

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008290.D
 Acq On : 12 Apr 2022 16:09
 Operator : KP/MD
 Sample : N2329-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 285

Quant Time: Apr 13 08:13:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

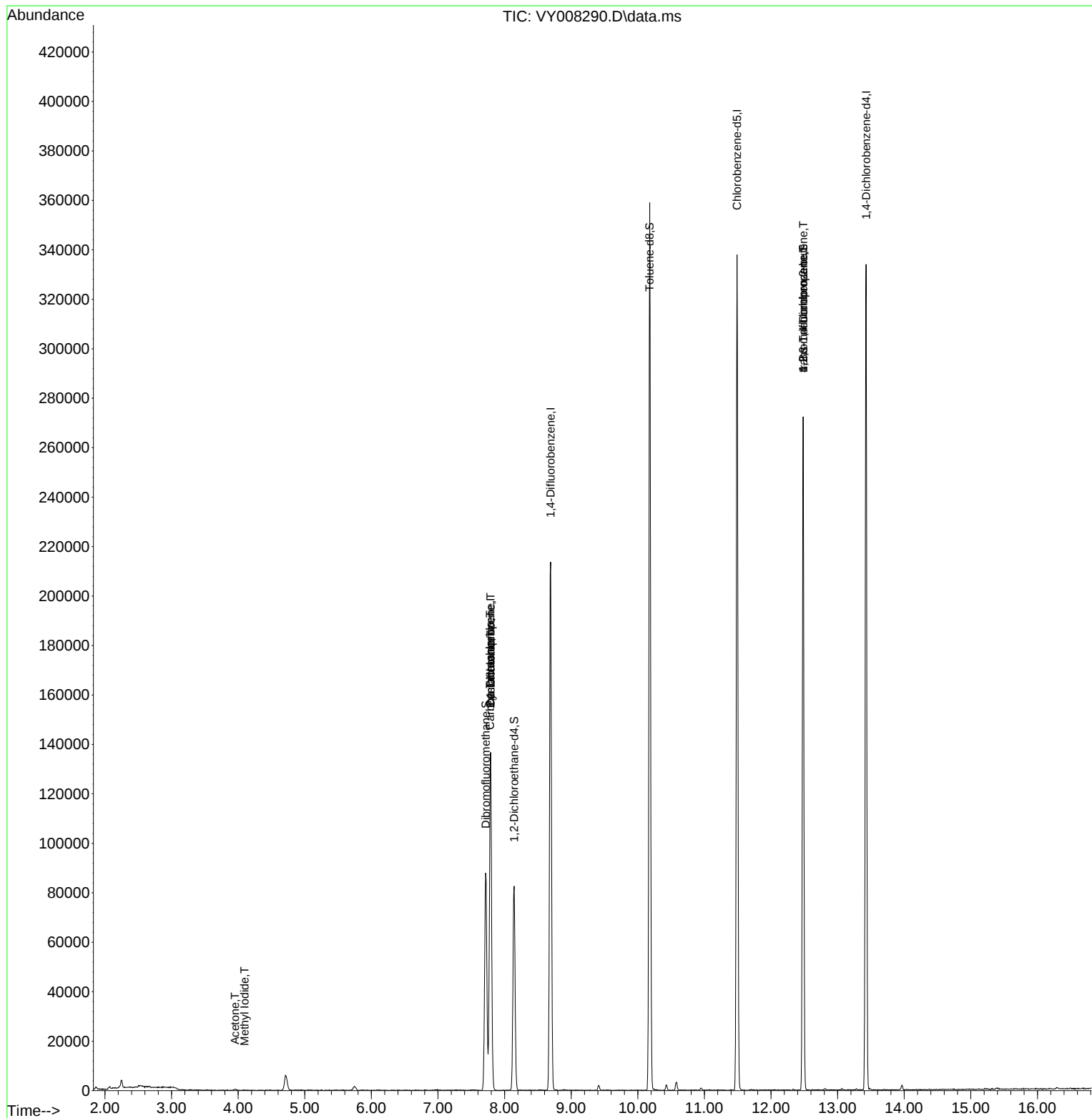
Internal Standards						
1) Pentafluorobenzene	7.789	168	106860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63351	63.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.220%	
35) Dibromofluoromethane	7.716	113	62821	55.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.340%	
50) Toluene-d8	10.179	98	236788	61.324	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.640%	
62) 4-Bromofluorobenzene	12.483	95	82508	56.811	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	229	Below Cal	#	44
5) Bromomethane	2.668	94	222	Below Cal	#	54
10) Methyl Iodide	4.095	142	75	2.446	ug/l #	35
16) Acetone	3.954	43	815	3.376	ug/l	96
18) Methyl Acetate	4.473	43	230	Below Cal	#	73
20) Methylene Chloride	4.710	84	4835	Below Cal	#	76
31) Cyclohexane	7.789	56	2084	1.148	ug/l #	21
36) 1,1-Dichloropropene	7.789	75	8024	4.453	ug/l #	51
38) Carbon Tetrachloride	7.783	117	10372	5.350	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	42938	44.520	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42938	99.612	ug/l #	7

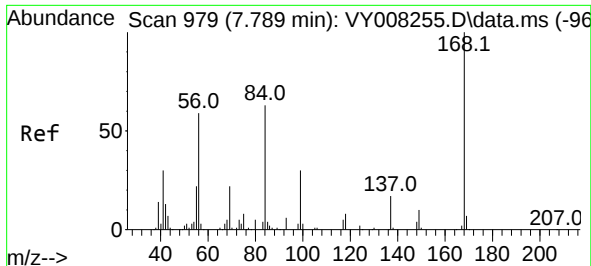
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
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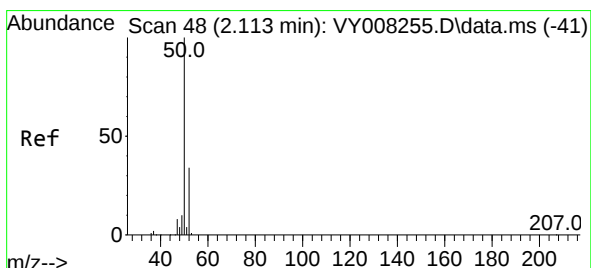
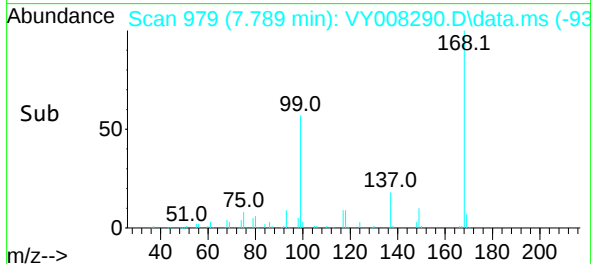
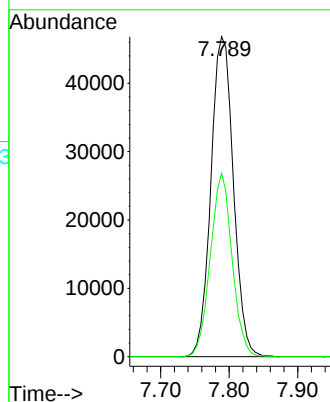
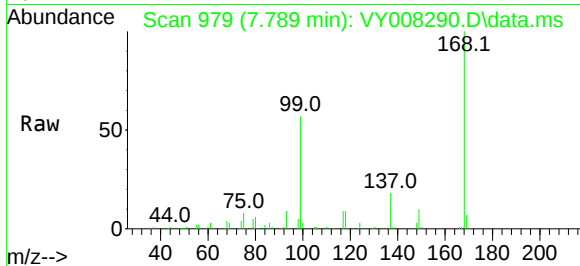




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

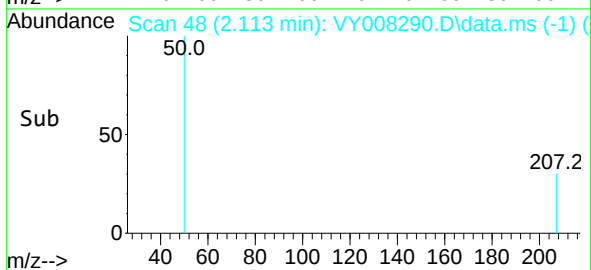
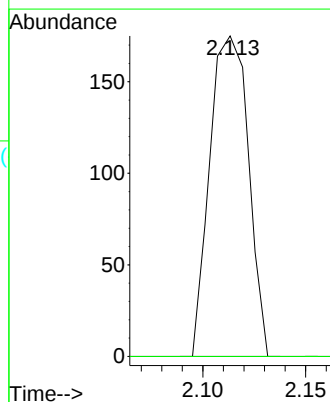
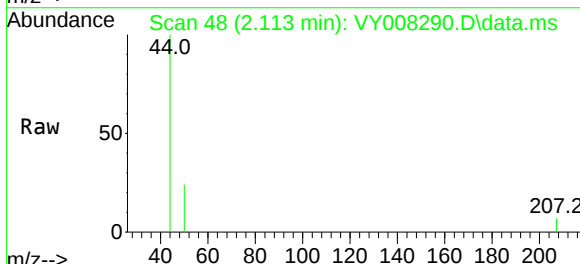
Instrument :
MSVOA_Y
ClientSampleId :
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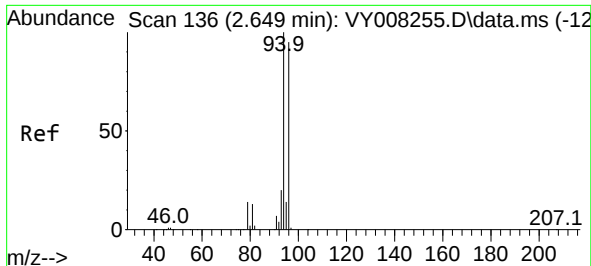
Tgt Ion:168 Resp: 106860
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

Tgt Ion: 50 Resp: 229
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

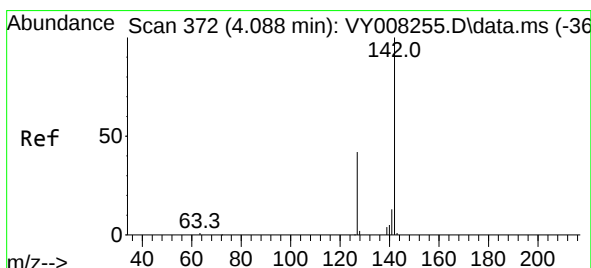
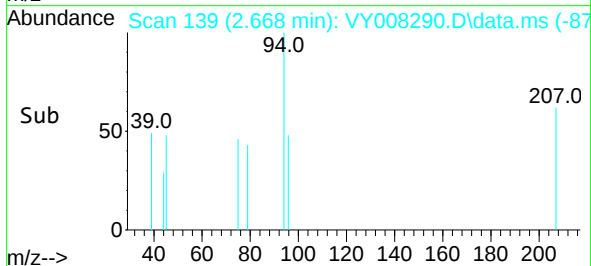
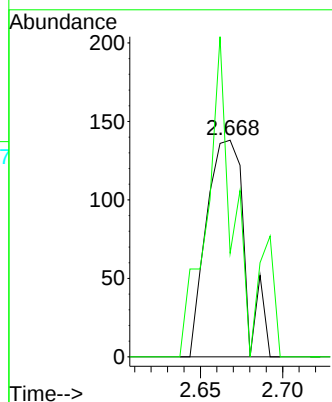
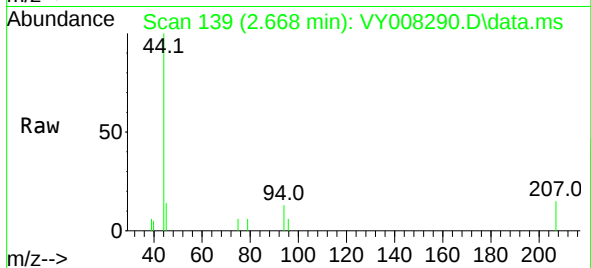




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

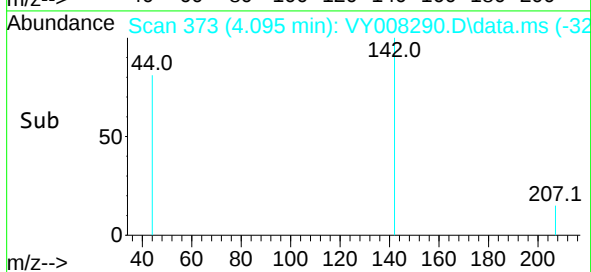
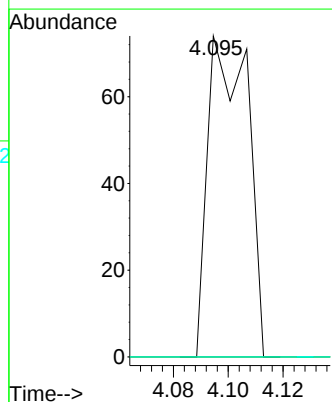
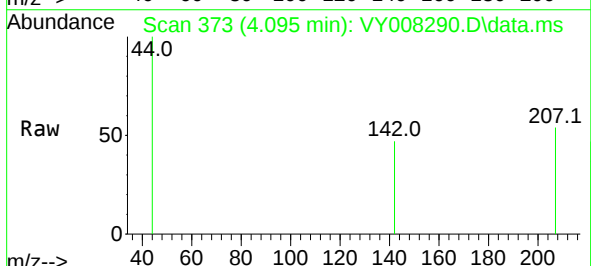
Instrument :
MSVOA_Y
ClientSampleId :
285

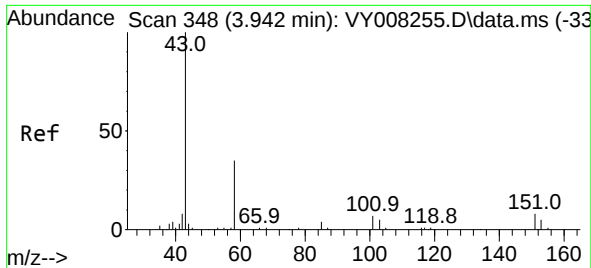
Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 47.8 73.5 110.3#



#10
Methyl Iodide
Concen: 2.446 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

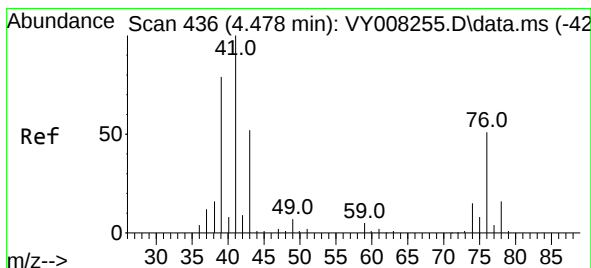
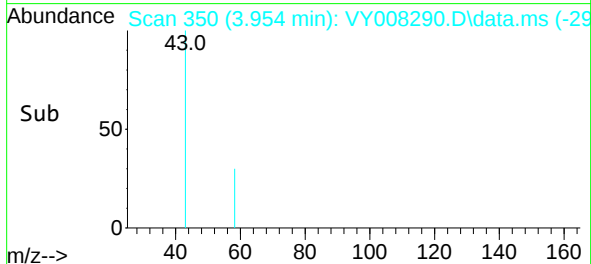
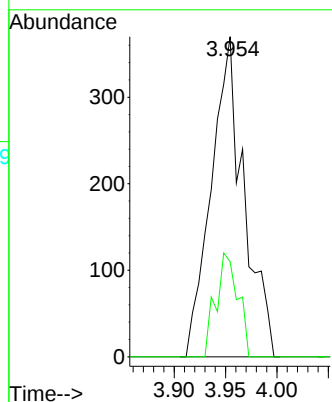
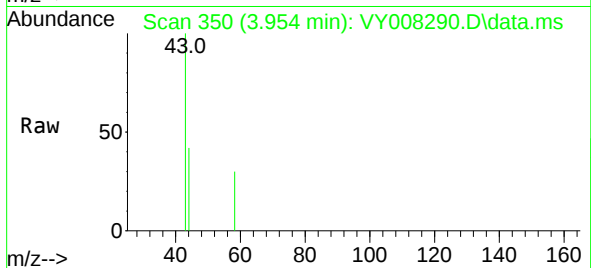




#16
Acetone
Concen: 3.376 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

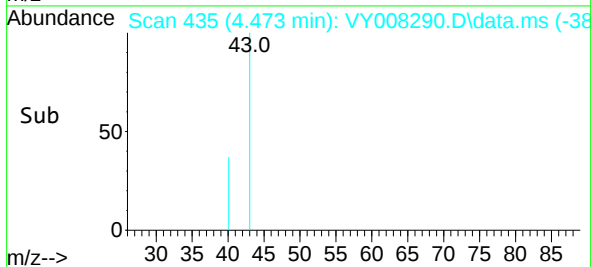
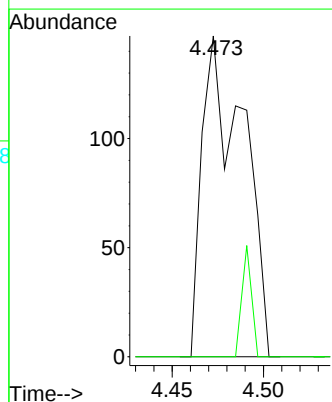
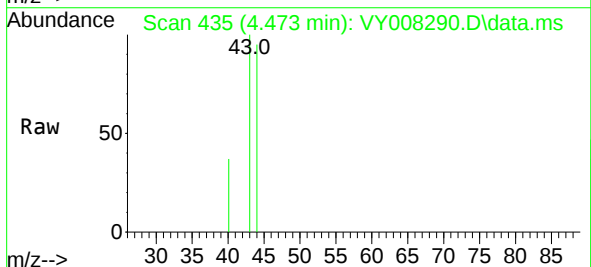
Instrument :
MSVOA_Y
ClientSampleId :
285

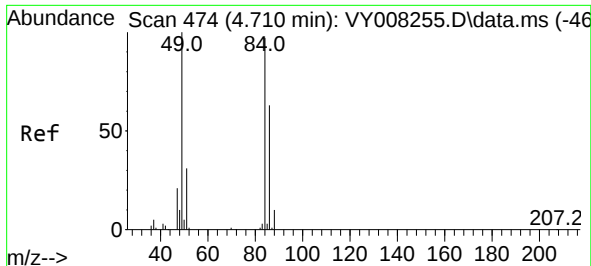
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
58 29.7 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
74 8.3 16.6 24.8#

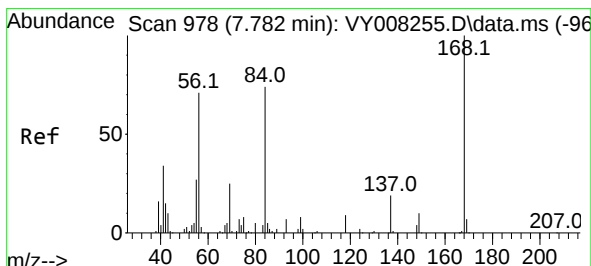
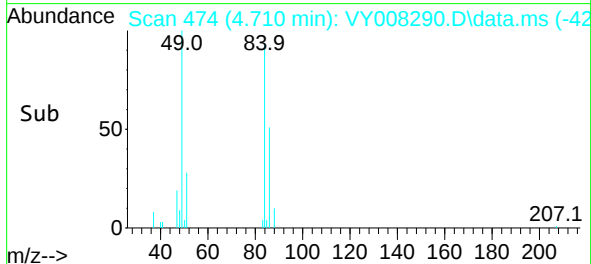
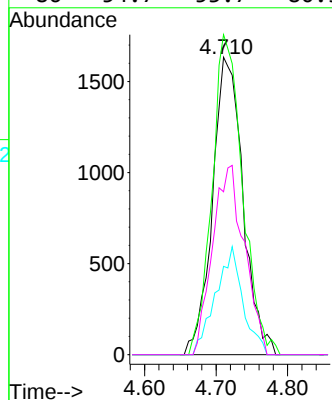
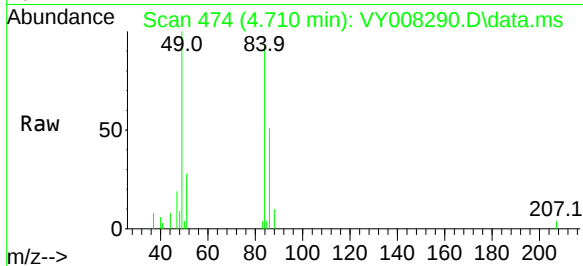




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

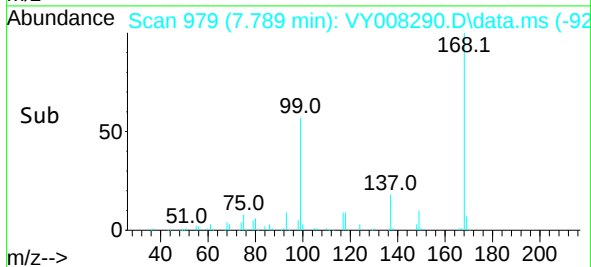
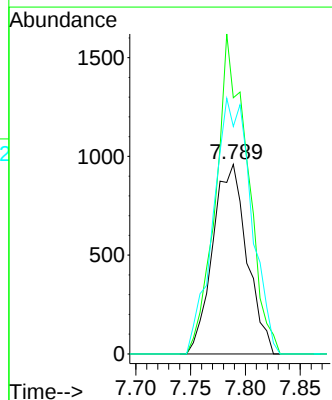
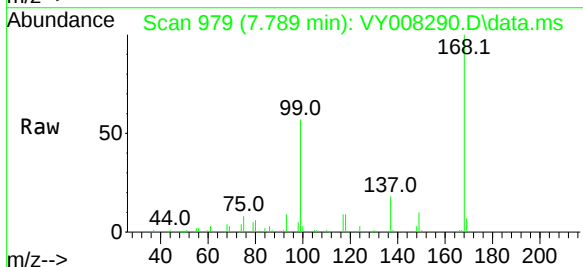
Instrument :
MSVOA_Y
ClientSampleId :
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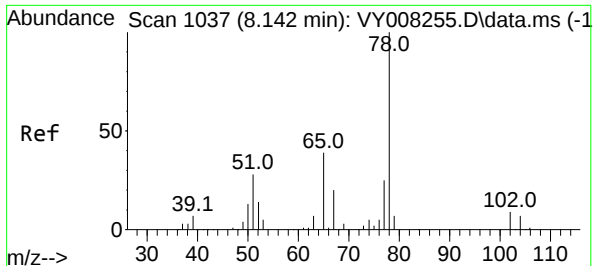
Tgt Ion: 84 Resp: 4835
Ion Ratio Lower Upper
84 100
49 107.6 114.4 171.6#
51 29.7 35.3 52.9#
86 54.7 53.7 80.5



#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

Tgt Ion: 56 Resp: 2084
Ion Ratio Lower Upper
56 100
69 135.1 26.7 40.1#
84 120.0 67.2 100.8#

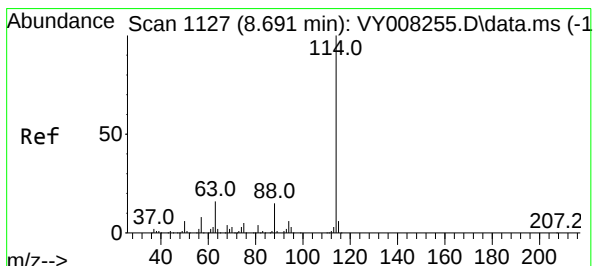
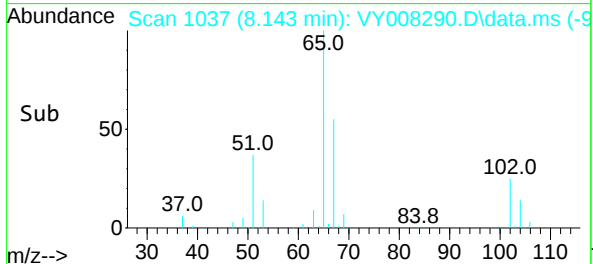
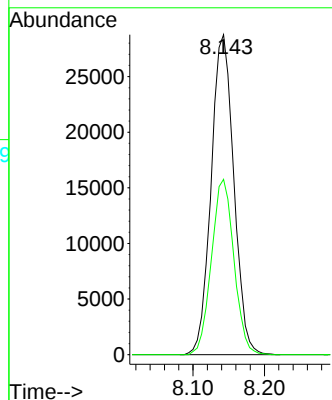
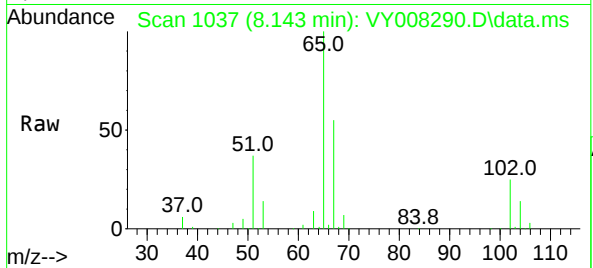




#33
 1,2-Dichloroethane-d4
 Concen: 63.114 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008290.D
 Acq: 12 Apr 2022 16:09

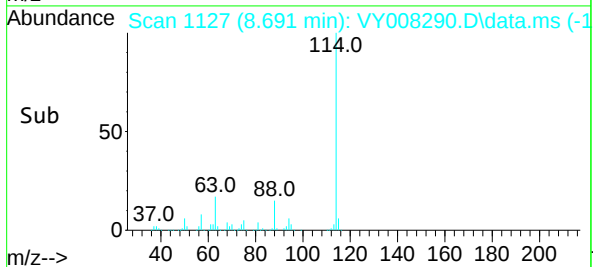
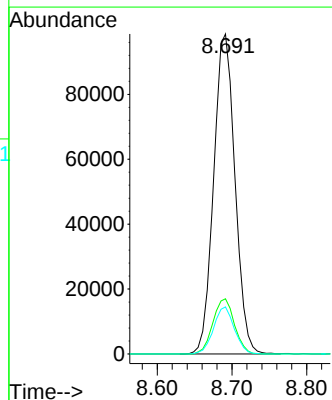
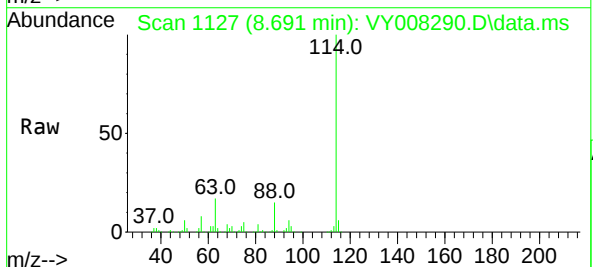
Instrument :
 MSVOA_Y
 ClientSampleId :
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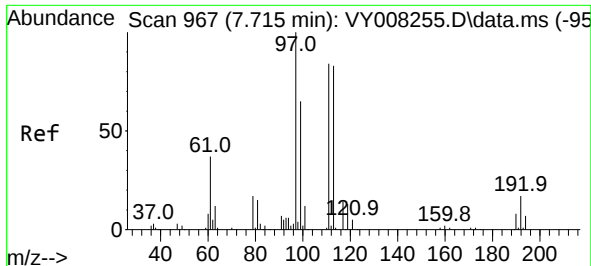
Tgt Ion: 65 Resp: 63351
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008290.D
 Acq: 12 Apr 2022 16:09

Tgt Ion: 114 Resp: 195372
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 43.2
 88 14.7 0.0 31.8

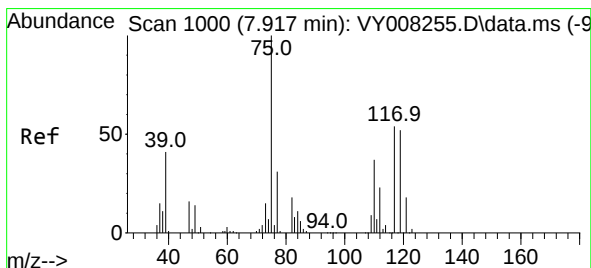
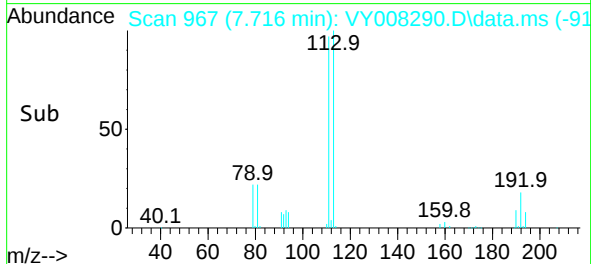
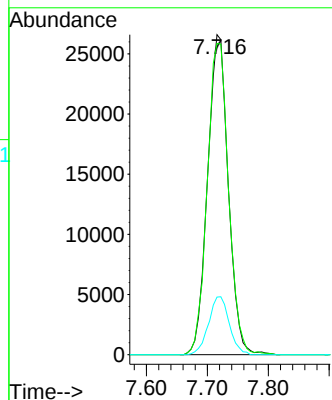
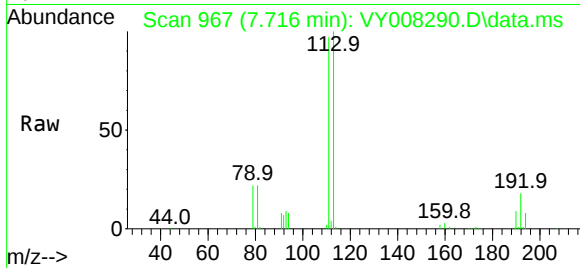




#35
Dibromofluoromethane
Concen: 55.671 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

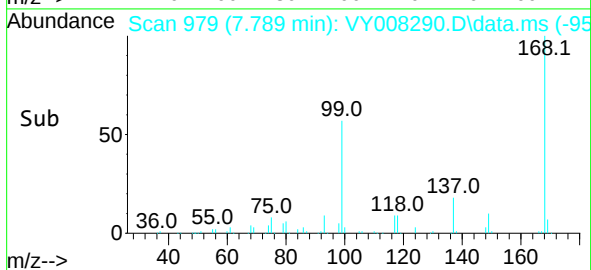
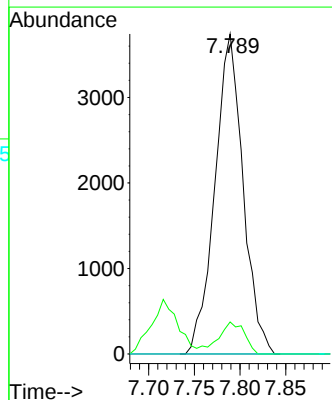
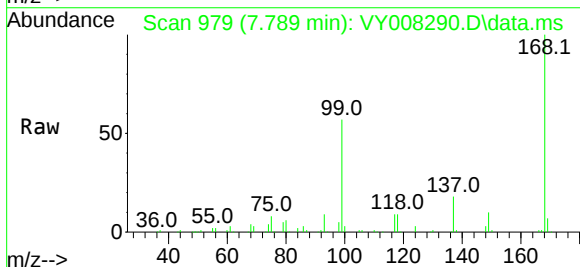
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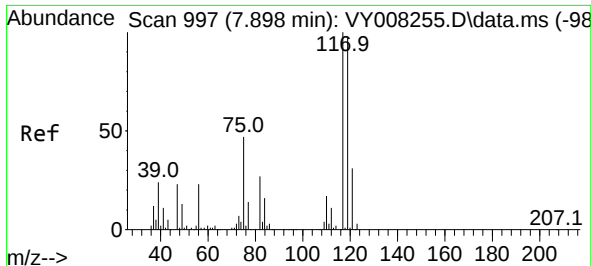
Tgt Ion:113 Resp: 62821
Ion Ratio Lower Upper
113 100
111 100.2 82.6 124.0
192 18.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.453 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

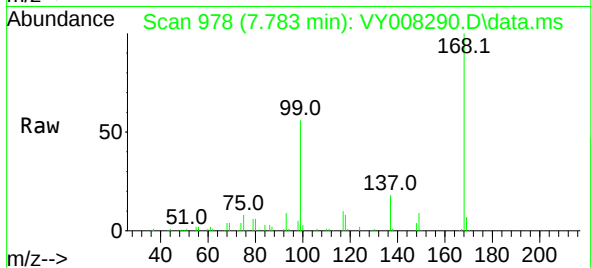
Tgt Ion: 75 Resp: 8024
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



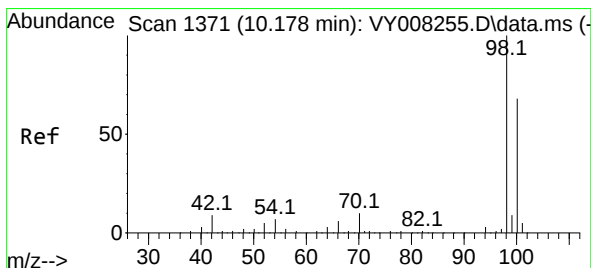
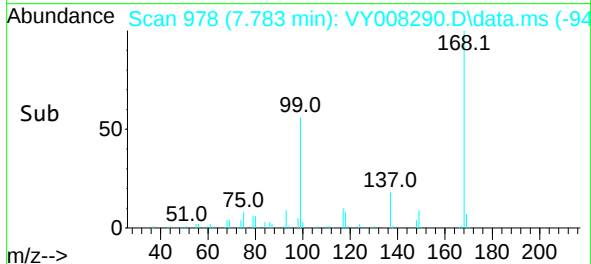
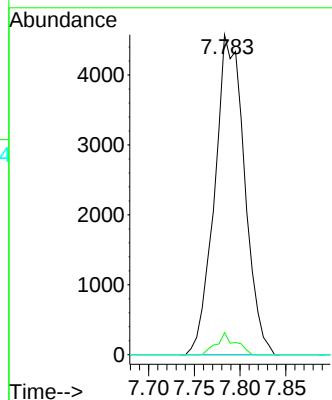


#38
Carbon Tetrachloride
Concen: 5.350 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

Instrument :
MSVOA_Y
ClientSampleId :
285

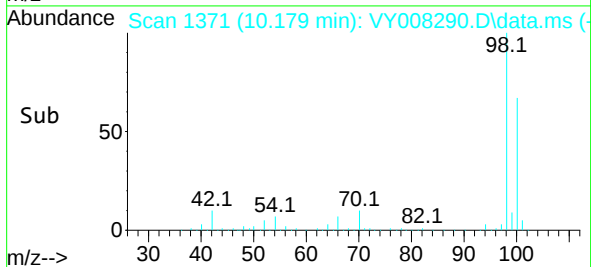
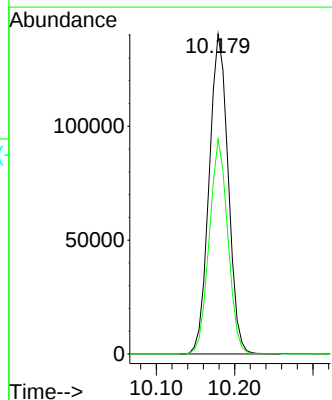
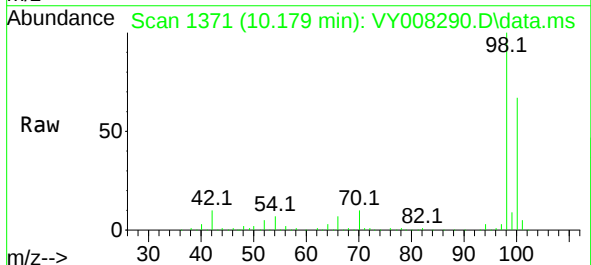


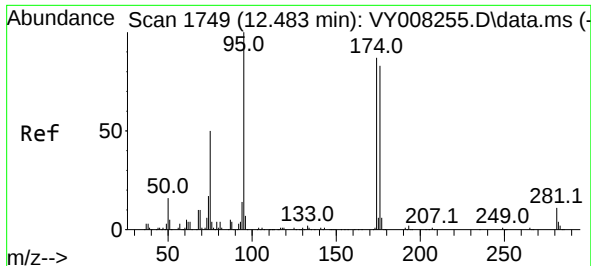
Tgt Ion:117 Resp: 10372
Ion Ratio Lower Upper
117 100
119 6.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.324 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

Tgt Ion: 98 Resp: 236788
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

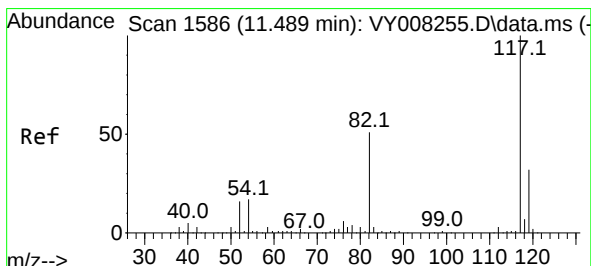
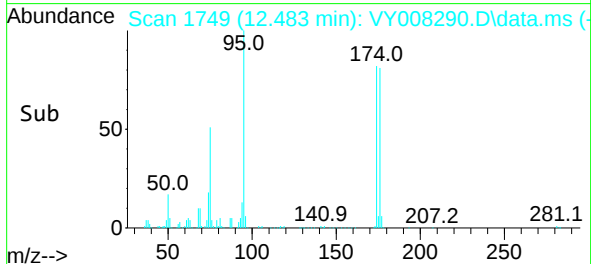
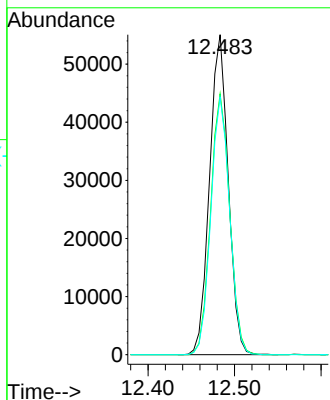
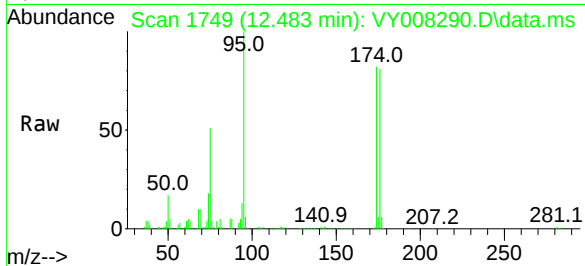




#62
4-Bromofluorobenzene
Concen: 56.811 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

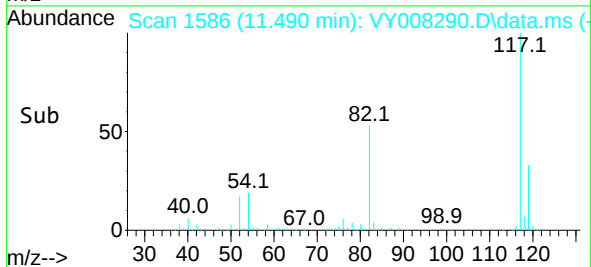
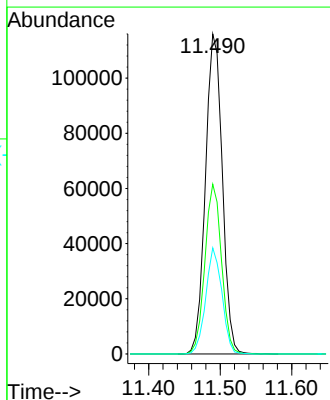
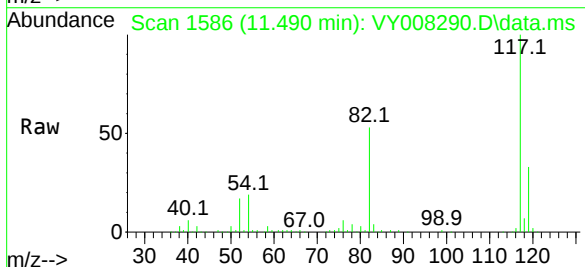
Instrument :
MSVOA_Y
ClientSampleId :
285

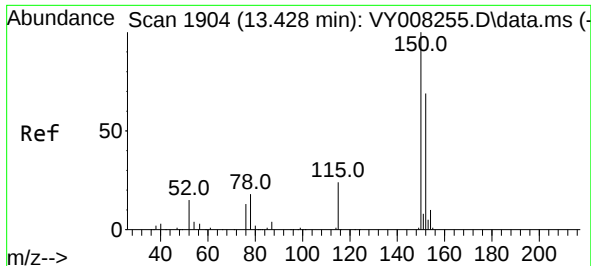
Tgt Ion: 95 Resp: 82508
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 81.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008290.D
Acq: 12 Apr 2022 16:09

Tgt Ion: 117 Resp: 190114
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 33.1 25.4 38.0

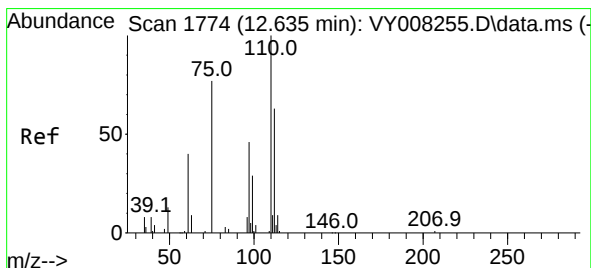
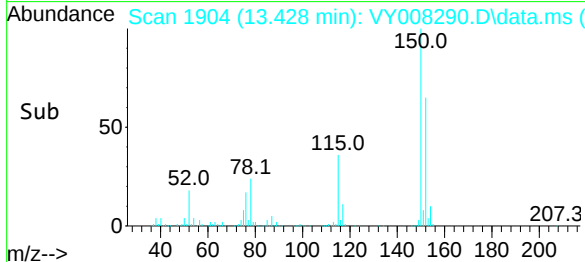
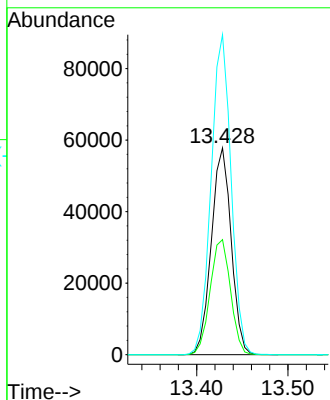
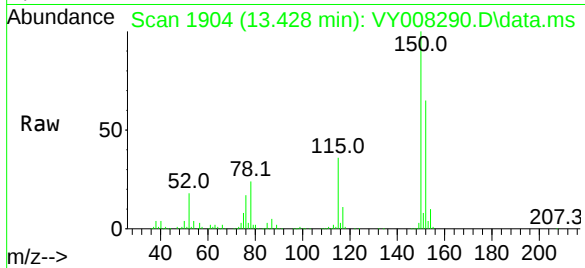




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008290.D
 Acq: 12 Apr 2022 16:09

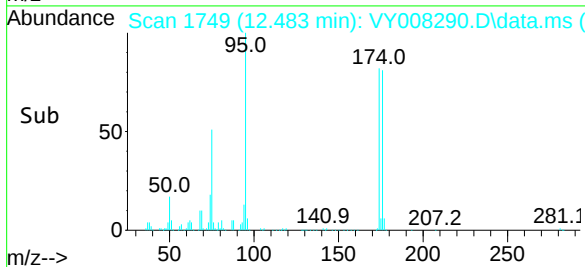
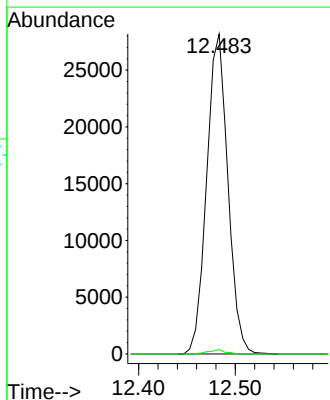
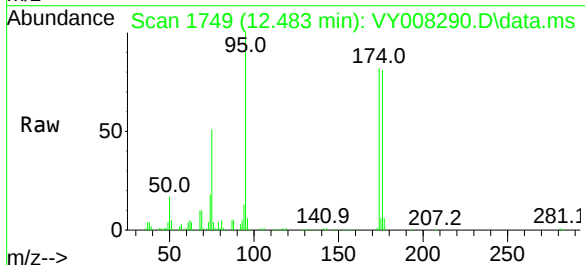
Instrument :
 MSVOA_Y
 ClientSampleId :
 285

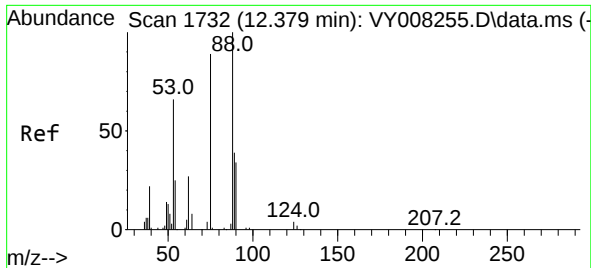
Tgt Ion:152 Resp: 87205
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 155.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 44.520 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008290.D
 Acq: 12 Apr 2022 16:09

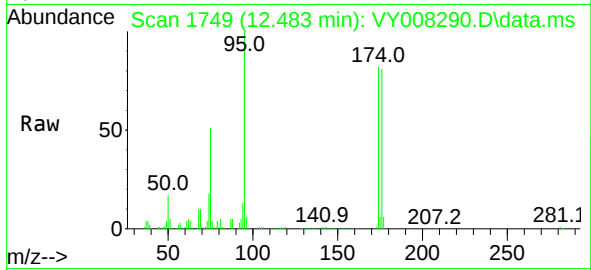
Tgt Ion: 75 Resp: 42938
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.612 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008290.D
 Acq: 12 Apr 2022 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 285



Tgt Ion: 75 Resp: 42938
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

