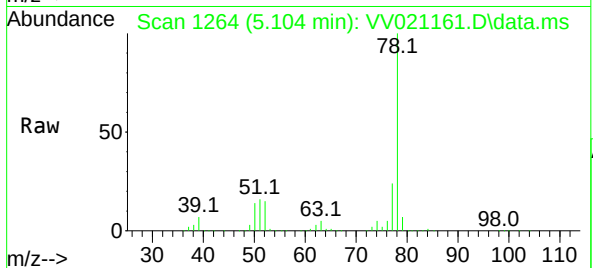




#33
Benzene
Concen: 51.07 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Instrument :
MSVOA_V
ClientSampled :

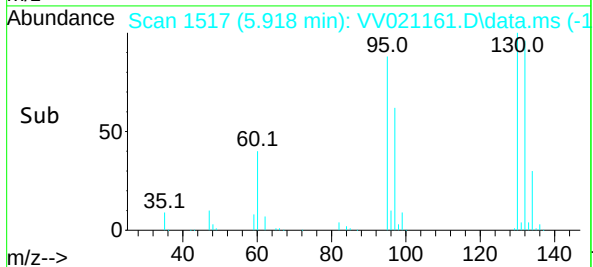
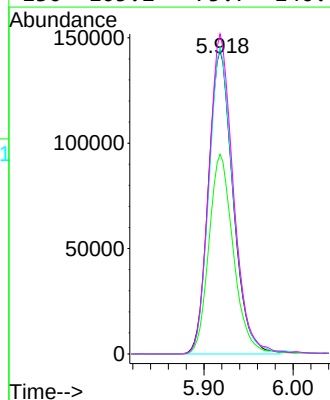
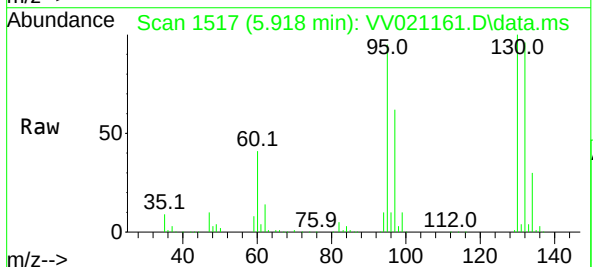
Tgt Ion: 78 Resp: 995362

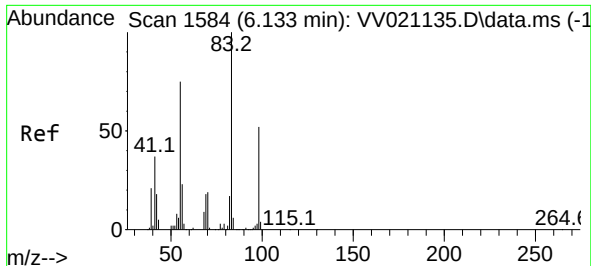


#34
Trichloroethene
Concen: 51.04 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion: 95 Resp: 275286

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.5	84.5
132	100.7	71.0	131.8
130	105.2	75.7	140.7

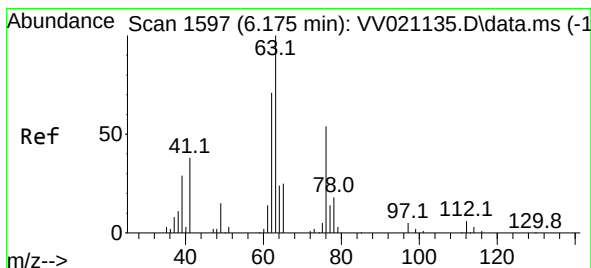
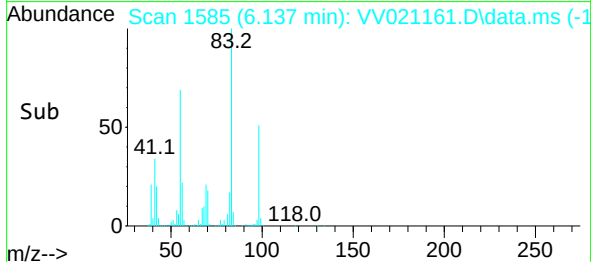
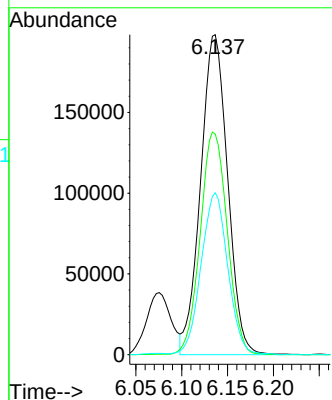
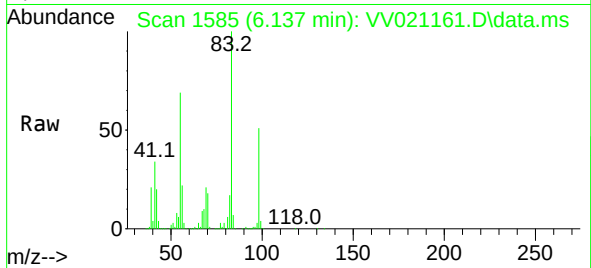




#35
Methylcyclohexane
Concen: 50.14 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

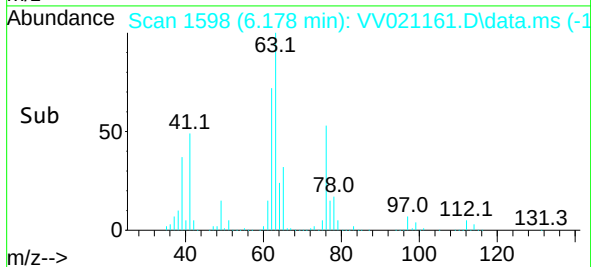
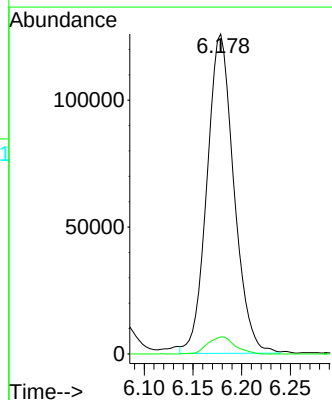
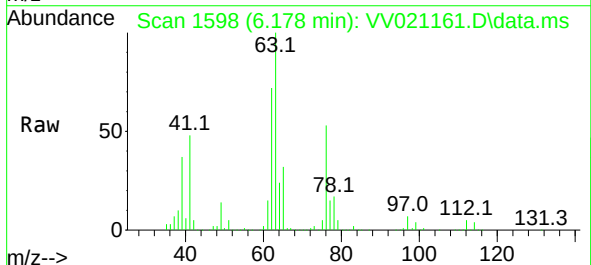
Instrument :
MSVOA_V
ClientSampled :

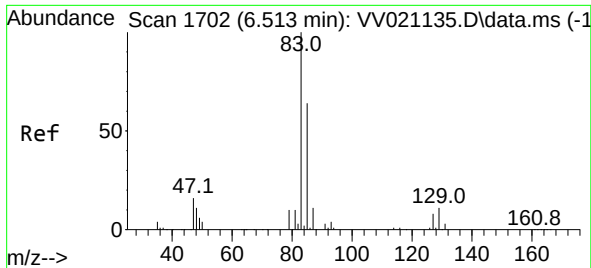
Tgt Ion: 83 Resp: 406424
Ion Ratio Lower Upper
83 100
55 69.5 58.2 87.2
98 50.1 40.6 60.8



#37
1,2-Dichloropropane
Concen: 50.57 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion: 63 Resp: 242119
Ion Ratio Lower Upper
63 100
112 5.4 3.9 5.9

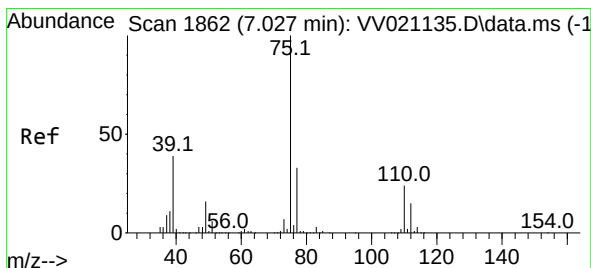
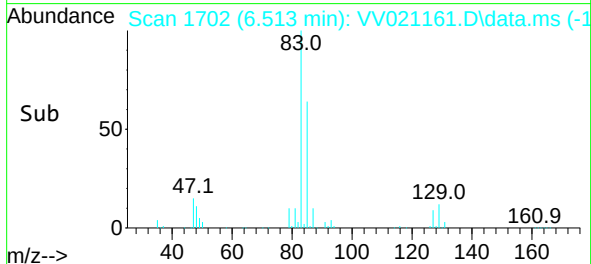
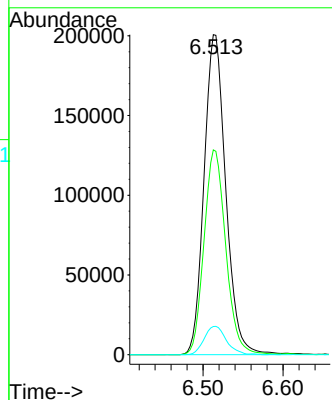
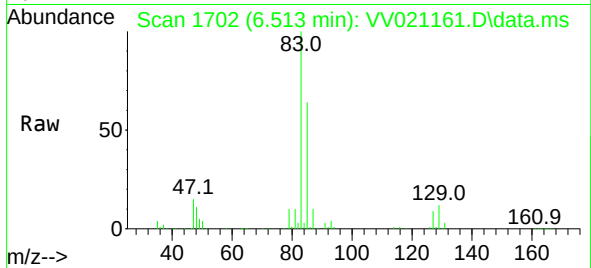




#38
Bromodichloromethane
Concen: 50.86 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

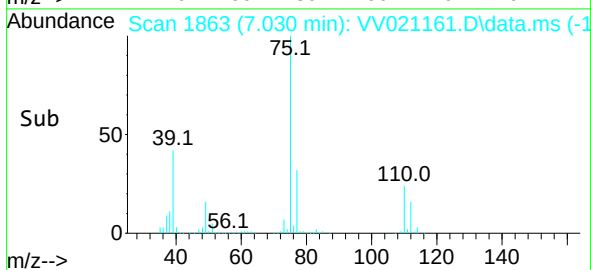
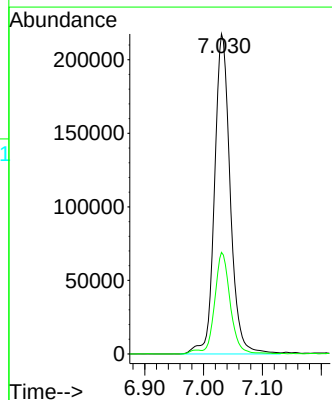
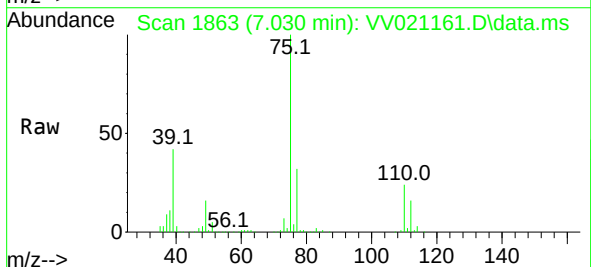
Instrument :
MSVOA_V
ClientSampleId :

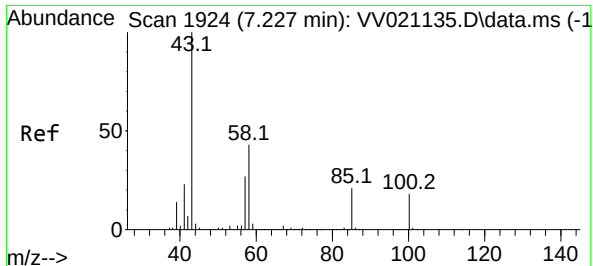
Tgt Ion: 83 Resp: 379409
Ion Ratio Lower Upper
83 100
85 64.0 46.2 85.8
127 8.8 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 51.75 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion: 75 Resp: 404104
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.6

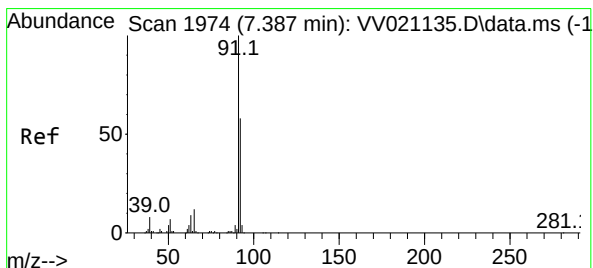
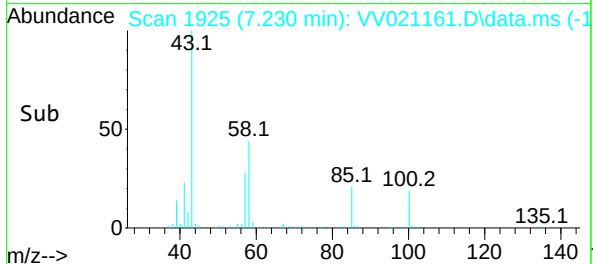
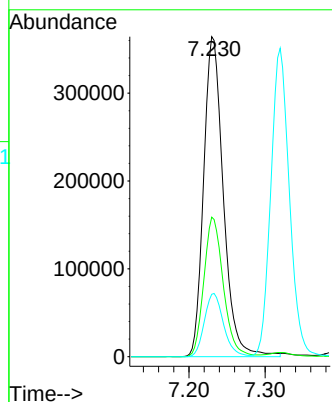
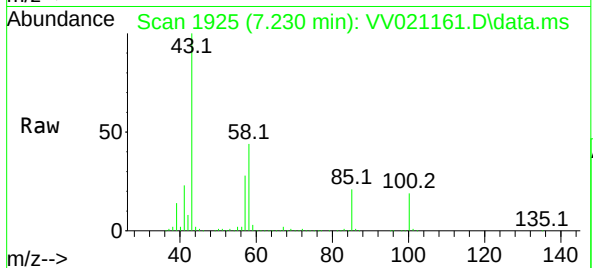




#40
4-Methyl-2-pentanone
Concen: 113.50 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

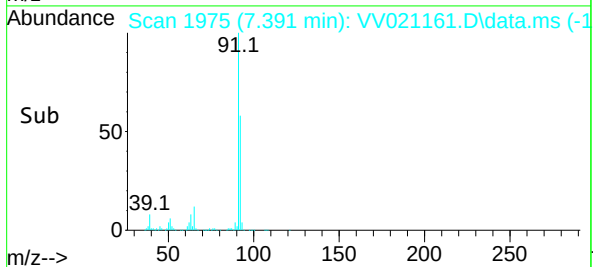
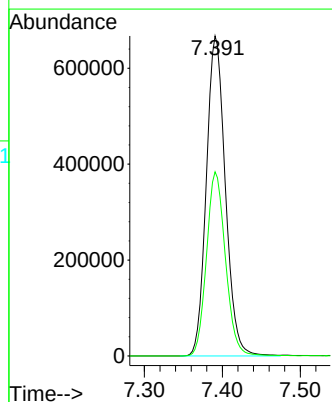
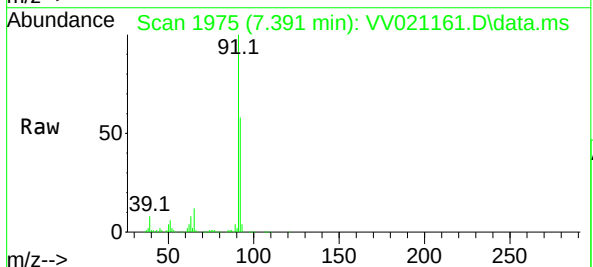
Instrument :
MSVOA_V
ClientSampled :

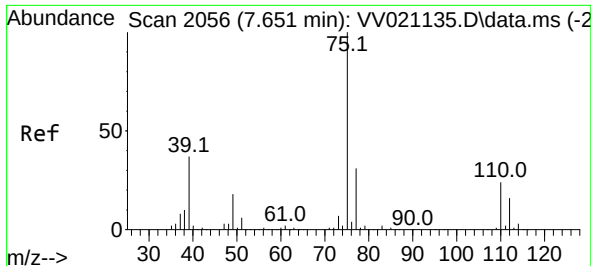
Tgt Ion: 43 Resp: 656787
Ion Ratio Lower Upper
43 100
58 42.9 34.5 51.7
100 19.2 15.2 22.8



#42
Toluene
Concen: 52.83 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion: 91 Resp: 1130479
Ion Ratio Lower Upper
91 100
92 57.6 41.0 76.2

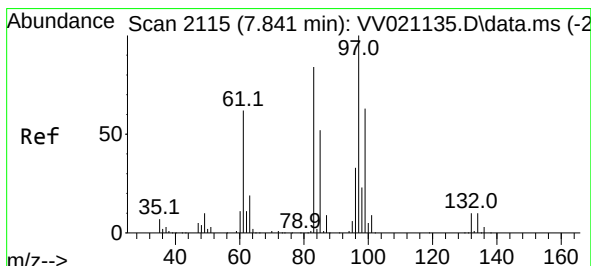
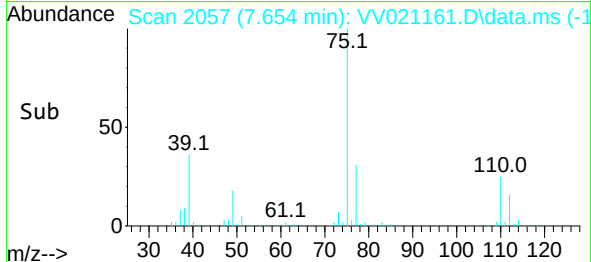
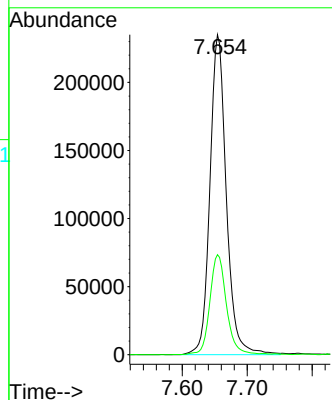
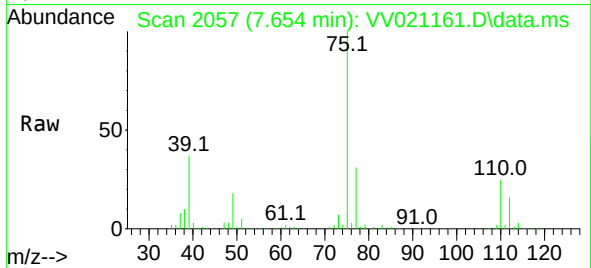




#44
trans-1,3-Dichloropropene
Concen: 51.08 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

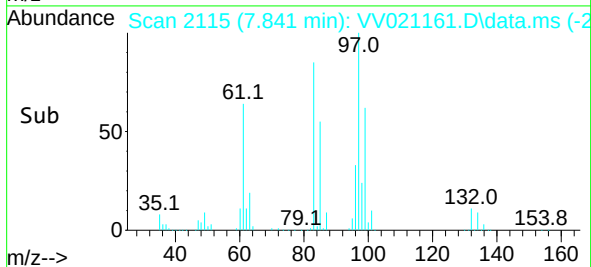
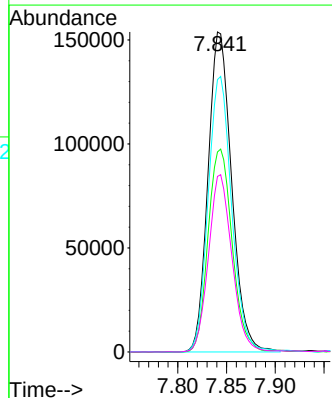
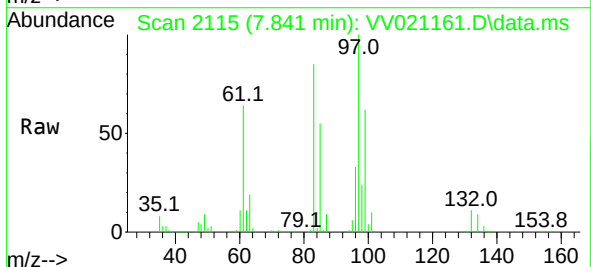
Instrument :
MSVOA_V
ClientSampleId :

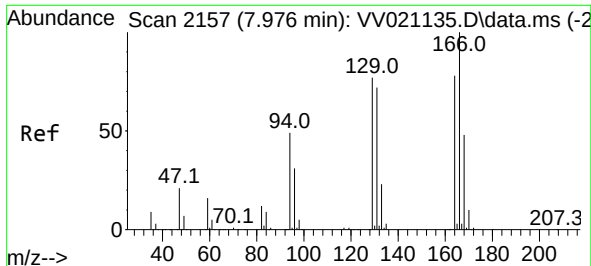
Tgt Ion: 75 Resp: 412719
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.6



#45
1,1,2-Trichloroethane
Concen: 49.90 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

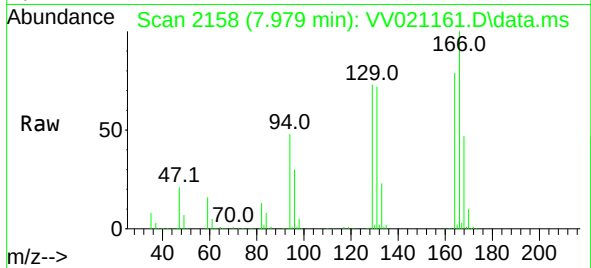
Tgt Ion: 97 Resp: 259447
Ion Ratio Lower Upper
97 100
99 62.5 43.7 81.1
83 85.1 59.6 110.6
85 54.9 37.5 69.6



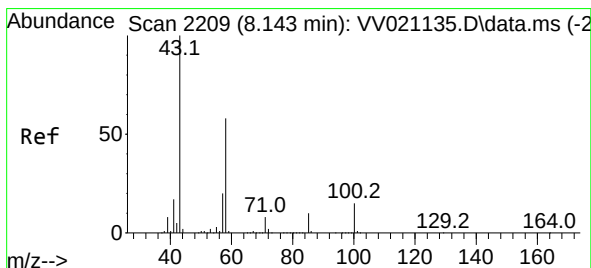
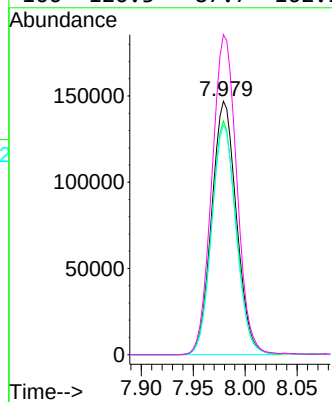
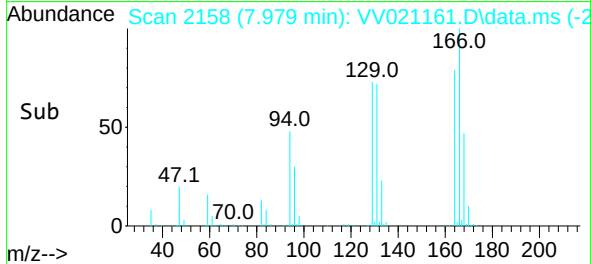


#46
Tetrachloroethene
Concen: 50.62 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

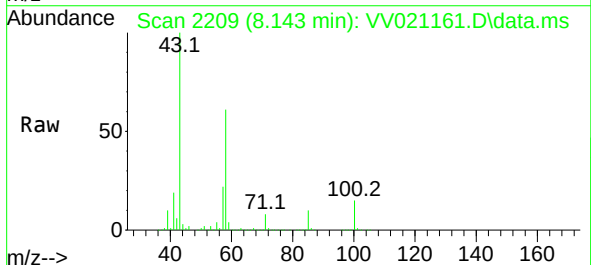
Instrument :
MSVOA_V
ClientSampled :



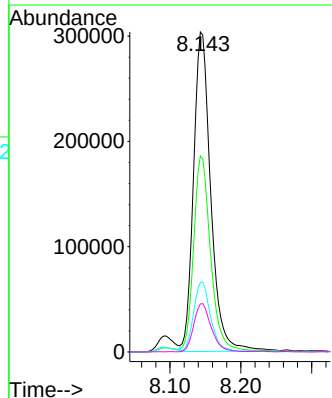
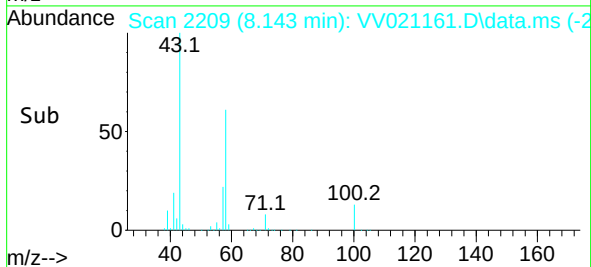
Tgt Ion:164 Resp: 244202
Ion Ratio Lower Upper
164 100
129 92.2 63.8 118.4
131 90.7 59.3 110.1
166 126.3 87.7 162.9

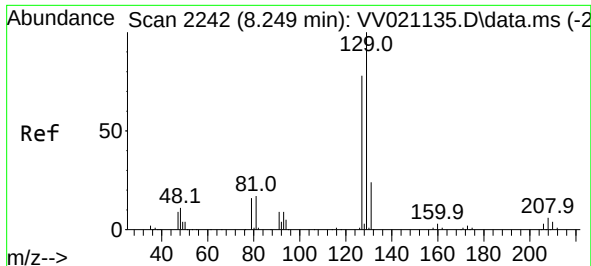


#48
2-Hexanone
Concen: 113.09 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42



Tgt Ion: 43 Resp: 515369
Ion Ratio Lower Upper
43 100
58 59.1 46.8 70.2
57 21.1 17.6 26.4
100 15.3 12.0 18.0





#49

Dibromochloromethane

Concen: 50.92 ug/L

RT: 8.252 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VV021161.D

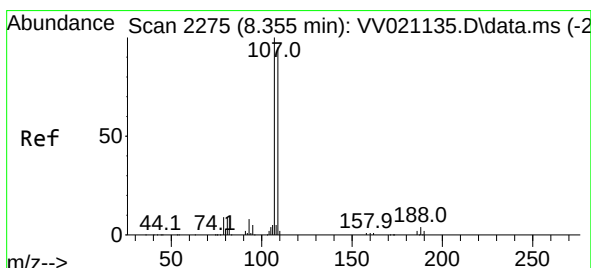
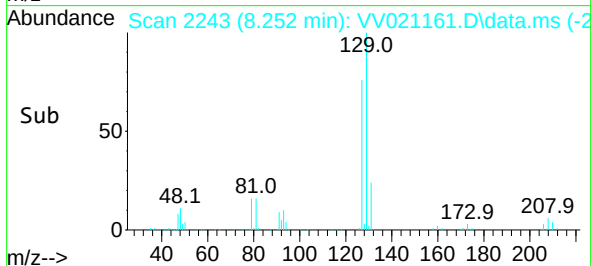
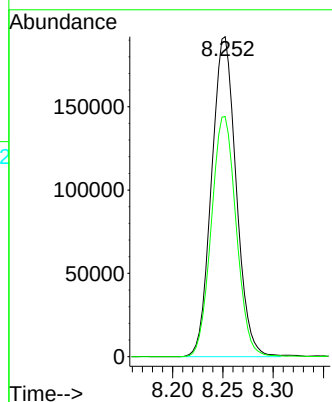
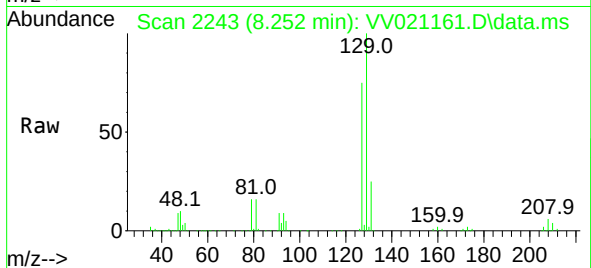
Acq: 26 Apr 2021 22:42

Tgt Ion:129 Resp: 326102

Ion Ratio Lower Upper

129 100

127 75.1 55.2 102.6



#50

1,2-Dibromoethane

Concen: 51.71 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. -0.000 min

Lab File: VV021161.D

Acq: 26 Apr 2021 22:42

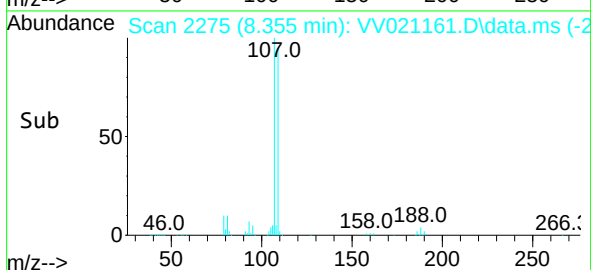
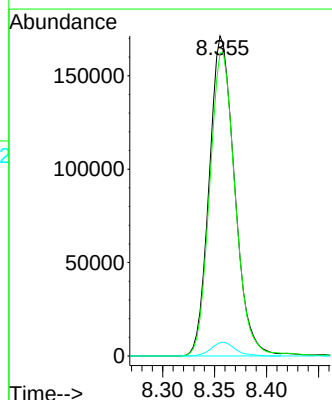
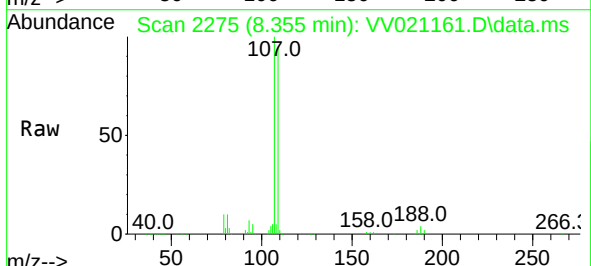
Tgt Ion:107 Resp: 290693

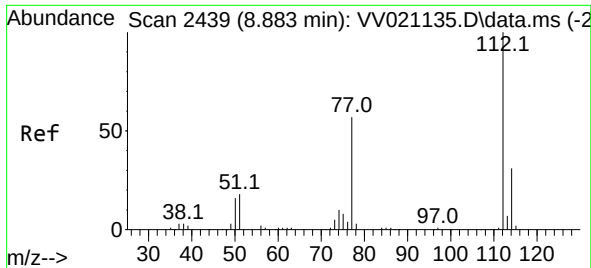
Ion Ratio Lower Upper

107 100

109 94.7 63.8 118.6

188 4.2 3.4 5.0

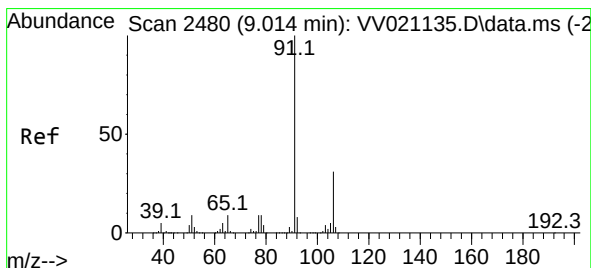
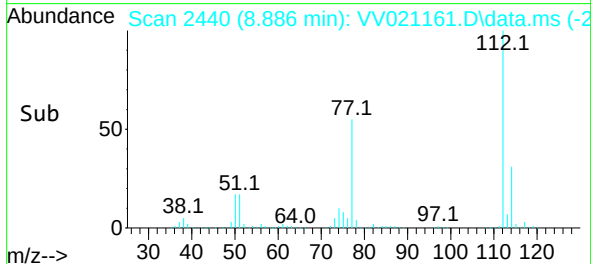
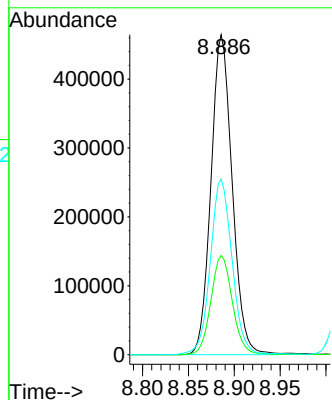
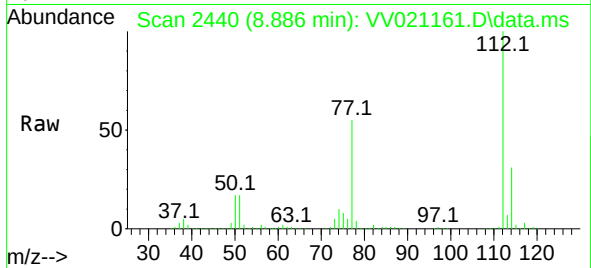




#51
Chlorobenzene
Concen: 50.76 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

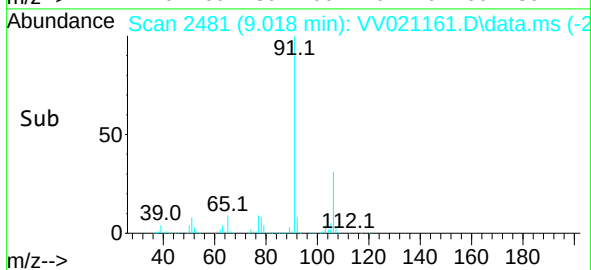
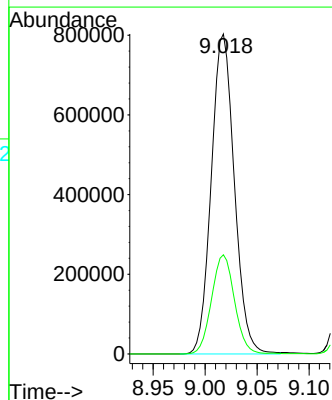
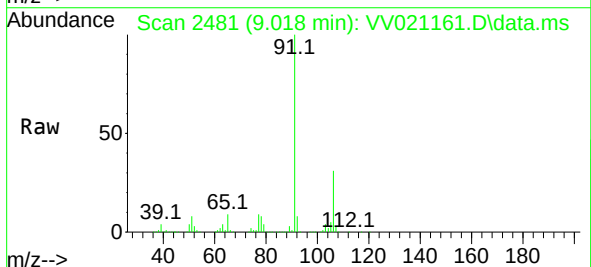
Instrument :
MSVOA_V
ClientSampled :

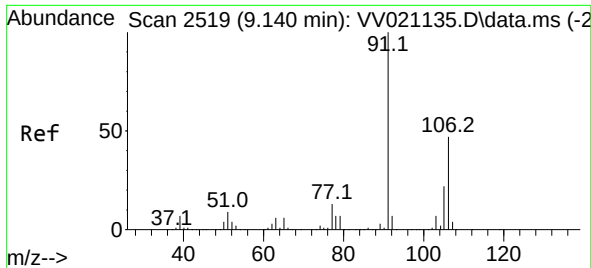
Tgt Ion:112 Resp: 746938
Ion Ratio Lower Upper
112 100
114 31.0 22.8 42.4
77 54.8 44.2 66.2



#52
Ethylbenzene
Concen: 52.20 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion: 91 Resp: 1238460
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.4

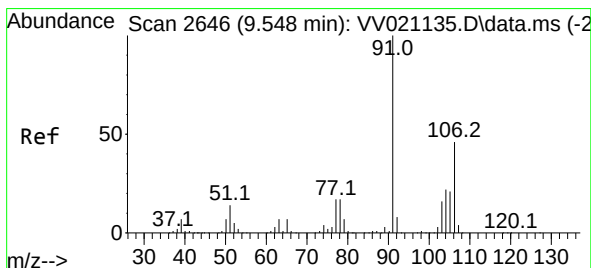
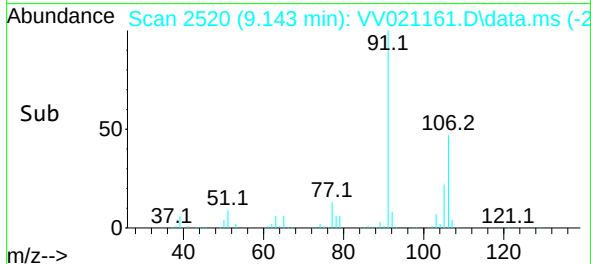
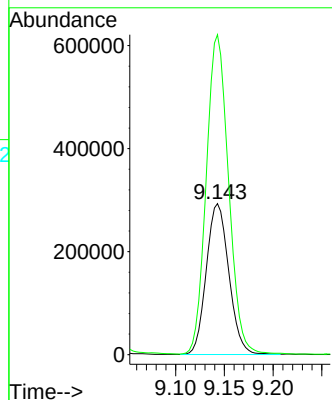
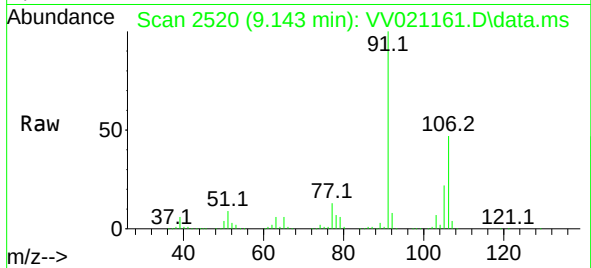




#53
m,p-Xylene
Concen: 52.16 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

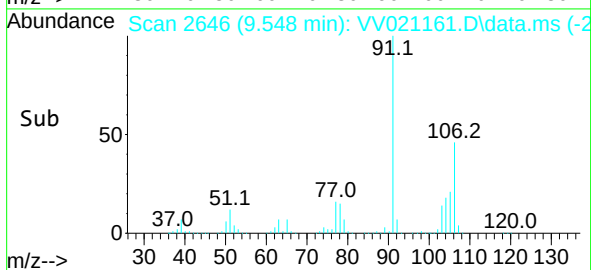
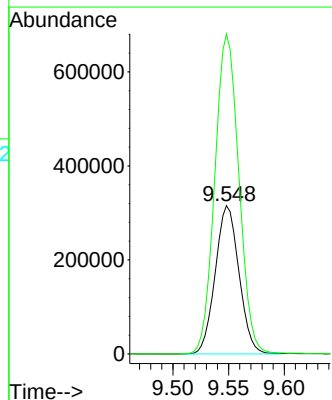
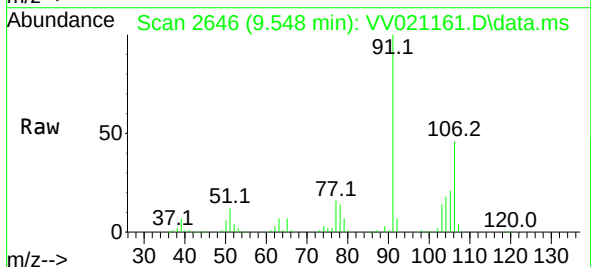
Instrument :
MSVOA_V
ClientSampled :

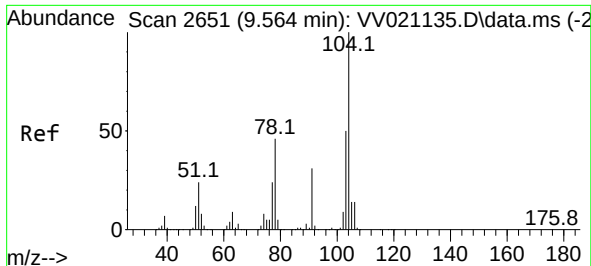
Tgt Ion:106 Resp: 471565
Ion Ratio Lower Upper
106 100
91 211.8 144.3 267.9



#54
o-Xylene
Concen: 52.67 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion:106 Resp: 467749
Ion Ratio Lower Upper
106 100
91 215.8 150.4 279.4

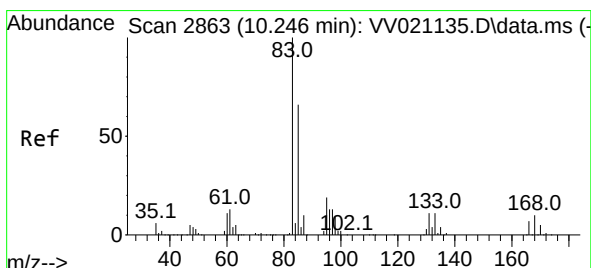
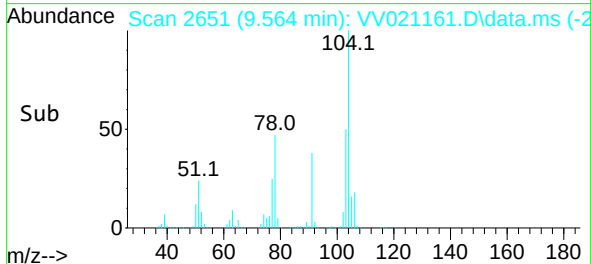
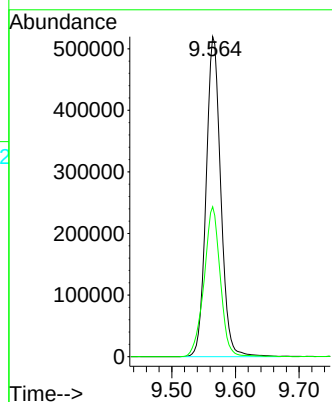
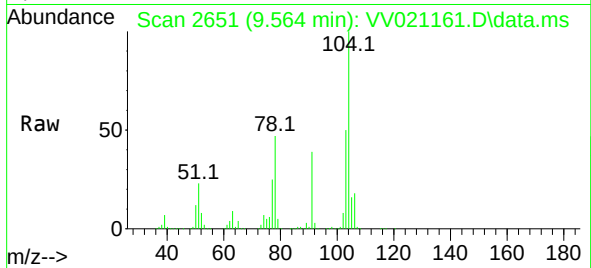




#55
Styrene
Concen: 55.32 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

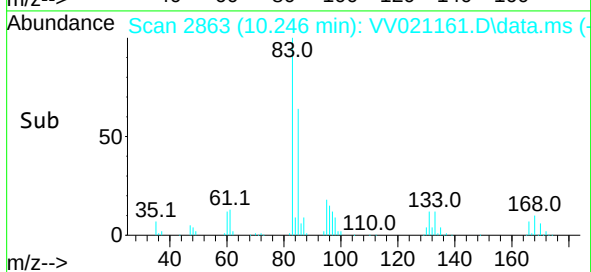
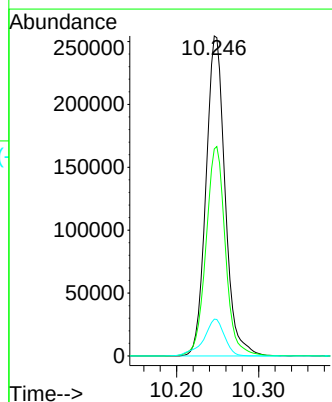
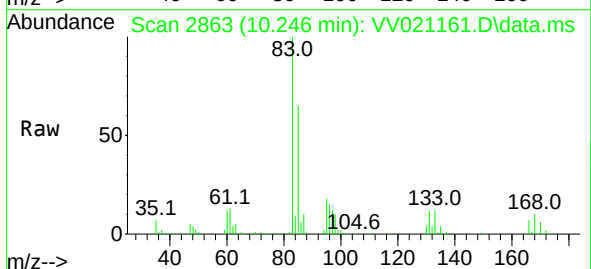
Instrument :
MSVOA_V
ClientSampled :

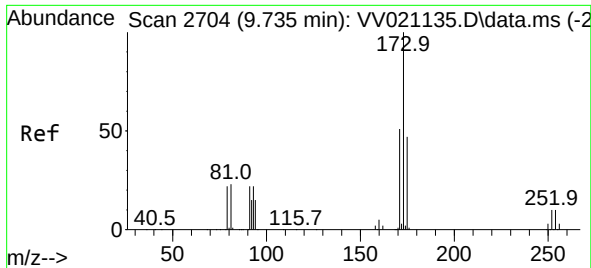
Tgt Ion:104 Resp: 829882
Ion Ratio Lower Upper
104 100
78 46.9 32.4 60.2



#57
1,1,2,2-Tetrachloroethane
Concen: 49.74 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion: 83 Resp: 411036
Ion Ratio Lower Upper
83 100
85 64.7 45.8 85.0
131 11.5 8.8 13.2

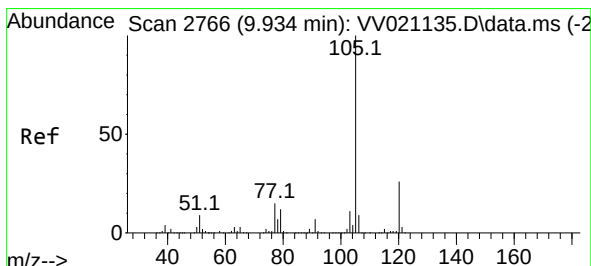
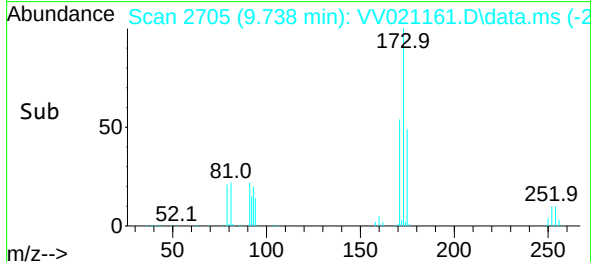
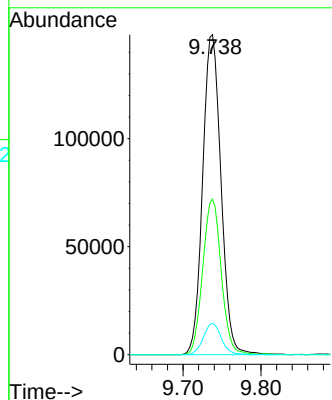
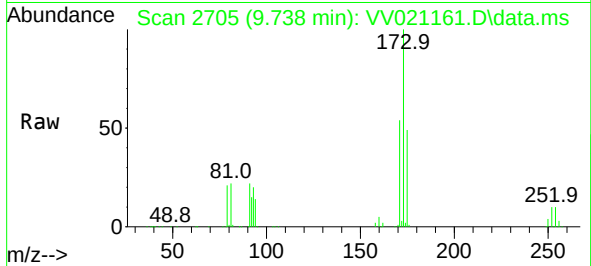




#59
Bromoform
Concen: 50.47 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

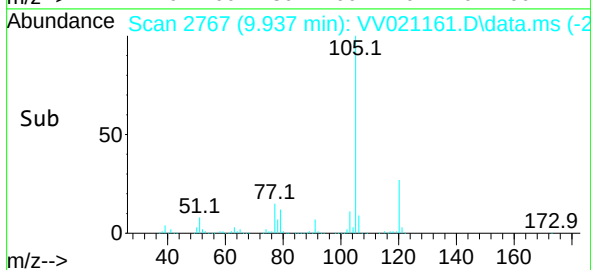
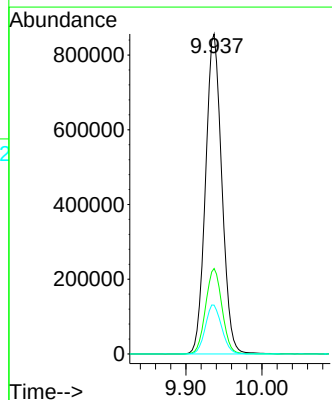
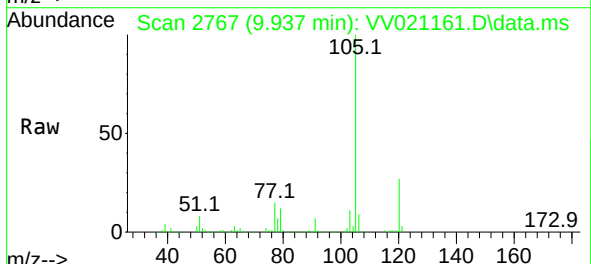
Instrument :
MSVOA_V
ClientSampleId :

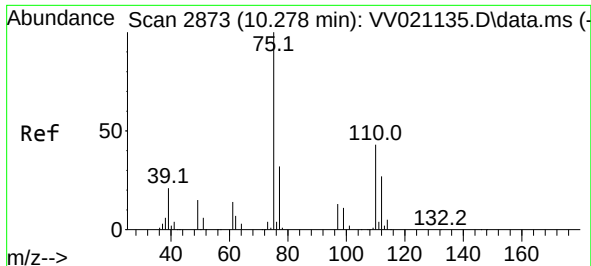
Tgt Ion:173 Resp: 242683
Ion Ratio Lower Upper
173 100
175 48.9 38.9 58.3
254 9.6 8.3 12.5



#60
Isopropylbenzene
Concen: 54.31 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion:105 Resp: 1273564
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.6
77 15.4 12.9 19.3

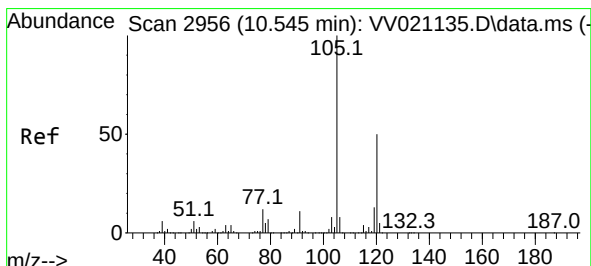
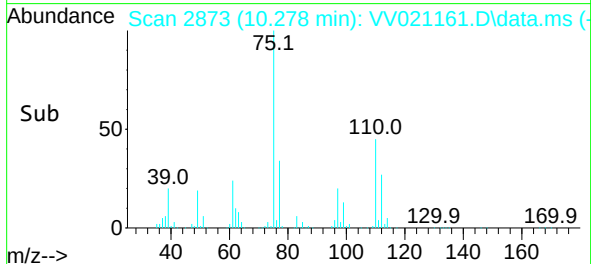
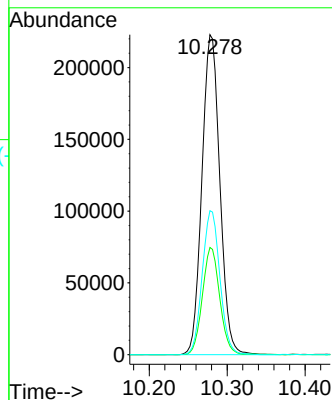
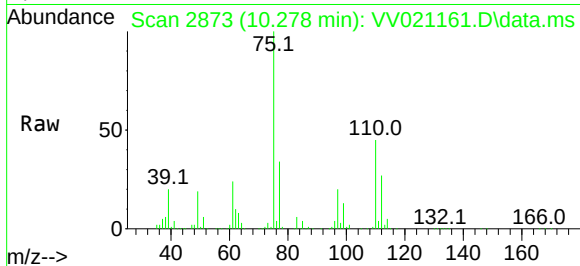




#61
1,2,3-Trichloropropane
Concen: 53.81 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

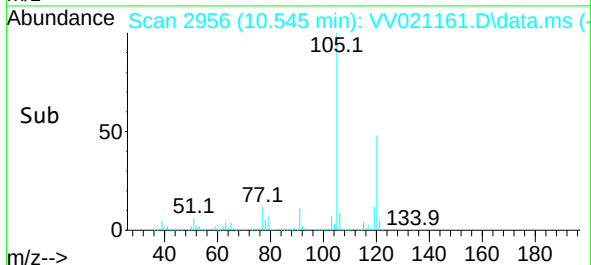
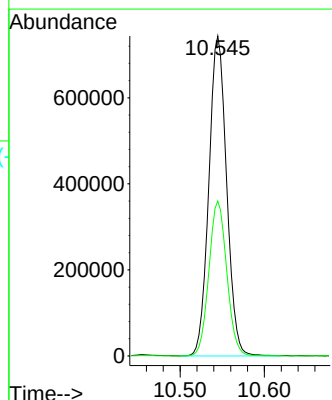
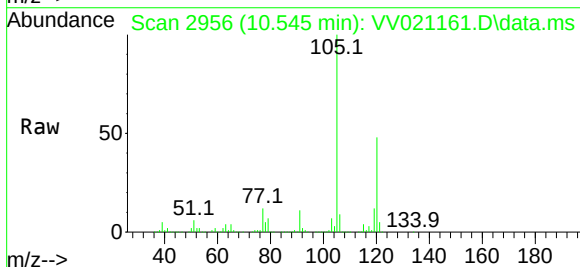
Instrument :
MSVOA_V
ClientSampleId :

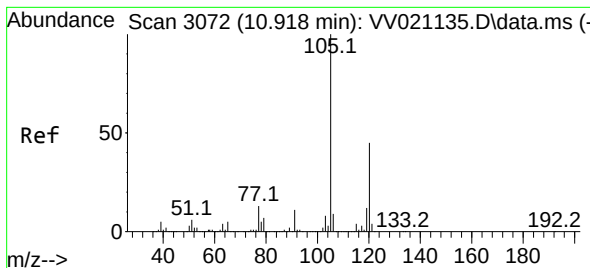
Tgt Ion: 75 Resp: 355890
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 44.4 34.9 52.3



#62
1,3,5-Trimethylbenzene
Concen: 54.75 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion: 105 Resp: 1090188
Ion Ratio Lower Upper
105 100
120 48.7 38.9 58.3

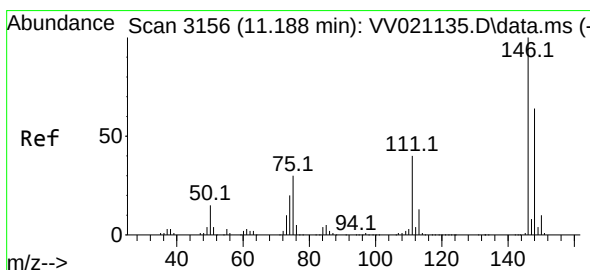
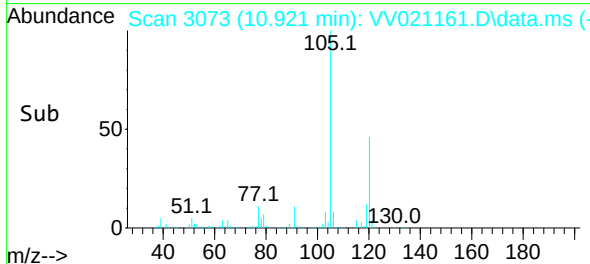
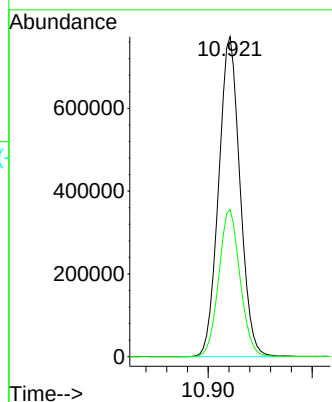
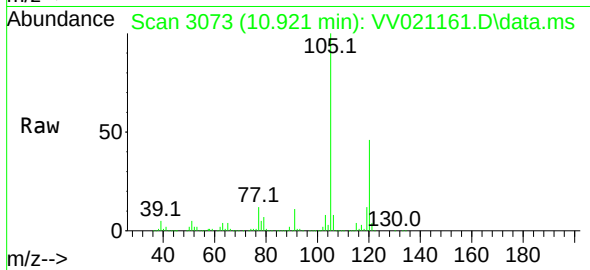




#63
1,2,4-Trimethylbenzene
Concen: 55.47 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.003 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

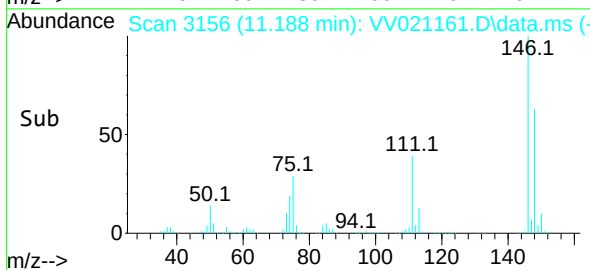
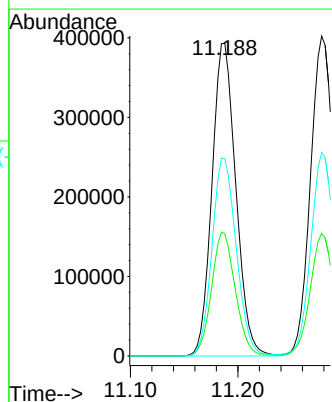
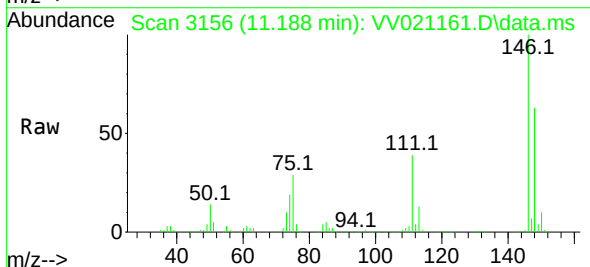
Instrument :
MSVOA_V
ClientSampleId :

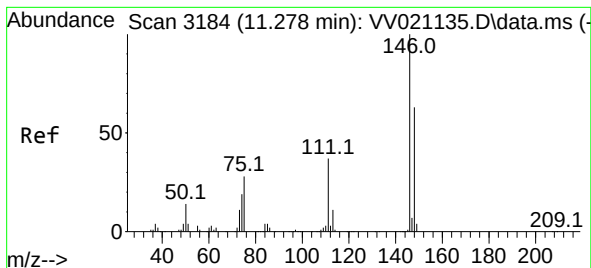
Tgt Ion:105 Resp: 1101588
Ion Ratio Lower Upper
105 100
120 46.0 37.7 56.5



#64
1,3-Dichlorobenzene
Concen: 51.94 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

Tgt Ion:146 Resp: 606786
Ion Ratio Lower Upper
146 100
111 39.0 27.6 51.2
148 63.1 45.1 83.7





#65

1,4-Dichlorobenzene

Concen: 52.52 ug/L

RT: 11.278 min Scan# 3184

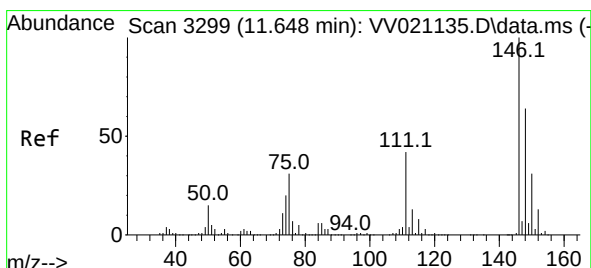
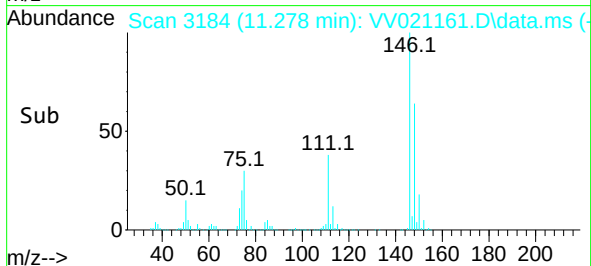
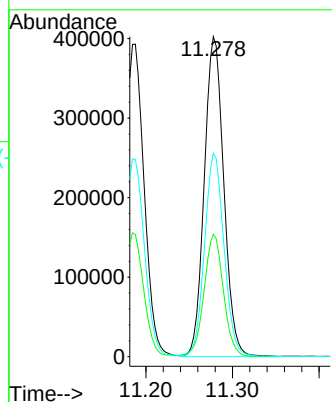
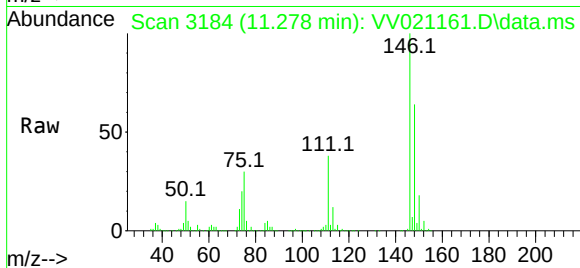
Delta R.T. -0.000 min

Lab File: VV021161.D

Acq: 26 Apr 2021 22:42

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	146	Resp:	630386
Ion Ratio	Lower	Upper	
146	100		
111	38.3	26.3	48.9
148	63.6	44.7	82.9



#67

1,2-Dichlorobenzene

Concen: 52.37 ug/L

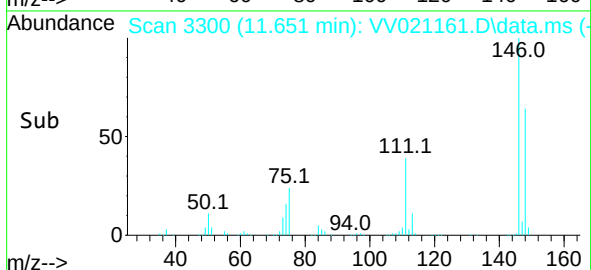
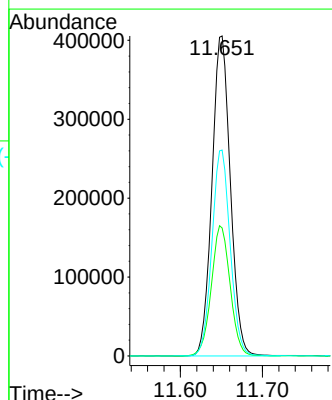
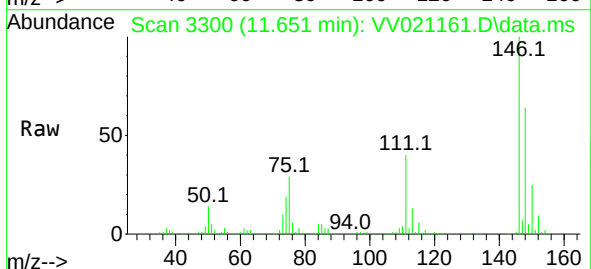
RT: 11.651 min Scan# 3300

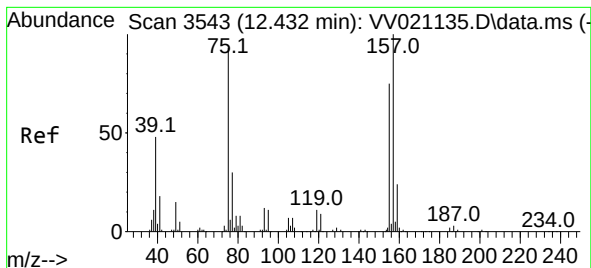
Delta R.T. 0.003 min

Lab File: VV021161.D

Acq: 26 Apr 2021 22:42

Tgt Ion:	146	Resp:	631554
Ion Ratio	Lower	Upper	
146	100		
111	40.0	33.2	49.8
148	64.4	50.6	75.8

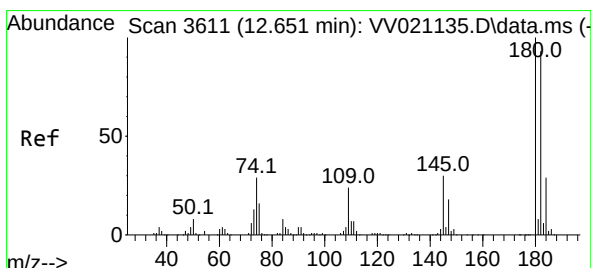
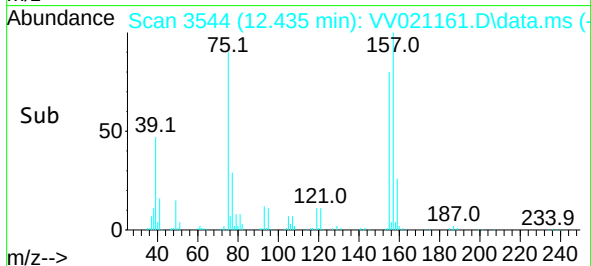
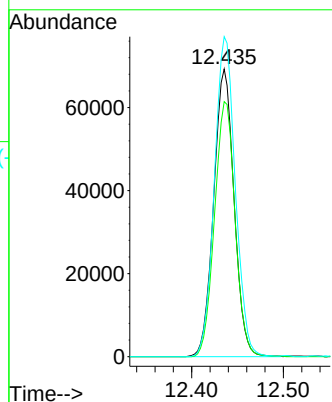
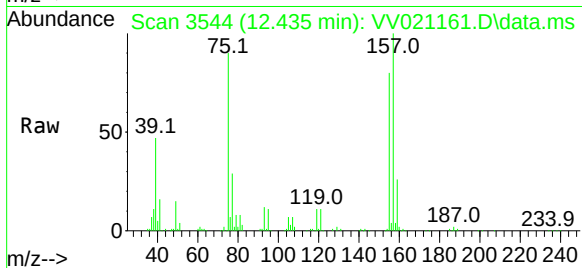




#68
 1,2-Dibromo-3-chloropropane
 Concen: 54.01 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. 0.003 min
 Lab File: VV021161.D
 Acq: 26 Apr 2021 22:42

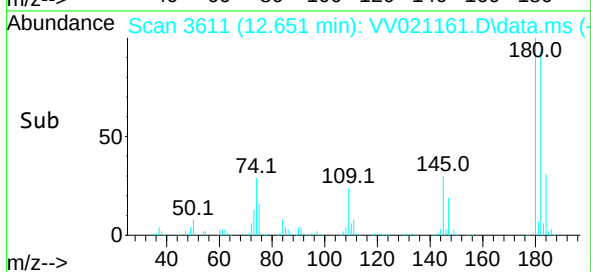
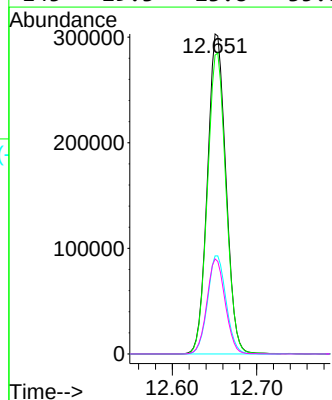
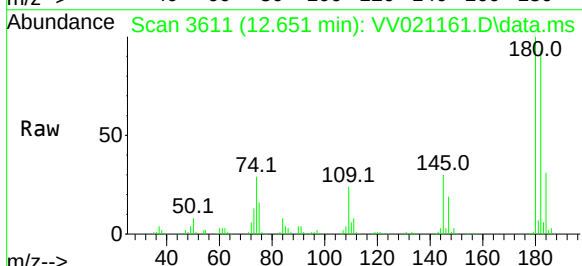
Instrument :
 MSVOA_V
 ClientSampleId :

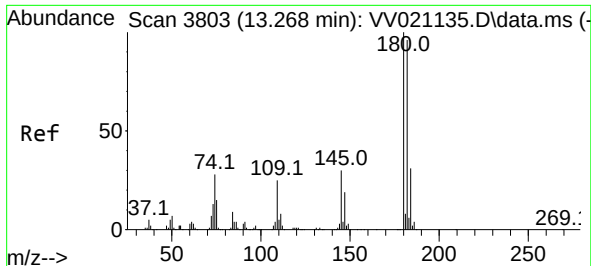
Tgt Ion: 75 Resp: 107088
 Ion Ratio Lower Upper
 75 100
 155 88.7 72.8 109.2
 157 111.3 94.6 142.0



#69
 1,3,5-Trichlorobenzene
 Concen: 50.96 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. -0.000 min
 Lab File: VV021161.D
 Acq: 26 Apr 2021 22:42

Tgt Ion:180 Resp: 462974
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.4 116.0
 184 30.7 24.1 36.1
 145 29.3 23.8 35.8

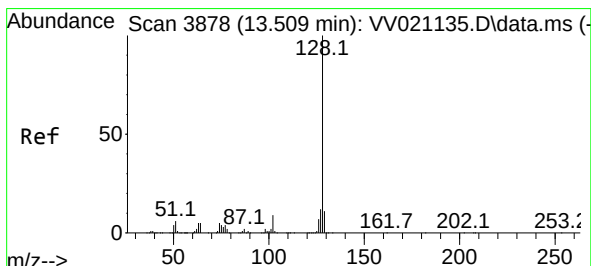
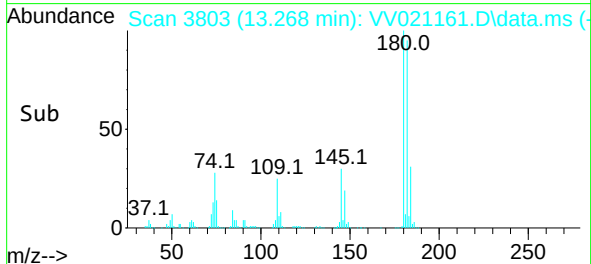
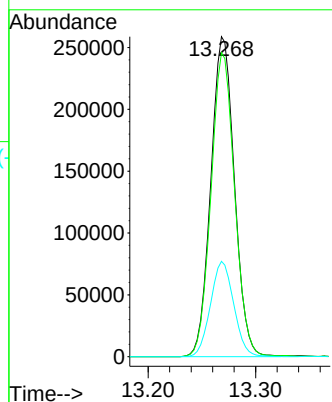
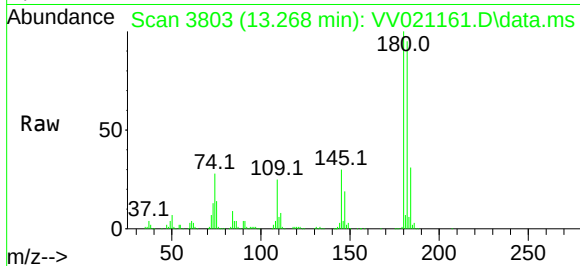




#70
1,2,4-trichlorobenzene
Concen: 52.91 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

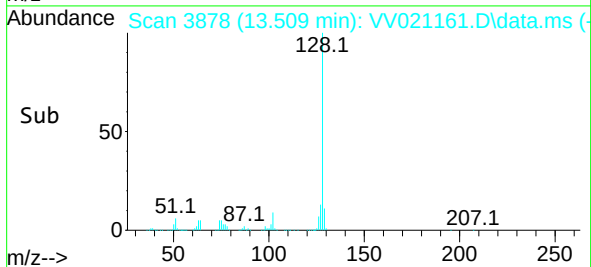
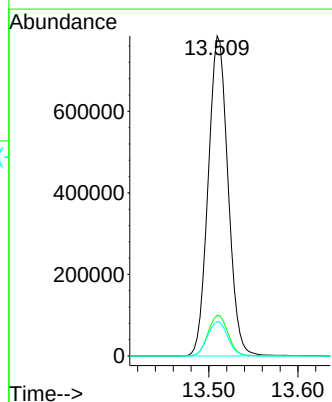
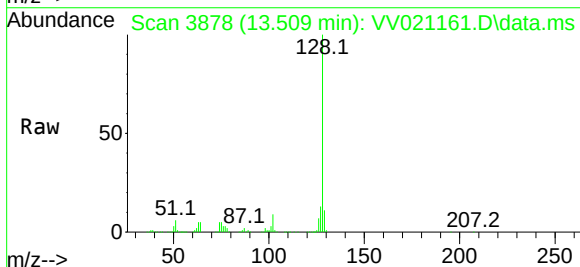
Instrument :
MSVOA_V
ClientSampleId :

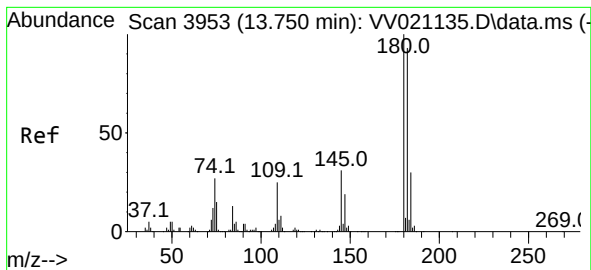
Tgt Ion:180 Resp: 393986
Ion Ratio Lower Upper
180 100
182 94.8 77.5 116.3
145 29.4 24.3 36.5



#71
Naphthalene
Concen: 58.33 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV021161.D
Acq: 26 Apr 2021 22:42

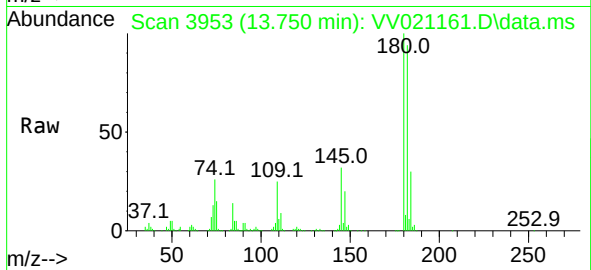
Tgt Ion:128 Resp: 1209856
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 55.49 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. -0.000 min
 Lab File: VV021161.D
 Acq: 26 Apr 2021 22:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 421625

Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.9	113.9
145	31.5	25.0	37.6

