

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007525.D
 Acq On : 17 Feb 2022 16:14
 Operator : SY/MD
 Sample : N1574-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-021622

Quant Time: Feb 18 07:40:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

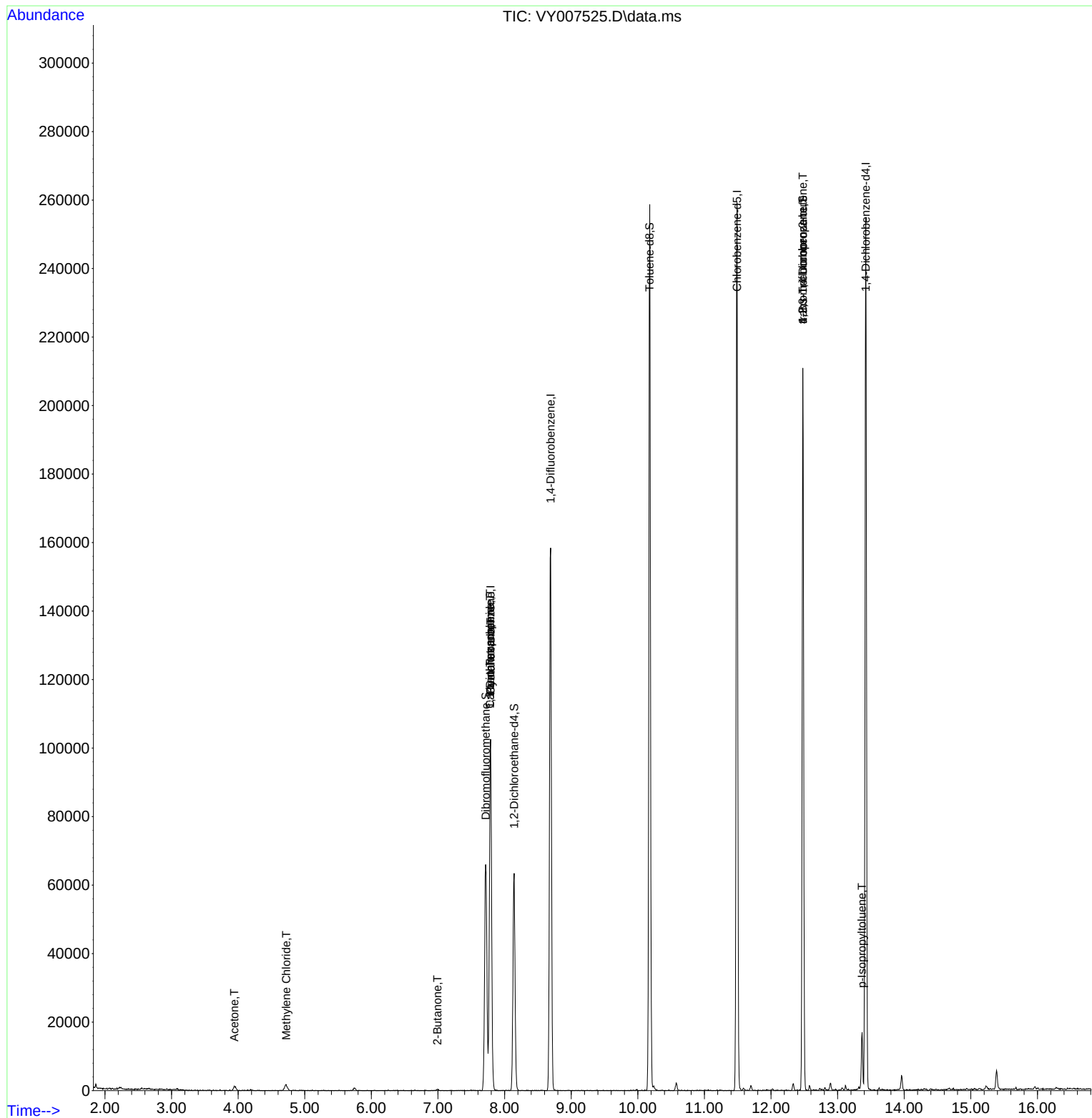
Internal Standards						
1) Pentafluorobenzene	7.789	168	79112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49512	56.686	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.380%			
35) Dibromofluoromethane	7.716	113	47329	53.142	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.280%			
50) Toluene-d8	10.179	98	168545	49.826	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.660%			
62) 4-Bromofluorobenzene	12.477	95	62401	54.405	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.800%			
Target Compounds						
3) Chloromethane	2.119	50	274	Below Cal	#	44
5) Bromomethane	2.656	94	208	Below Cal	#	4
16) Acetone	3.942	43	2245	9.688	ug/l #	85
20) Methylene Chloride	4.722	84	1488	1.567	ug/l #	68
25) 2-Butanone	6.990	43	560	1.952	ug/l #	54
31) Cyclohexane	7.789	56	1693	1.096	ug/l #	61
36) 1,1-Dichloropropene	7.783	75	5891	4.083	ug/l #	52
38) Carbon Tetrachloride	7.783	117	8662	5.283	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	33607	45.563	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33607	94.699	ug/l #	7
86) p-Isopropyltoluene	13.367	119	9815	1.974	ug/l	98

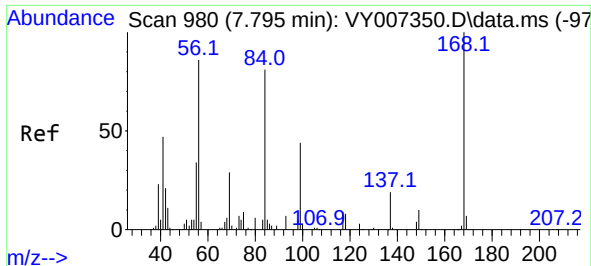
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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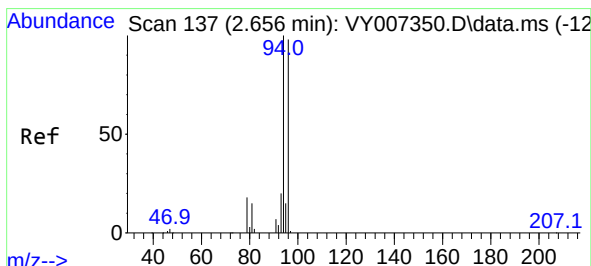
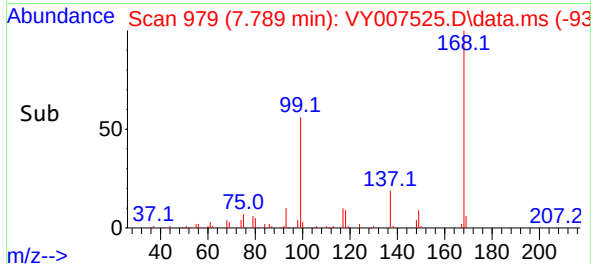
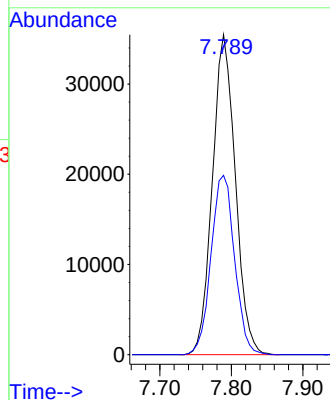
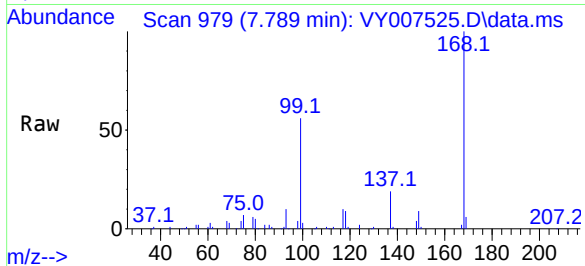




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

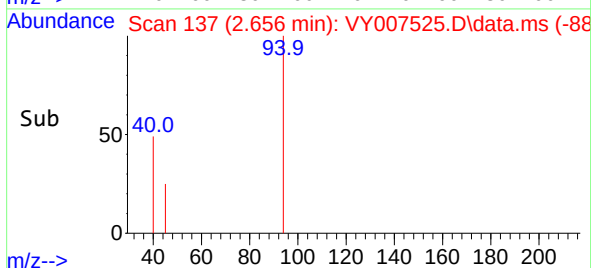
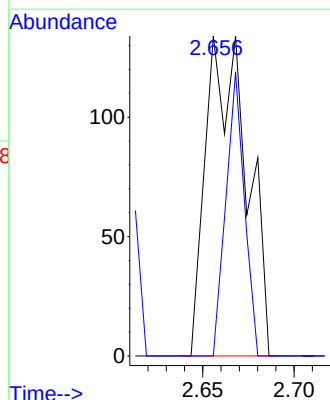
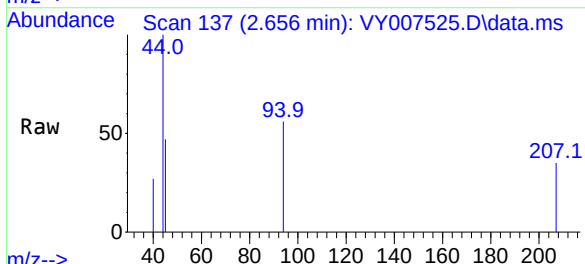
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-021622

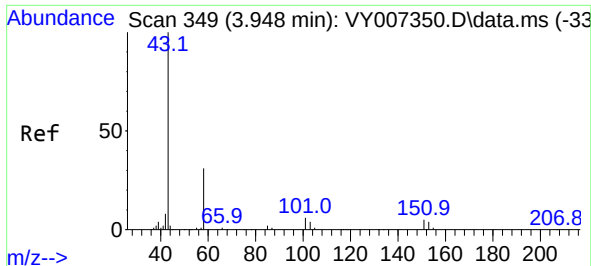
Tgt Ion:168 Resp: 79112
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

Tgt Ion: 94 Resp: 208
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#

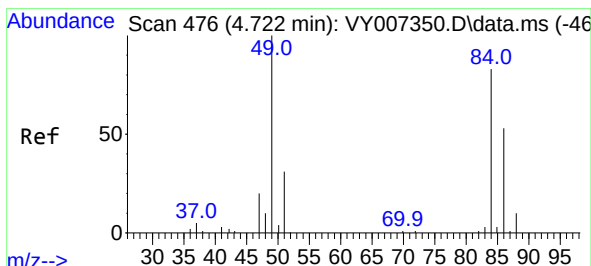
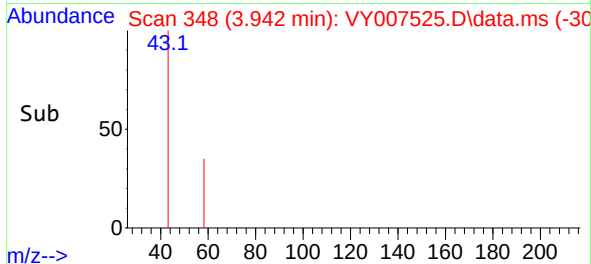
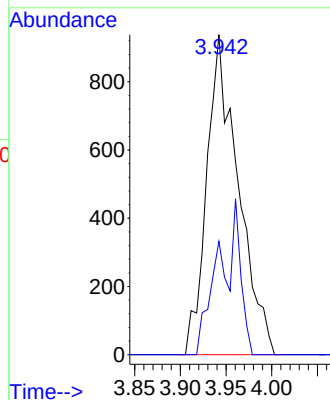
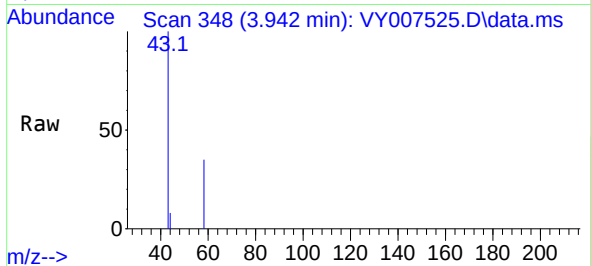




#16
Acetone
Concen: 9.688 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

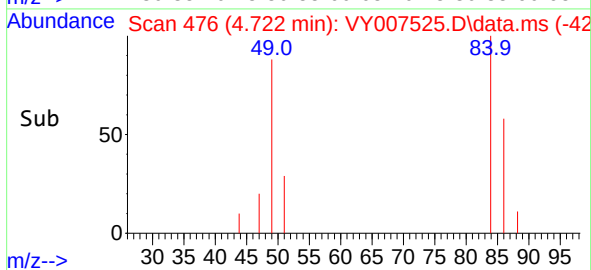
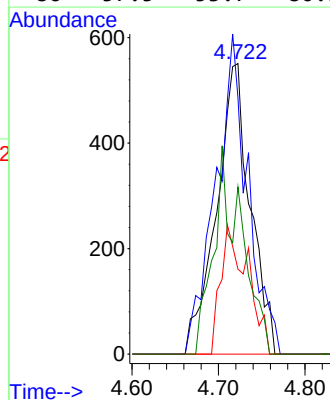
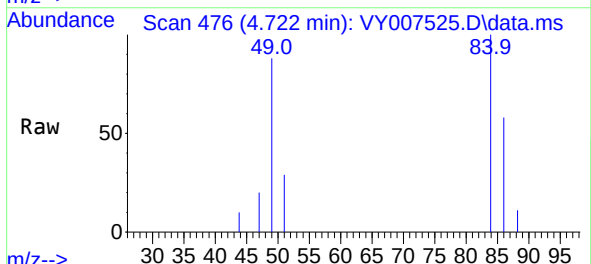
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-021622

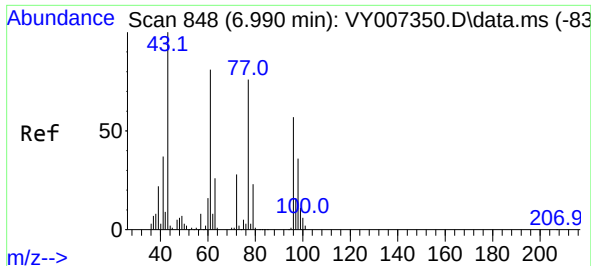
Tgt Ion: 43 Resp: 2245
Ion Ratio Lower Upper
43 100
58 35.4 22.0 33.0#



#20
Methylene Chloride
Concen: 1.567 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

Tgt Ion: 84 Resp: 1488
Ion Ratio Lower Upper
84 100
49 88.2 114.4 171.6#
51 29.2 35.3 52.9#
86 57.5 53.7 80.5

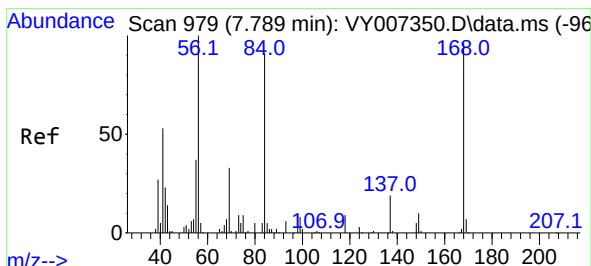
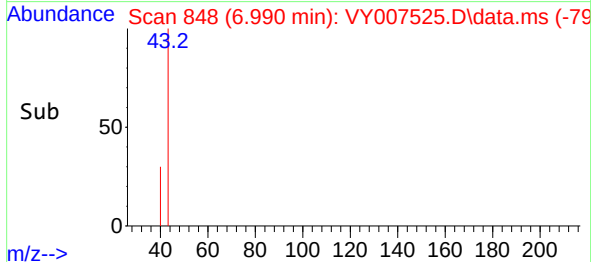
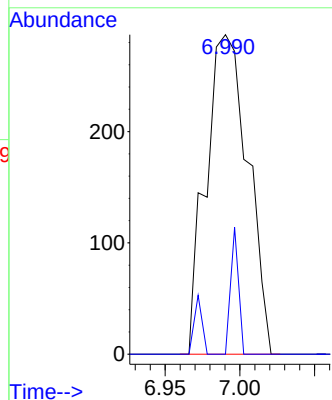
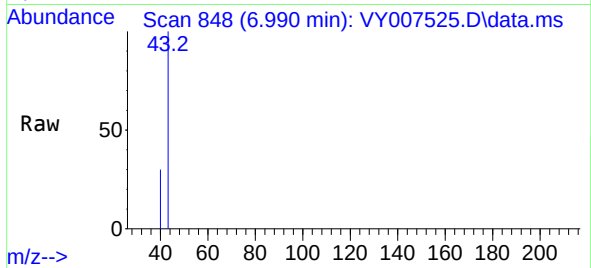




#25
2-Butanone
Concen: 1.952 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

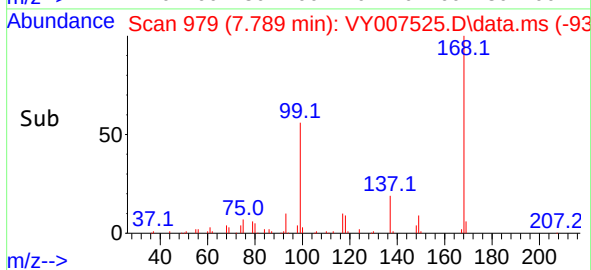
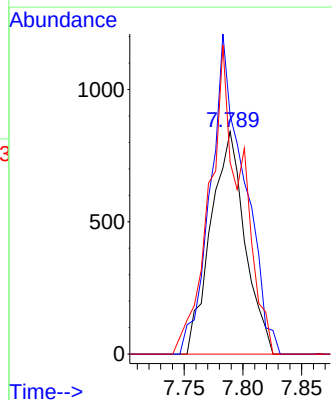
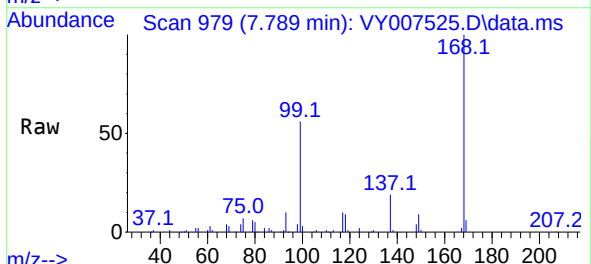
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-021622

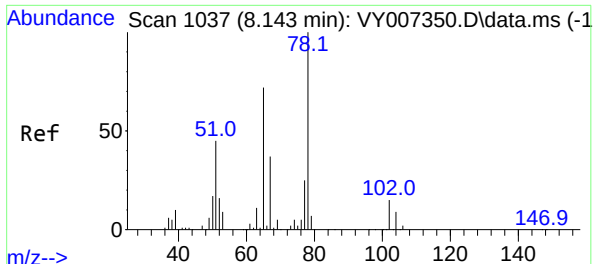
Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

Tgt Ion: 56 Resp: 1693
Ion Ratio Lower Upper
56 100
69 107.3 26.7 40.1#
84 86.2 67.2 100.8

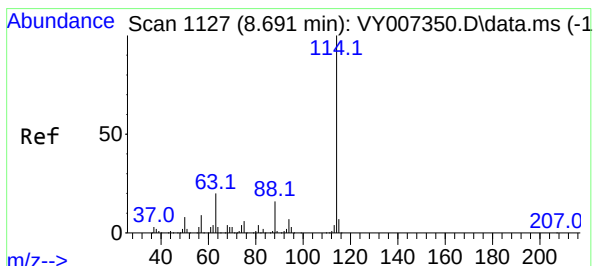
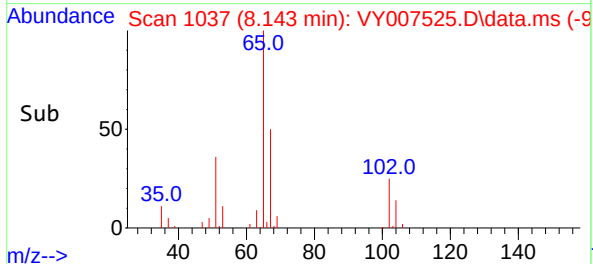
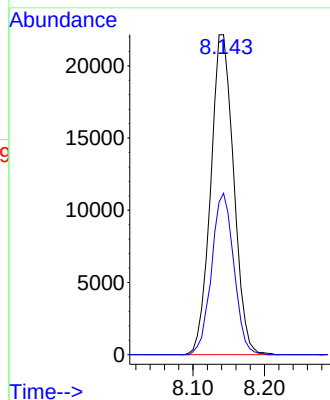
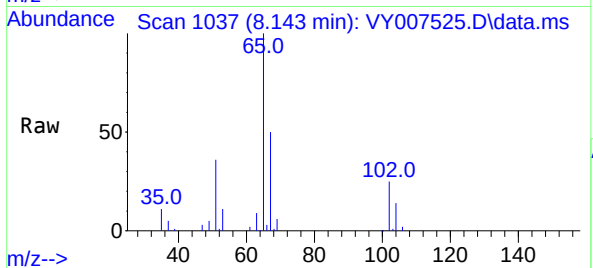




#33
1,2-Dichloroethane-d4
Concen: 56.686 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

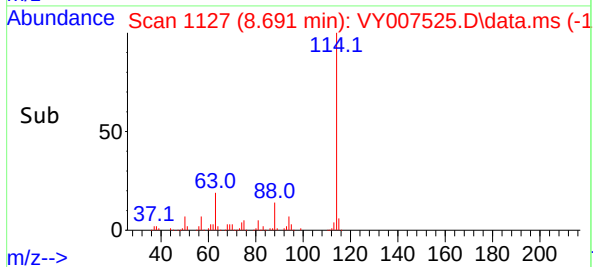
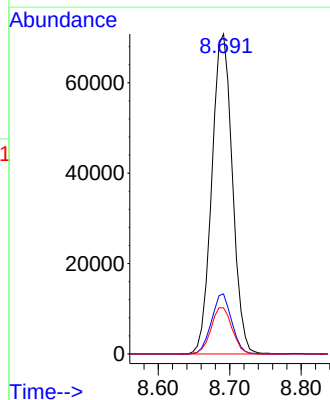
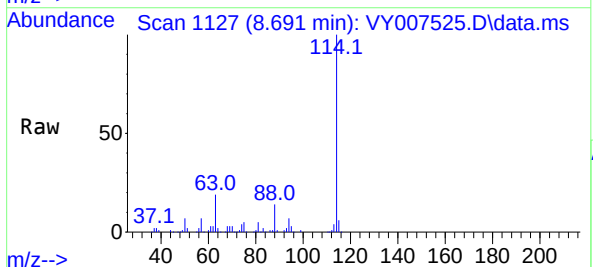
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-021622

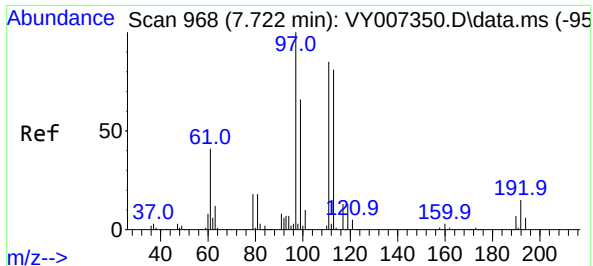
Tgt Ion: 65 Resp: 49512
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

Tgt Ion: 114 Resp: 141226
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 14.4 0.0 31.8

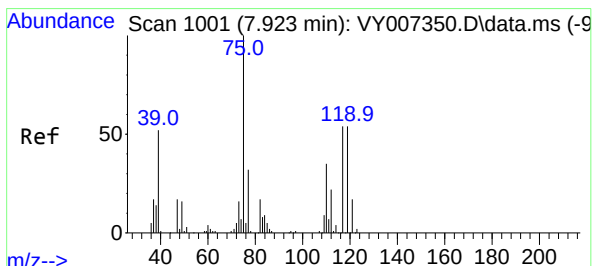
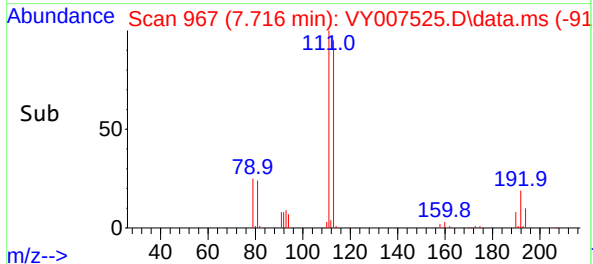
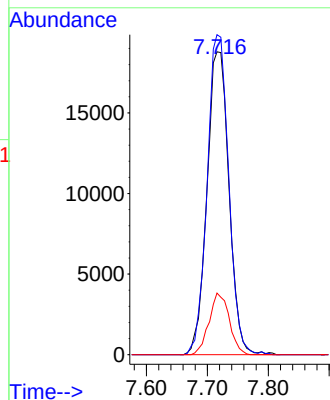
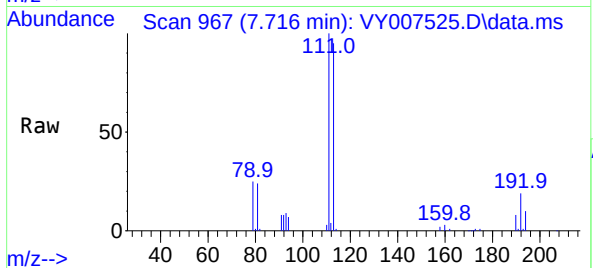




#35
Dibromofluoromethane
Concen: 53.142 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

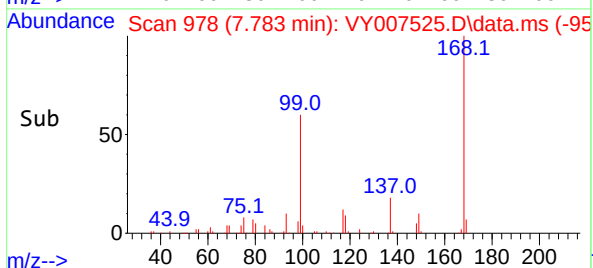
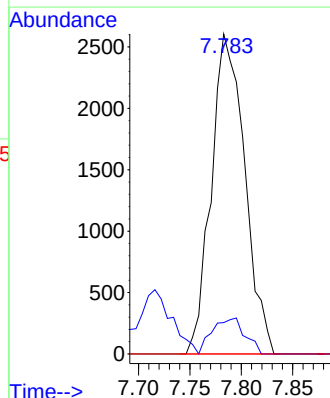
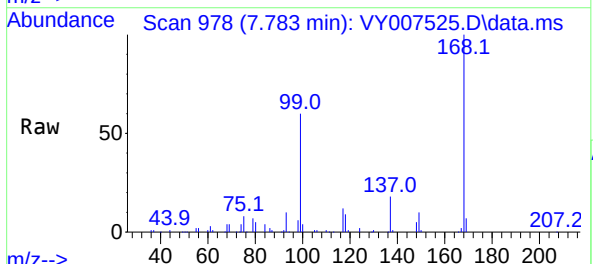
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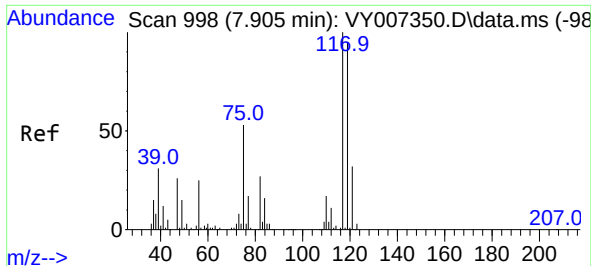
Tgt Ion:113 Resp: 47329
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.083 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

Tgt Ion: 75 Resp: 5891
Ion Ratio Lower Upper
75 100
110 10.9 17.1 51.2#
77 0.0 24.4 36.6#

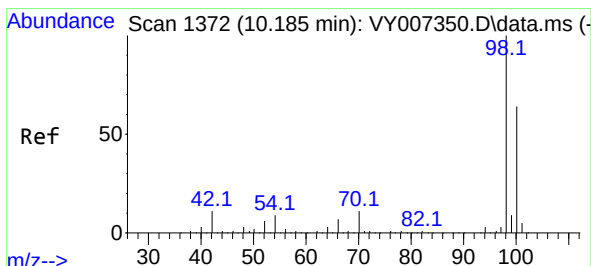
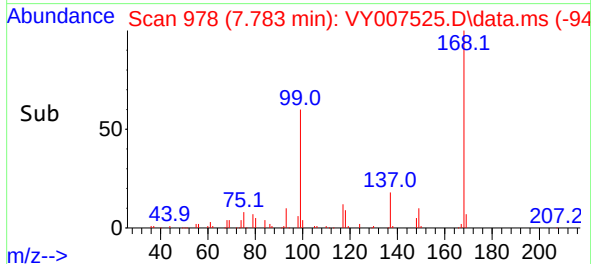
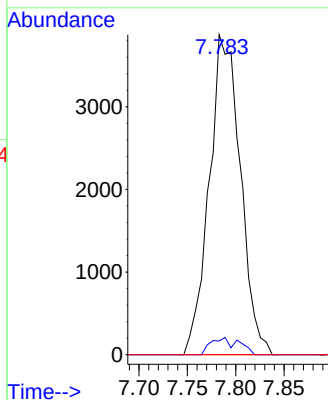
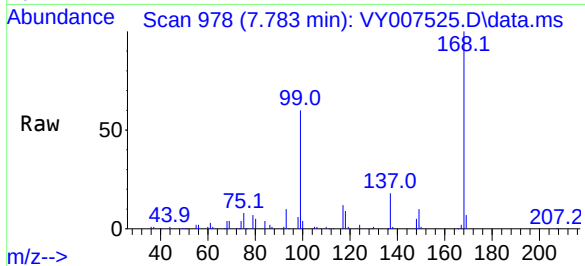




#38
Carbon Tetrachloride
Concen: 5.283 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

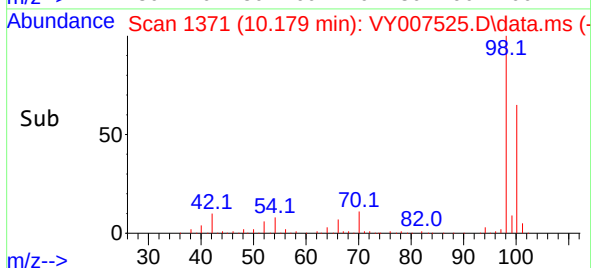
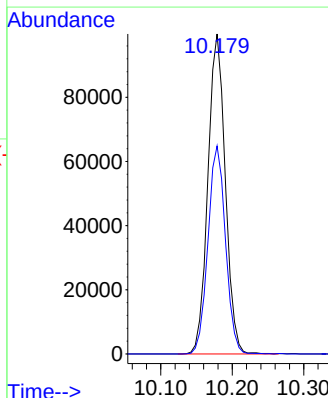
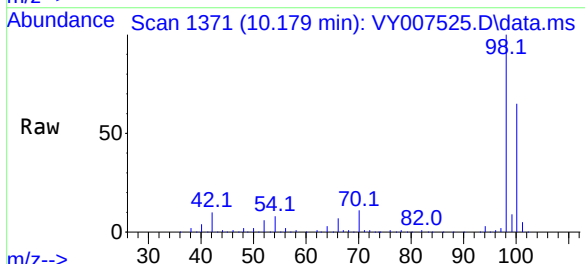
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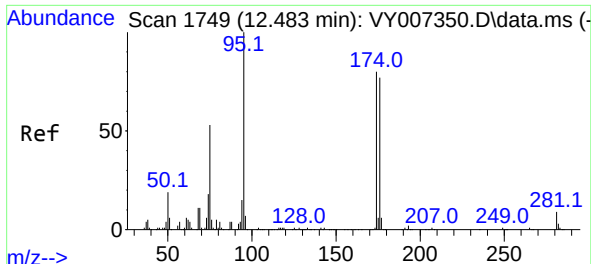
Tgt Ion:117 Resp: 8662
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.826 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

Tgt Ion: 98 Resp: 168545
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

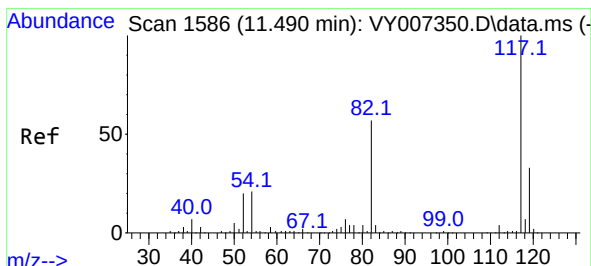
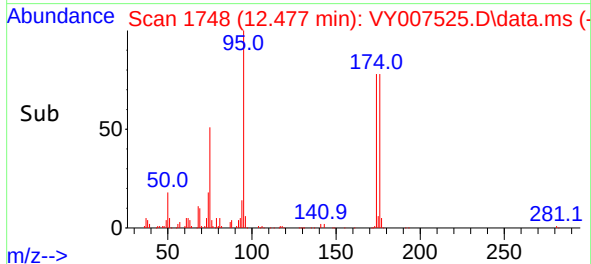
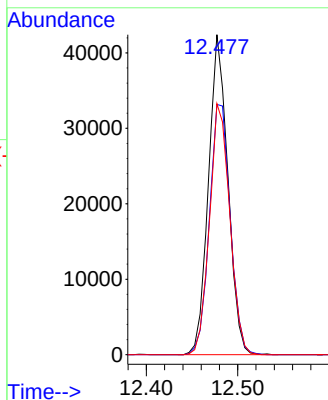
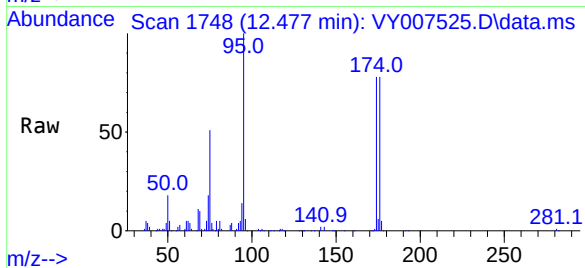




#62
4-Bromofluorobenzene
Concen: 54.405 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

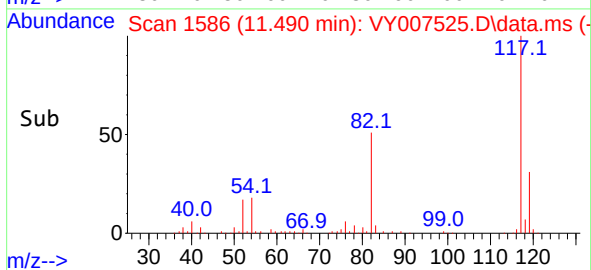
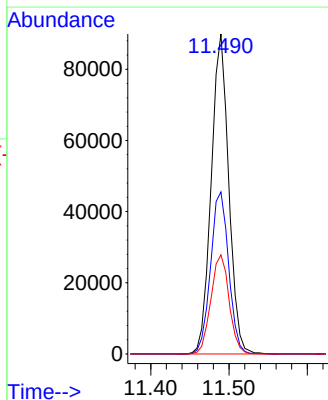
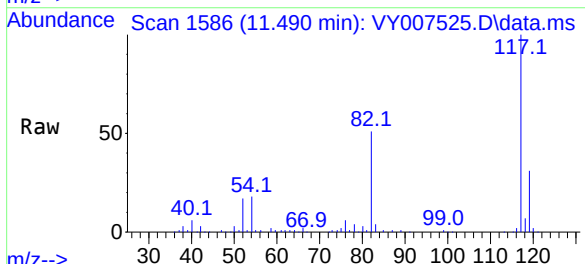
Instrument :
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CL-01-021622

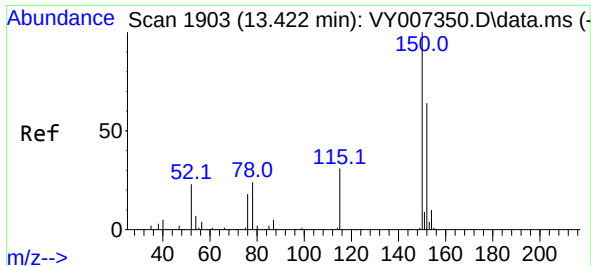
Tgt Ion: 95 Resp: 62401
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

Tgt Ion: 117 Resp: 139424
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 31.0 25.4 38.0

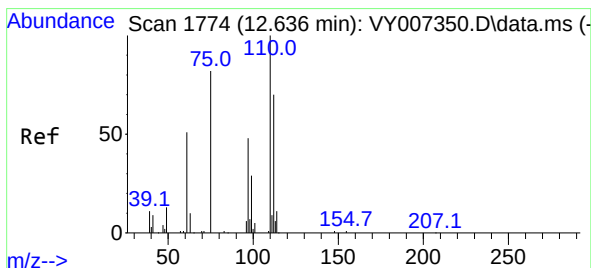
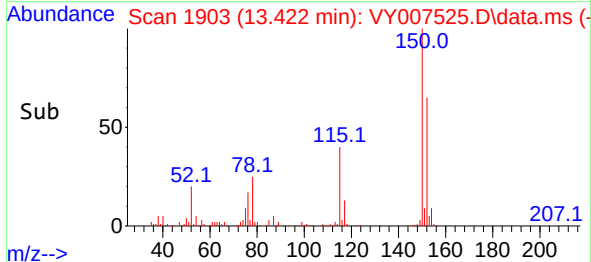
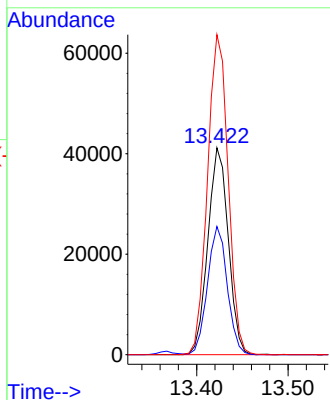
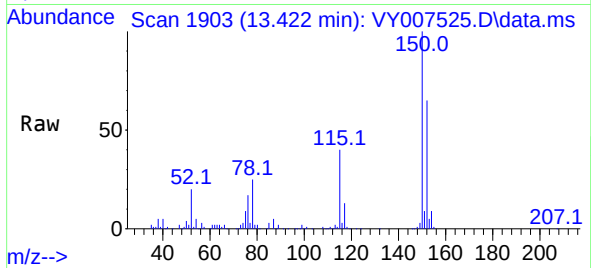




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007525.D
 Acq: 17 Feb 2022 16:14

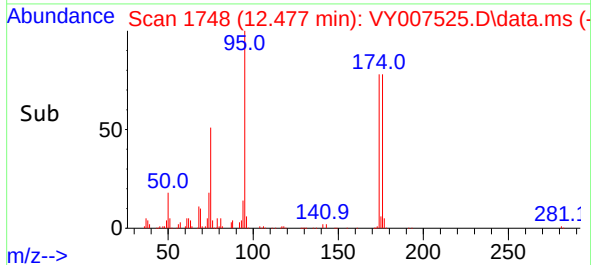
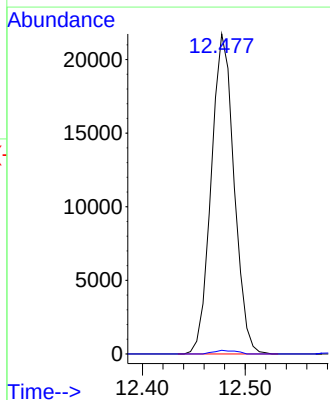
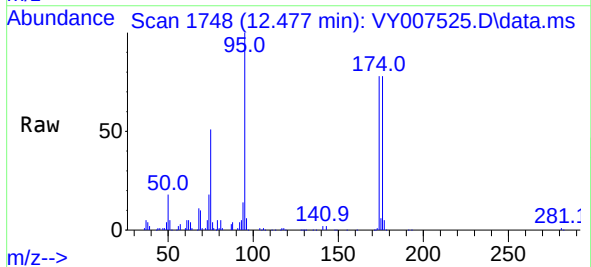
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-021622

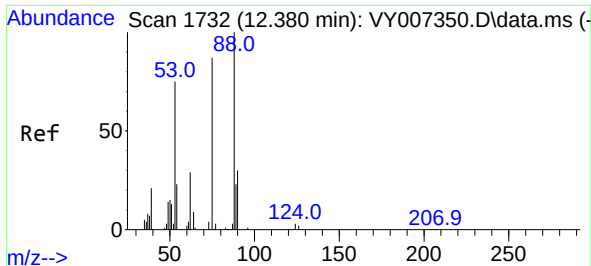
Tgt Ion:152 Resp: 63837
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.563 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY007525.D
 Acq: 17 Feb 2022 16:14

Tgt Ion: 75 Resp: 33607
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

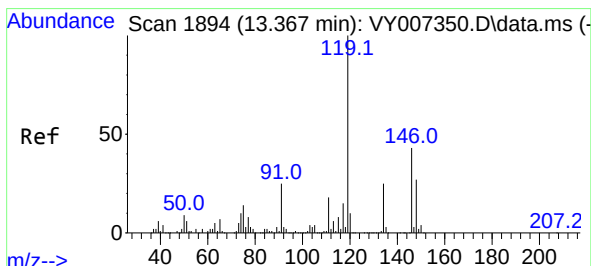
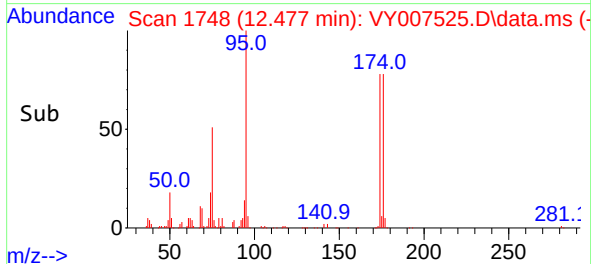
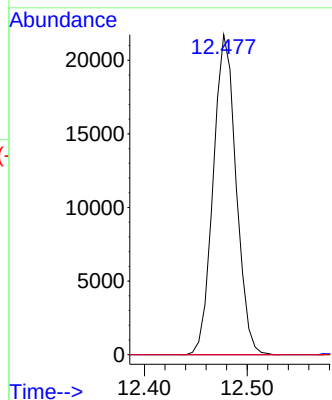
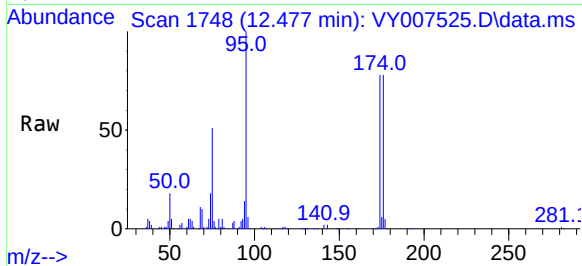




#81
trans-1,4-Dichloro-2-butene
Concen: 94.699 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-021622

Tgt Ion: 75 Resp: 33607
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#86
p-Isopropyltoluene
Concen: 1.974 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007525.D
Acq: 17 Feb 2022 16:14

Tgt Ion: 119 Resp: 9815
Ion Ratio Lower Upper
119 100
134 25.2 13.2 39.5
91 23.6 12.4 37.2

