

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004710.D
 Acq On : 04 May 2021 13:12
 Operator : SY/MD
 Sample : M2236-01
 Misc : 5.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 01:33:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

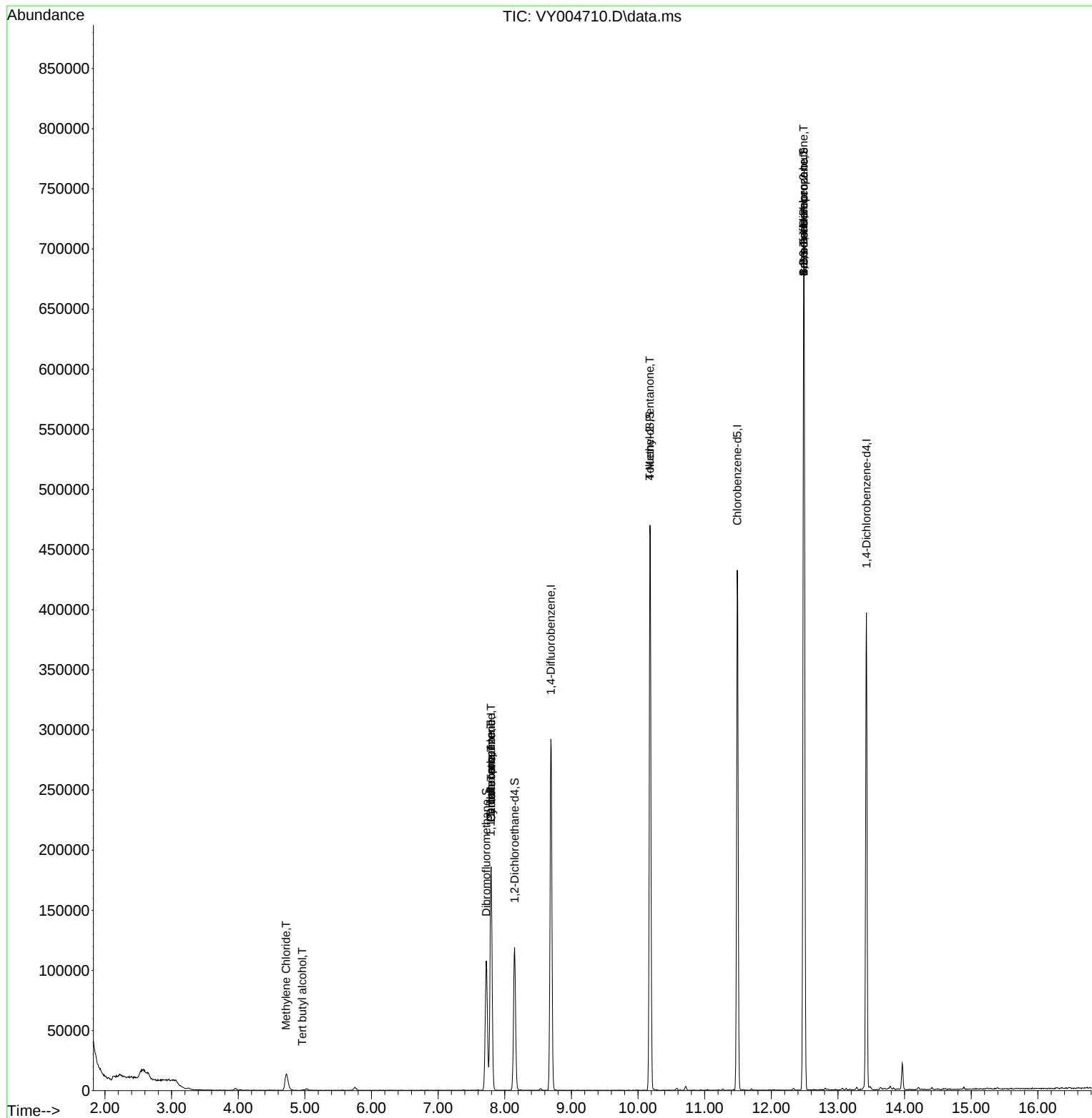
Internal Standards						
1) Pentafluorobenzene	7.795	168	137995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90656	59.13	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.26%			
35) Dibromofluoromethane	7.722	113	72509	53.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.56%			
50) Toluene-d8	10.179	98	295081	51.45	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.90%			
62) 4-Bromofluorobenzene	12.483	95	95966	49.31	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.62%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	422	2.79	ug/l #	73
16) Acetone	3.954	43	2654	Below Cal	#	76
20) Methylene Chloride	4.716	84	9691	6.54	ug/l #	93
31) Cyclohexane	7.795	56	3425	1.22	ug/l #	28
36) 1,1-Dichloropropene	7.789	75	11704	4.85	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14392	6.90	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1547	1.02	ug/l #	1
71) Bromoform	12.483	173	1023	1.06	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	57393	58.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57393	104.01	ug/l #	13

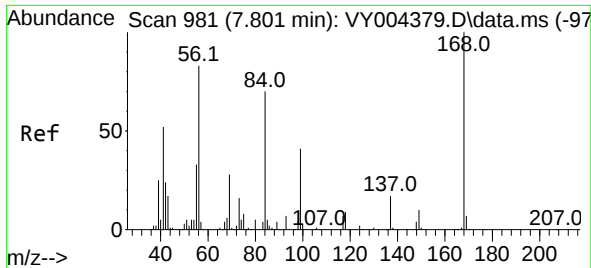
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :

Quant Time: May 05 01:33:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

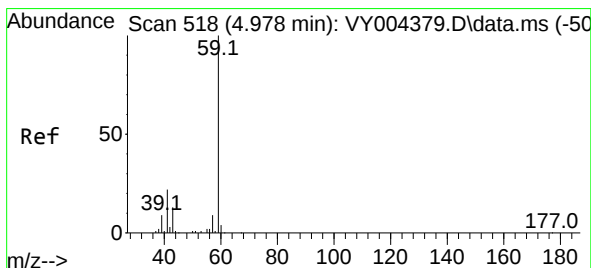
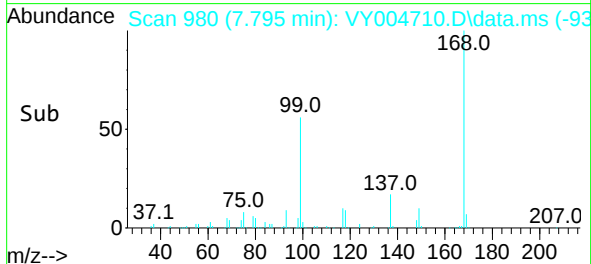
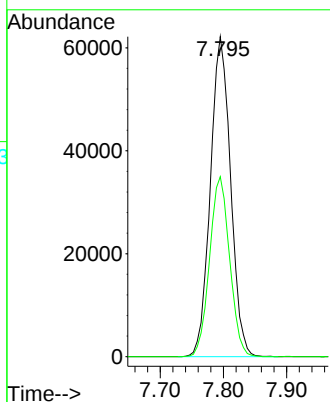
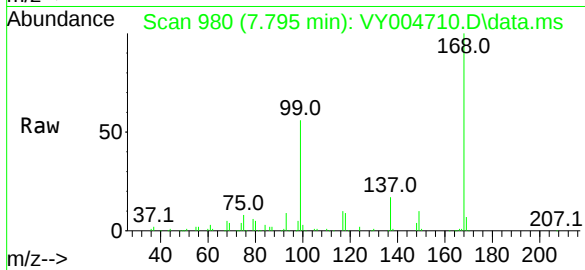




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

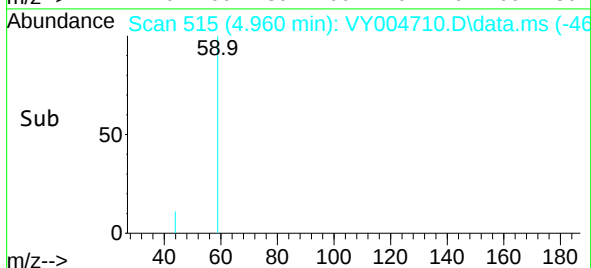
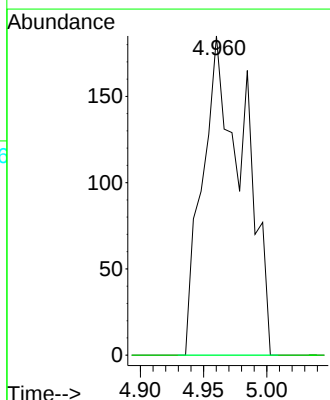
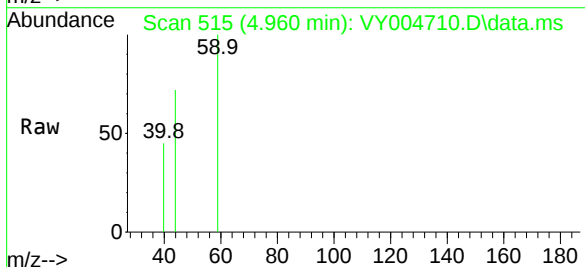
Instrument :
MSVOA_Y
ClientSampleId :

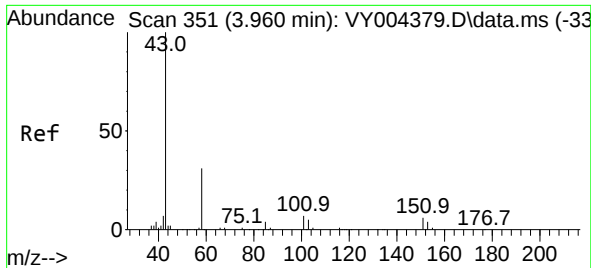
Tgt Ion:168 Resp: 137995
Ion Ratio Lower Upper
168 100
99 56.3 45.5 68.3



#11
Tert butyl alcohol
Concen: 2.79 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Tgt Ion: 59 Resp: 422
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

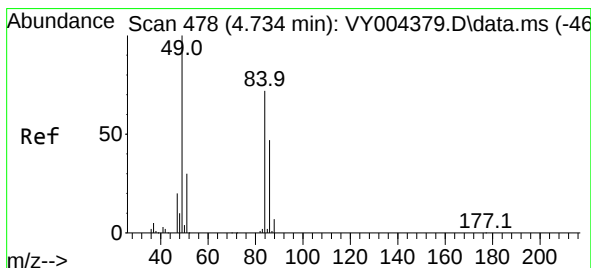
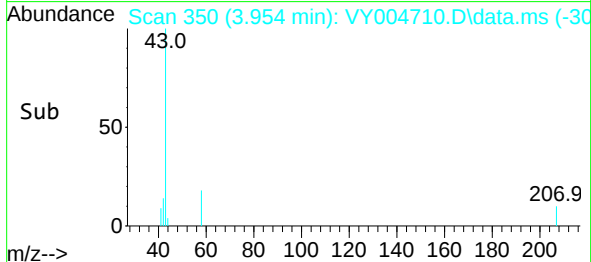
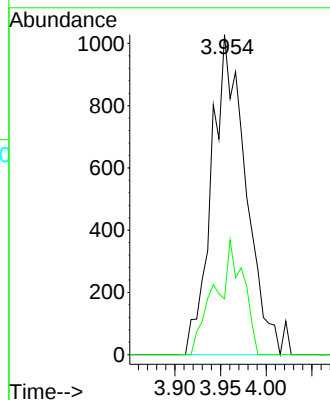
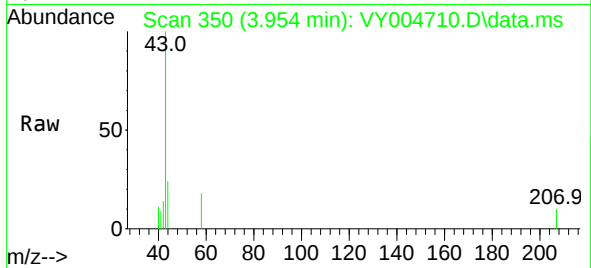




#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

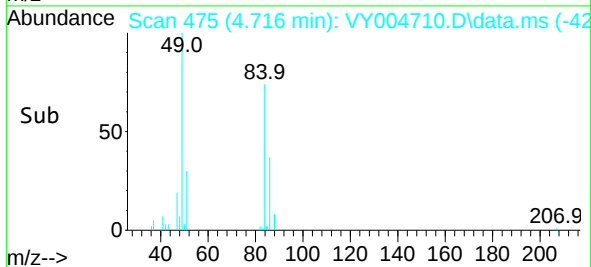
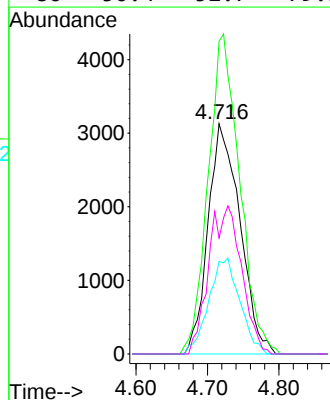
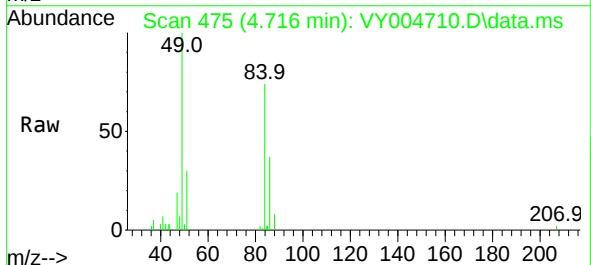
Instrument :
MSVOA_Y
ClientSampled :

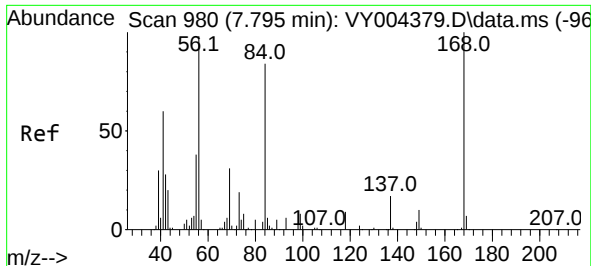
Tgt Ion: 43 Resp: 2654
Ion Ratio Lower Upper
43 100
58 17.5 24.6 37.0#



#20
Methylene Chloride
Concen: 6.54 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

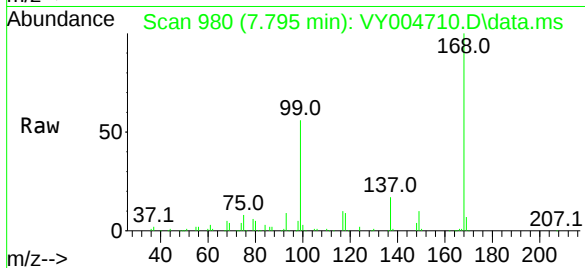
Tgt Ion: 84 Resp: 9691
Ion Ratio Lower Upper
84 100
49 135.8 111.2 166.8
51 40.2 33.4 50.2
86 50.4 52.7 79.1#



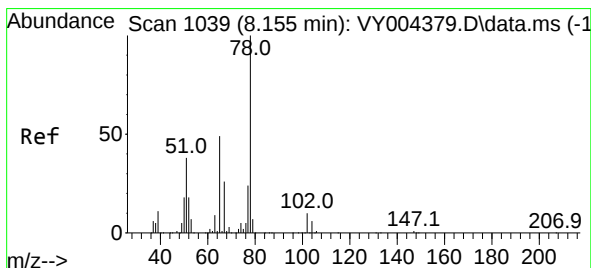
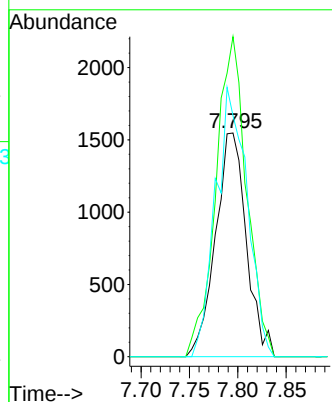
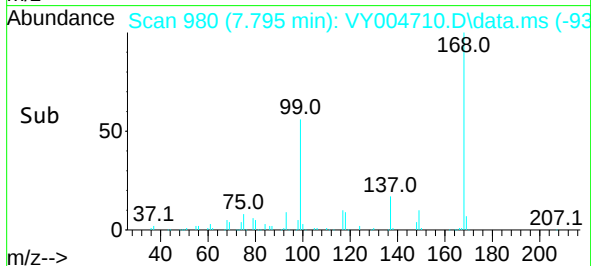


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

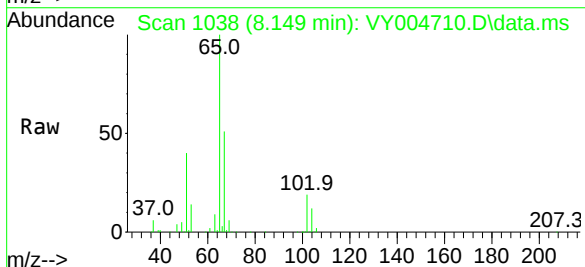
Instrument :
MSVOA_Y
ClientSampleId :



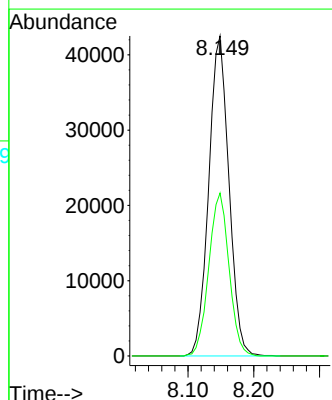
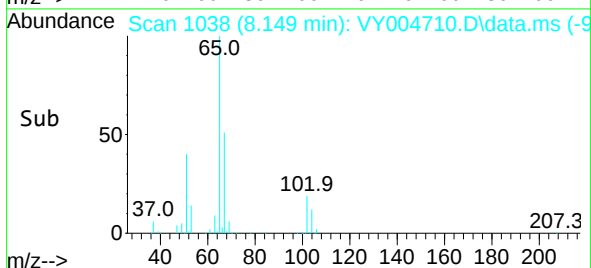
Tgt Ion: 56 Resp: 3425
Ion Ratio Lower Upper
56 100
69 143.0 25.8 38.6#
84 107.7 68.2 102.4#

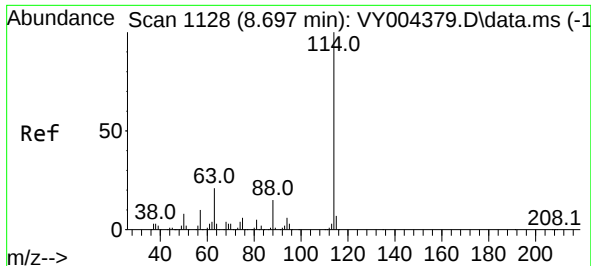


#33
1,2-Dichloroethane-d4
Concen: 59.13 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12



Tgt Ion: 65 Resp: 90656
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.4

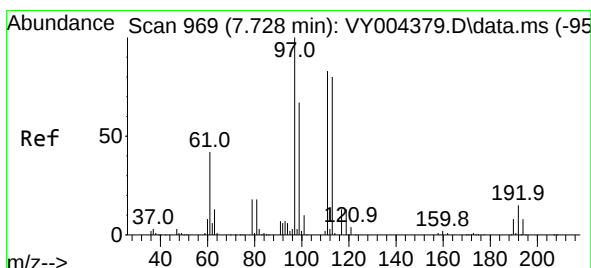
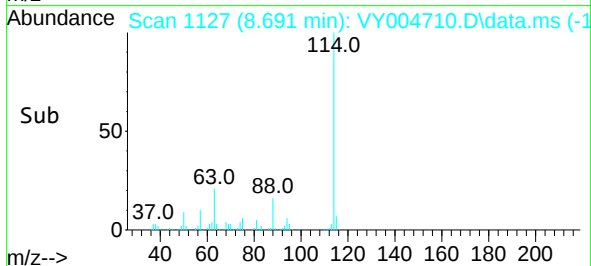
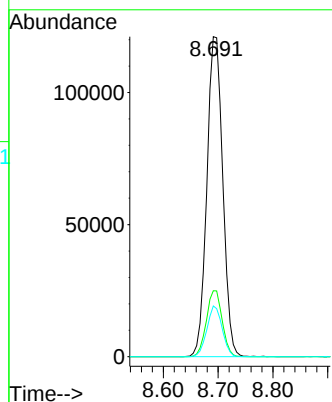
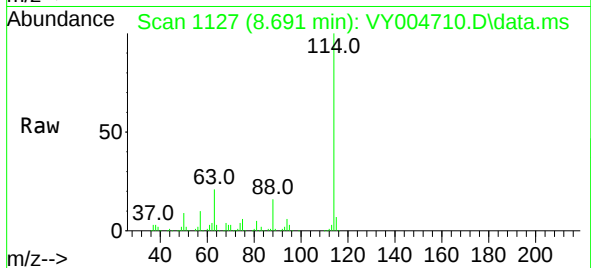




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

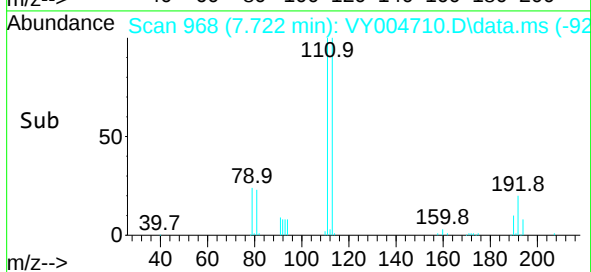
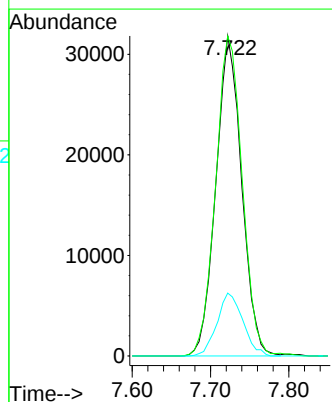
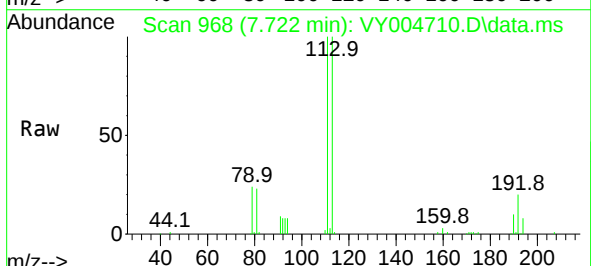
Instrument :
MSVOA_Y
ClientSampleId :

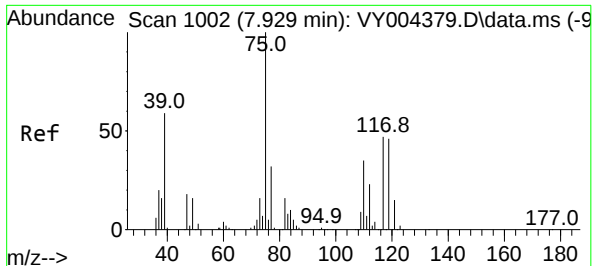
Tgt Ion:114 Resp: 242945
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 15.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.78 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Tgt Ion:113 Resp: 72509
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 19.8 16.1 24.1

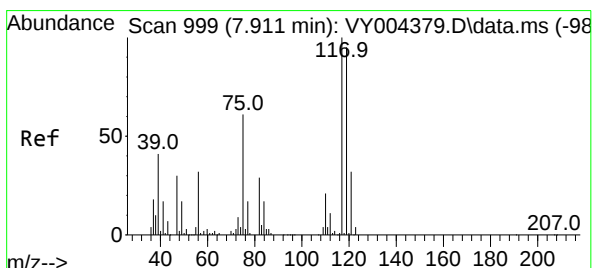
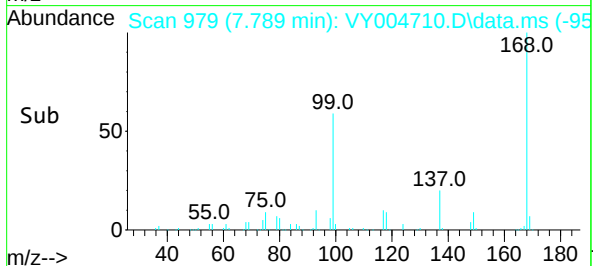
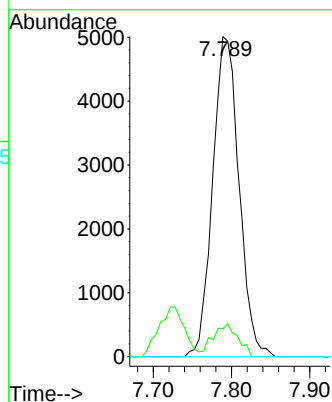
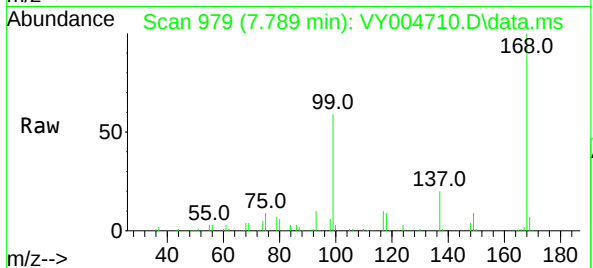




#36
 1,1-Dichloropropene
 Concen: 4.85 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.140 min
 Lab File: VY004710.D
 Acq: 04 May 2021 13:12

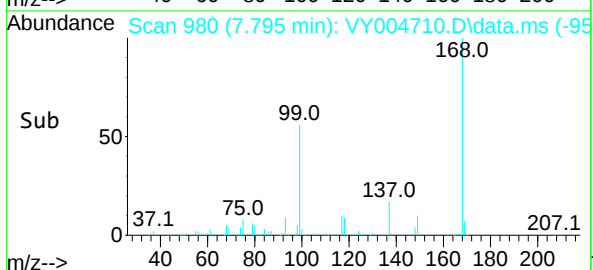
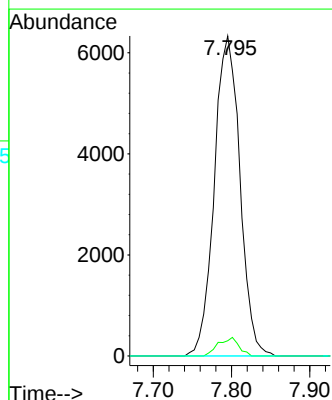
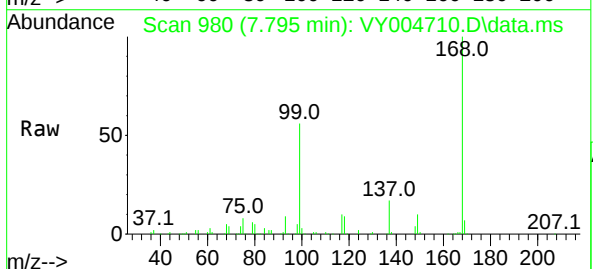
Instrument :
 MSVOA_Y
 ClientSampleId :

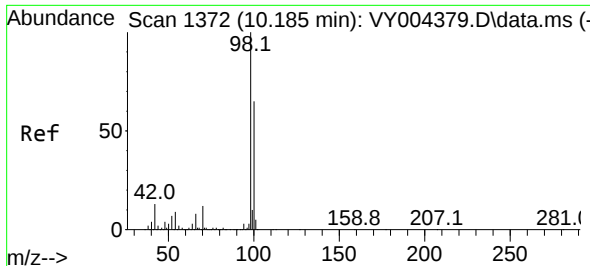
Tgt Ion: 75	Resp: 11704
Ion Ratio	Lower Upper
75 100	
110 9.8	17.3 51.7#
77 0.0	24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.90 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY004710.D
 Acq: 04 May 2021 13:12

Tgt Ion: 117	Resp: 14392
Ion Ratio	Lower Upper
117 100	
119 4.8	75.8 113.8#
121 0.0	25.3 37.9#

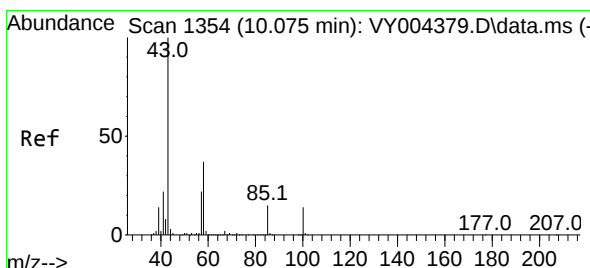
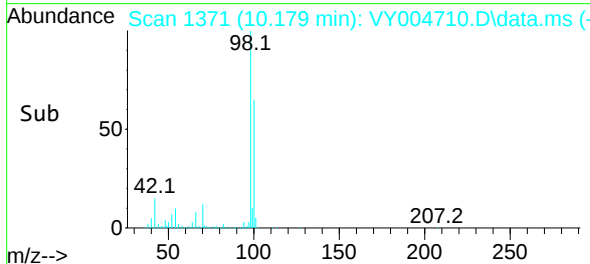
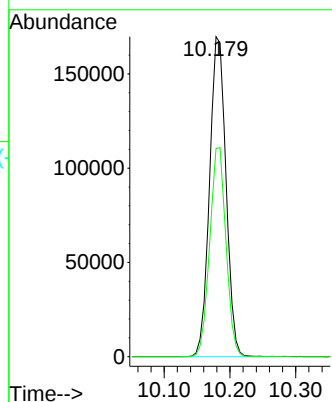
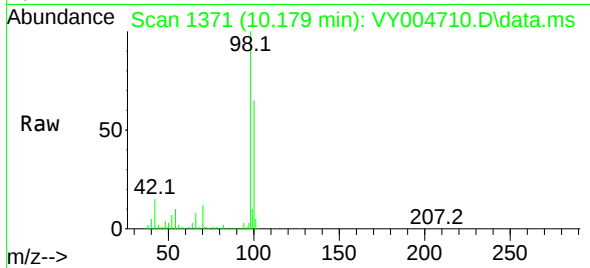




#50
Toluene-d8
Concen: 51.45 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

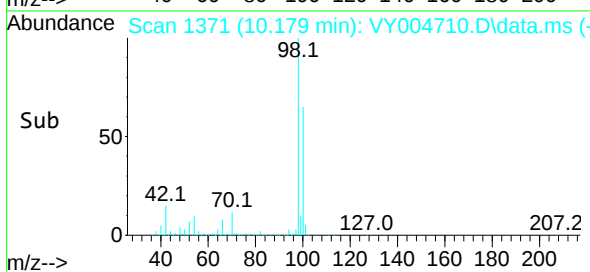
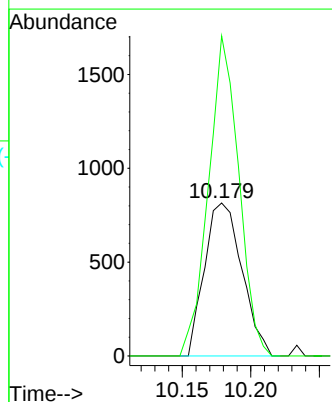
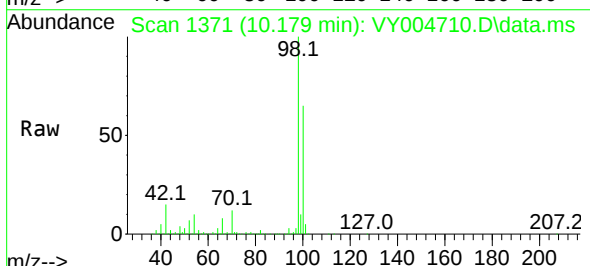
Instrument :
MSVOA_Y
ClientSampled :

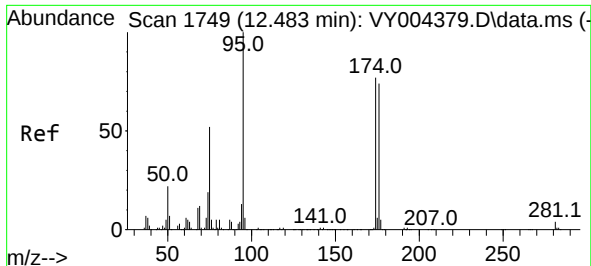
Tgt Ion: 98 Resp: 295081
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.02 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 169.9 29.2 43.8#

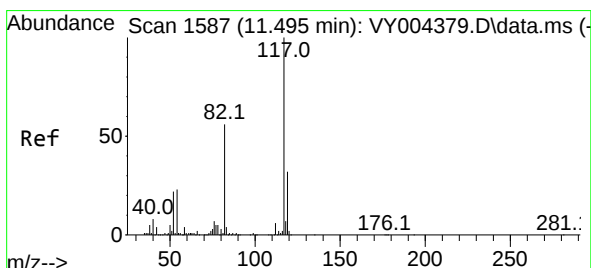
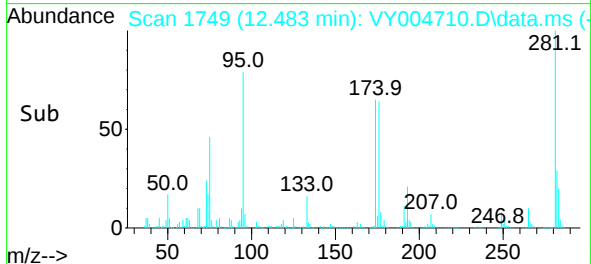
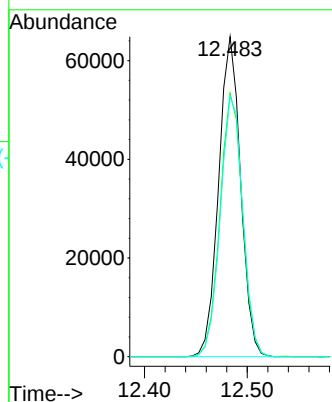
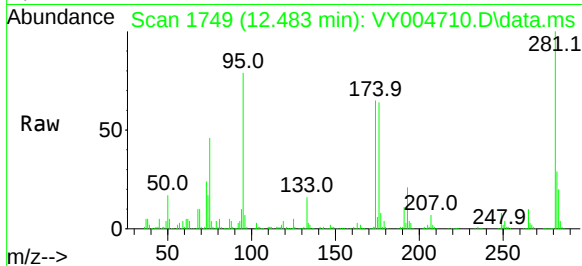




#62
4-Bromofluorobenzene
Concen: 49.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

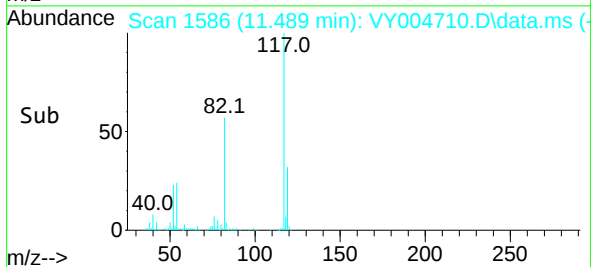
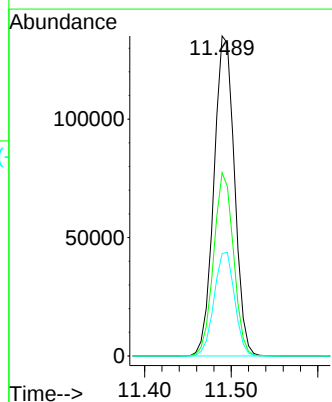
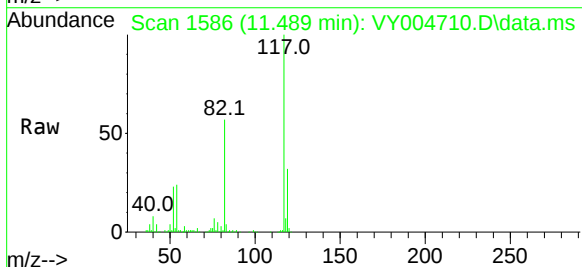
Instrument :
MSVOA_Y
ClientSampleId :

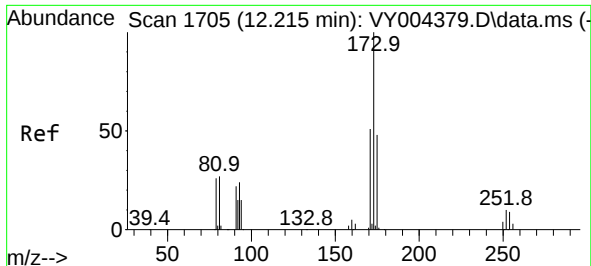
Tgt Ion:	95	Resp:	95966
Ion Ratio	Lower	Upper	
95	100		
174	84.3	0.0	162.4
176	83.7	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Tgt Ion:	117	Resp:	223061
Ion Ratio	Lower	Upper	
117	100		
82	57.3	44.9	67.3
119	32.0	25.4	38.0

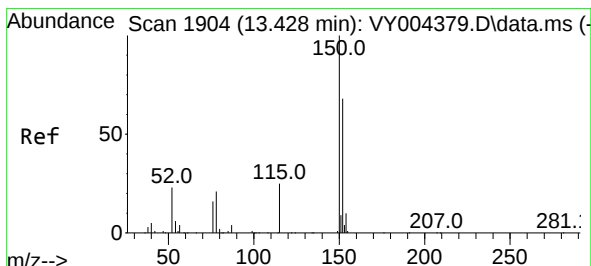
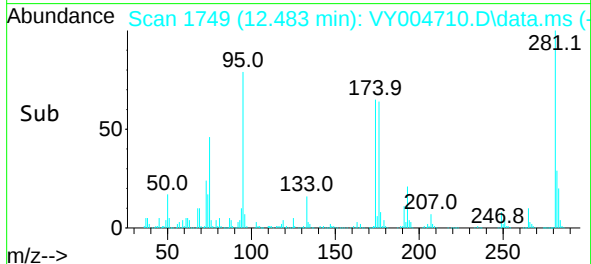
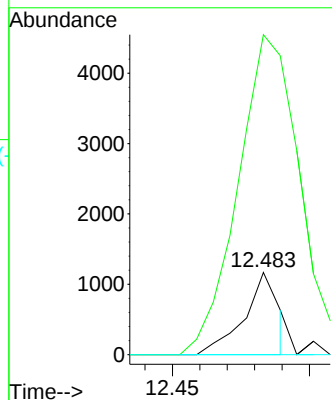
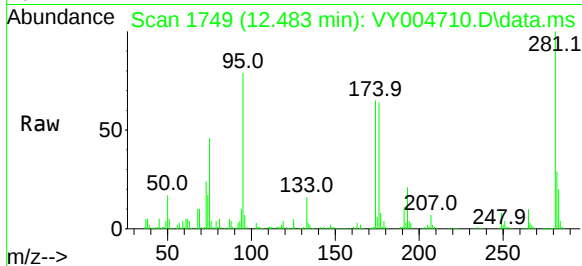




#71
Bromoform
Concen: 1.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.268 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

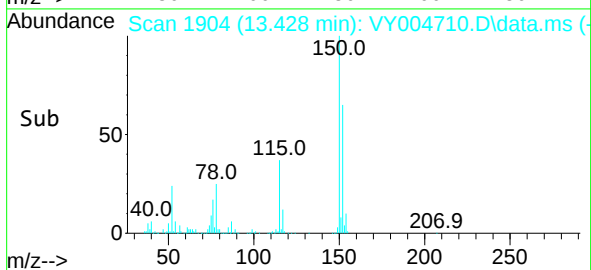
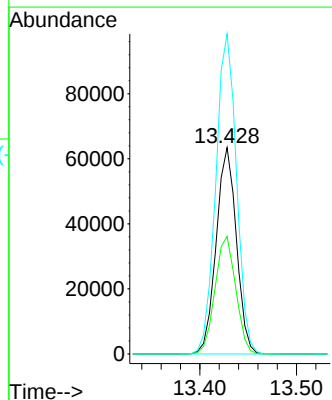
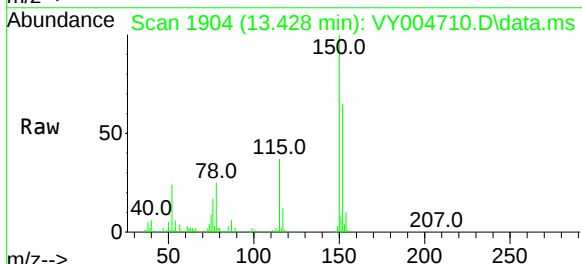
Instrument :
MSVOA_Y
ClientSampleId :

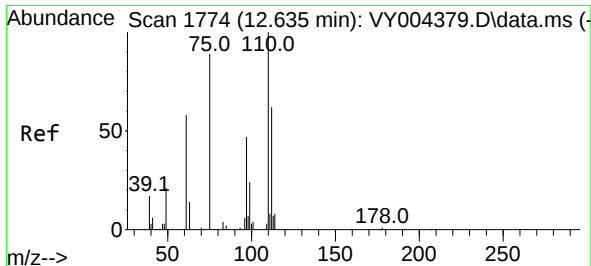
Tgt Ion:173 Resp: 1023
Ion Ratio Lower Upper
173 100
175 524.9 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Tgt Ion:152 Resp: 91970
Ion Ratio Lower Upper
152 100
115 58.3 29.6 88.8
150 158.7 0.0 348.4

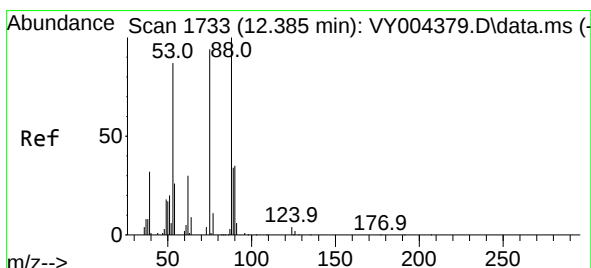
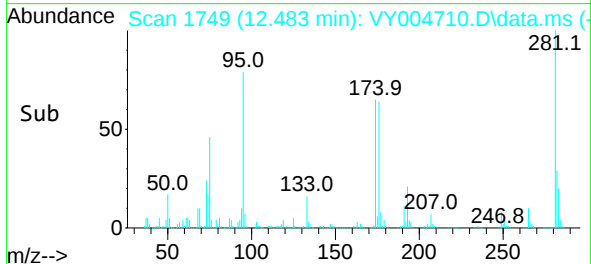
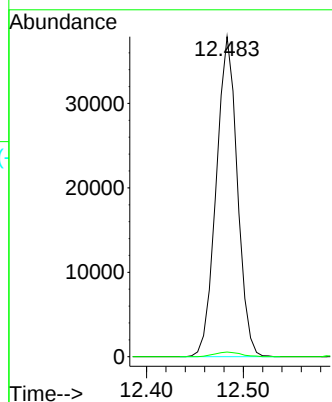
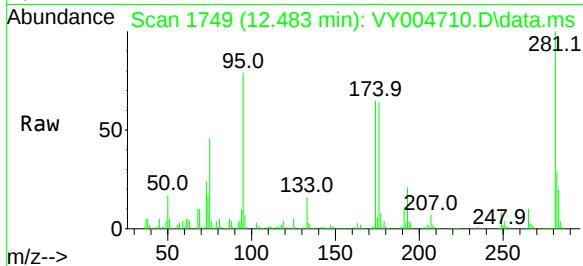




#76
1,2,3-Trichloropropane
Concen: 58.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 57393
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.01 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Tgt Ion: 75 Resp: 57393
Ion Ratio Lower Upper
75 100
53 0.2 75.0 112.6#
89 2.5 36.1 54.1#

