

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005737.D
 Acq On : 18 Aug 2021 14:12
 Operator : SY/MD
 Sample : M3430-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:17:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

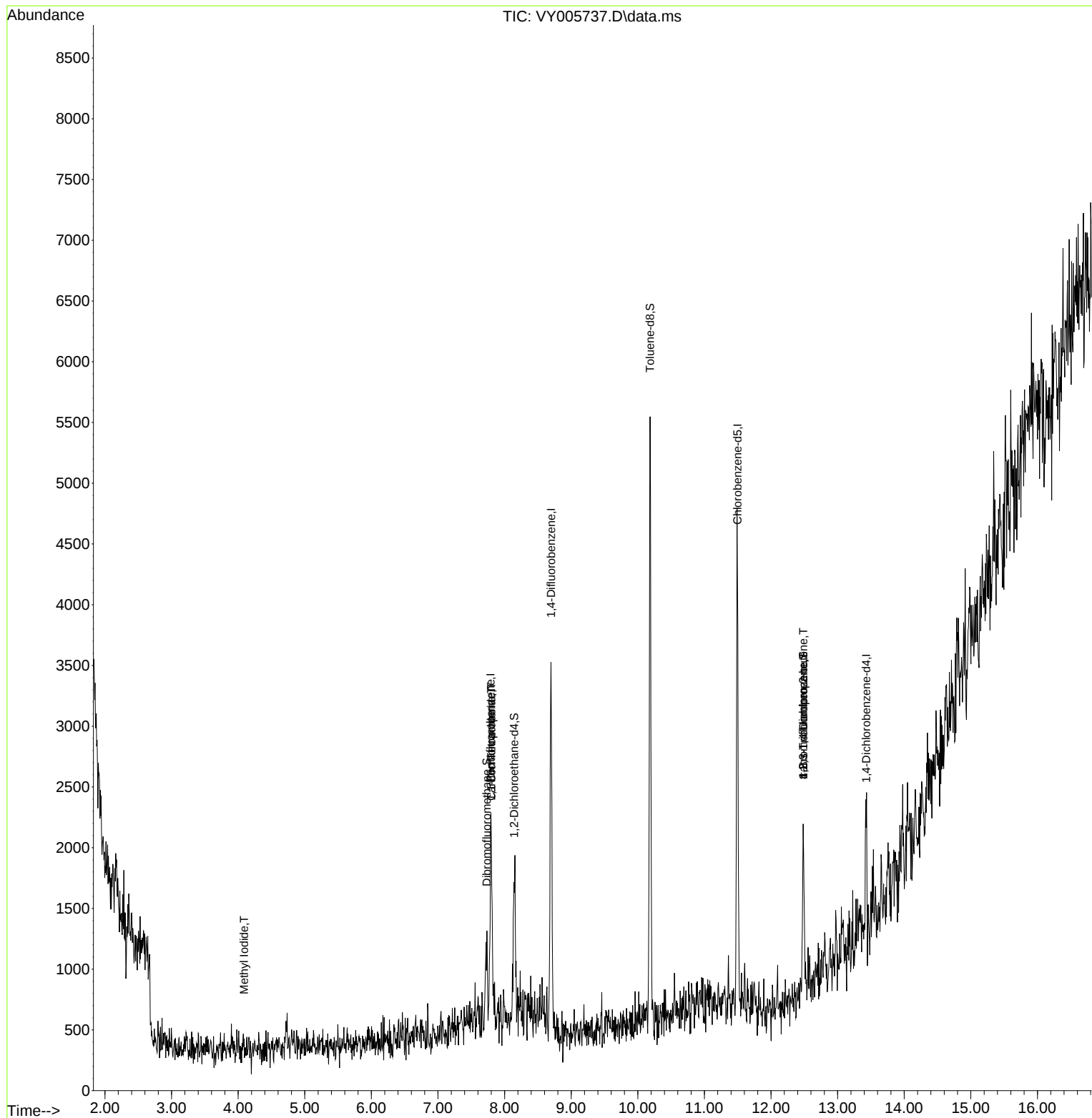
Internal Standards						
1) Pentafluorobenzene	7.789	168	1764	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	2911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1071	59.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.960%	
35) Dibromofluoromethane	7.734	113	500	30.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 61.360%	
50) Toluene-d8	10.185	98	3532	51.673	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	12.483	95	506	22.355	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 44.700%	
Target Compounds						Qvalue
10) Methyl Iodide	4.088	142	23	1.226	ug/l #	39
20) Methylene Chloride	4.716	84	21	Below Cal	#	44
36) 1,1-Dichloropropene	7.801	75	83	3.040	ug/l #	41
38) Carbon Tetrachloride	7.801	117	42	1.415	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	302	82.791	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	302	166.896	ug/l #	11

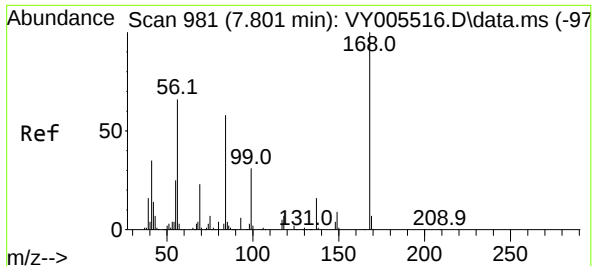
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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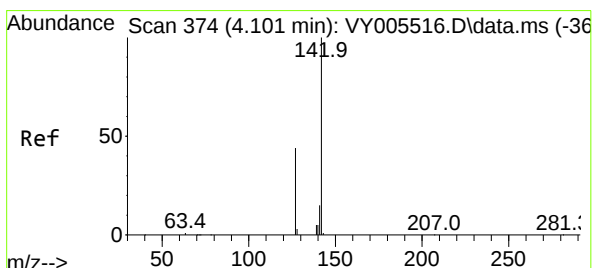
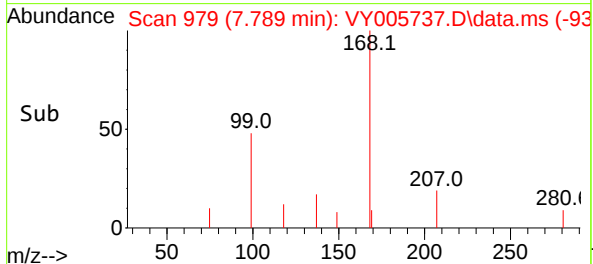
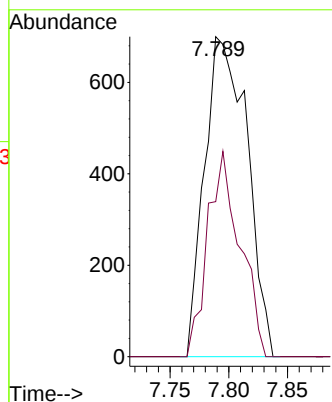
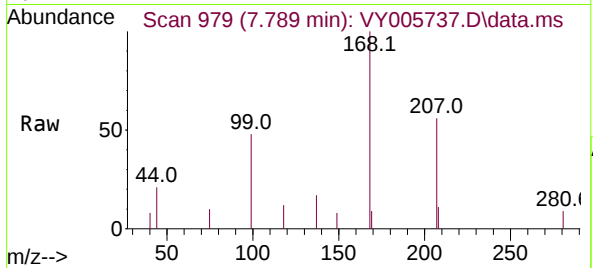




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

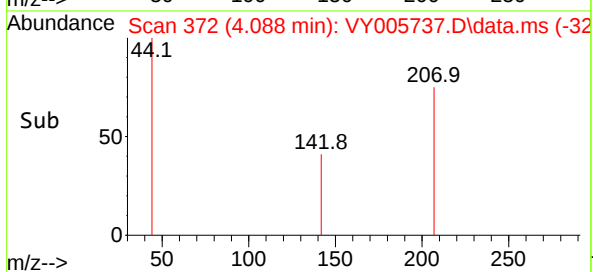
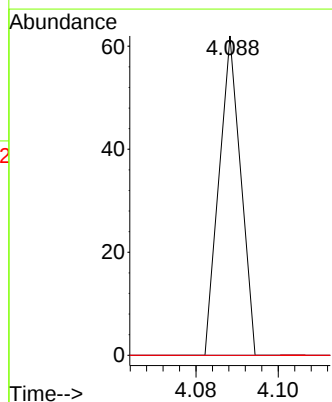
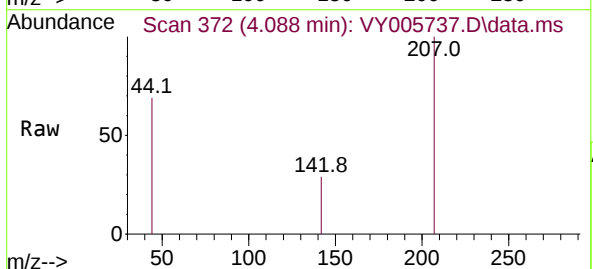
Instrument :
MSVOA_Y
ClientSampled :

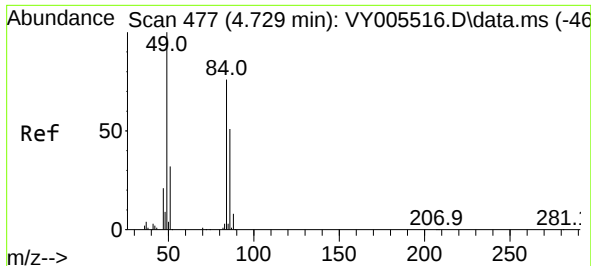
Tgt Ion:168 Resp: 1764
Ion Ratio Lower Upper
168 100
99 48.4 38.9 58.3



#10
Methyl Iodide
Concen: 1.226 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

Tgt Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 36.6 54.8#
141 0.0 12.2 18.4#

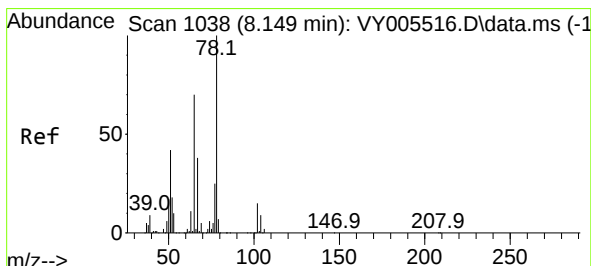
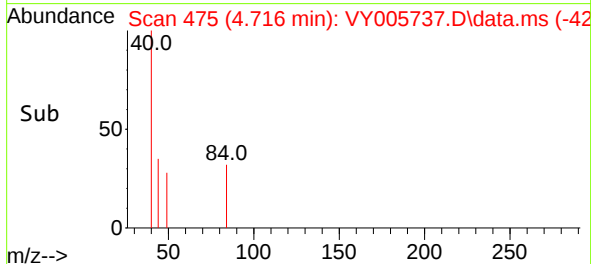
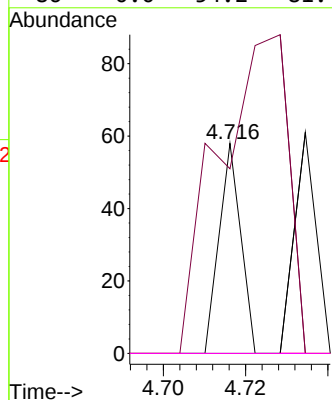
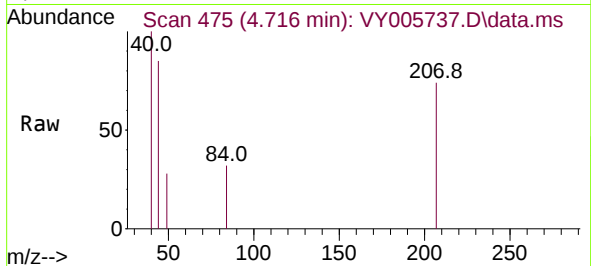




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

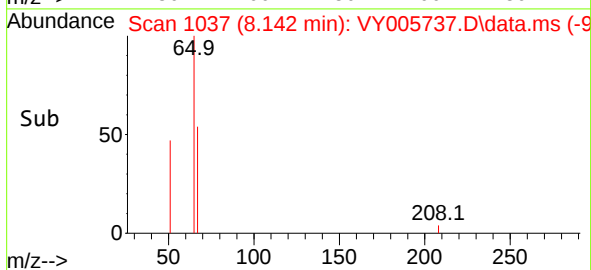
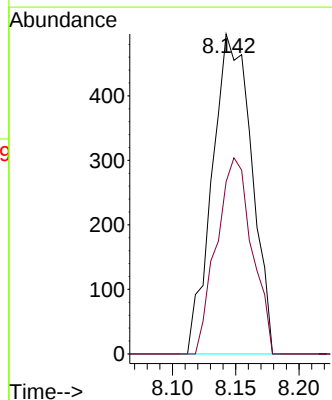
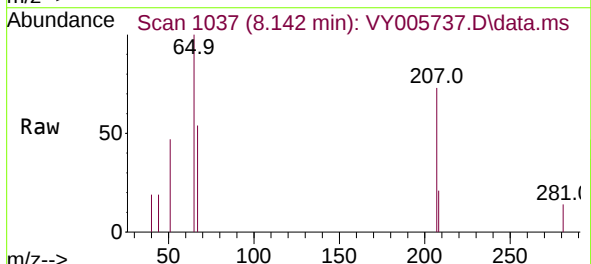
Instrument :
MSVOA_Y
ClientSampleId :

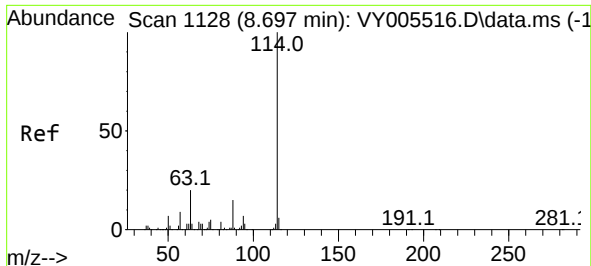
Tgt Ion: 84 Resp: 21
Ion Ratio Lower Upper
84 100
49 87.9 105.8 158.6#
51 0.0 33.4 50.2#
86 0.0 54.2 81.4#



#33
1,2-Dichloroethane-d4
Concen: 59.980 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

Tgt Ion: 65 Resp: 1071
Ion Ratio Lower Upper
65 100
67 55.5 0.0 103.4

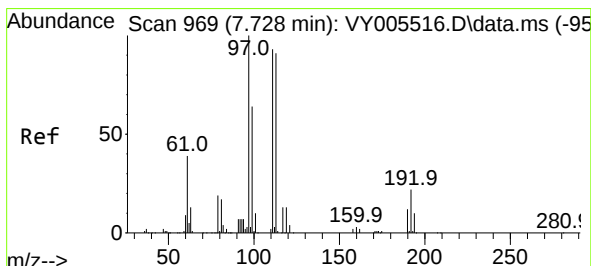
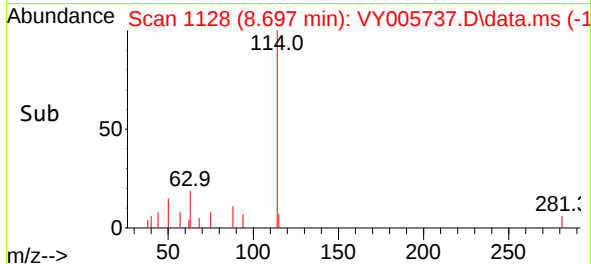
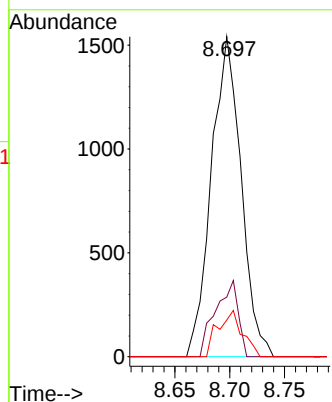
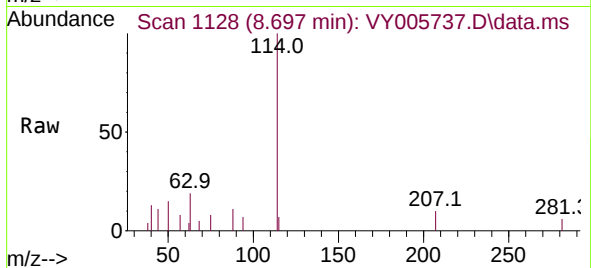




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

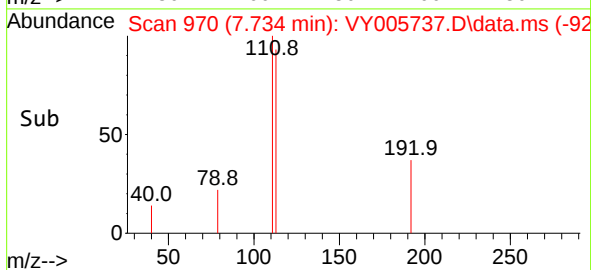
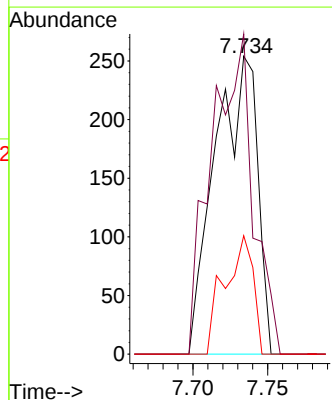
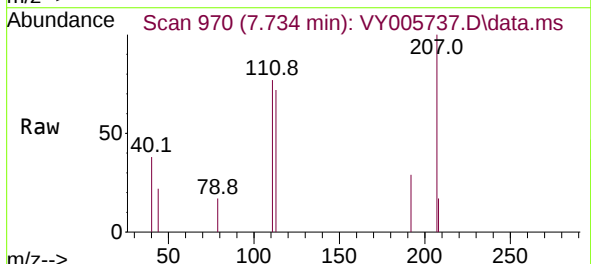
Instrument :
MSVOA_Y
ClientSampleId :

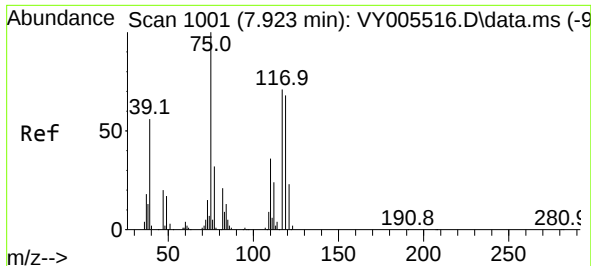
Tgt Ion:	114	Resp:	2911
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.2
88	11.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 30.679 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

Tgt Ion:	113	Resp:	500
Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.9	122.9
192	26.8	19.2	28.8

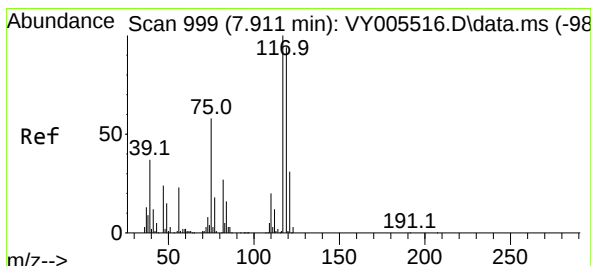
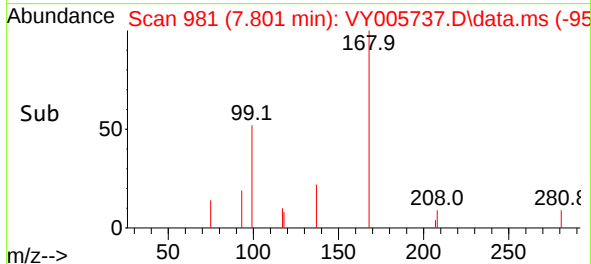
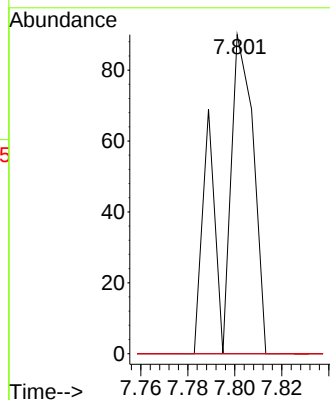
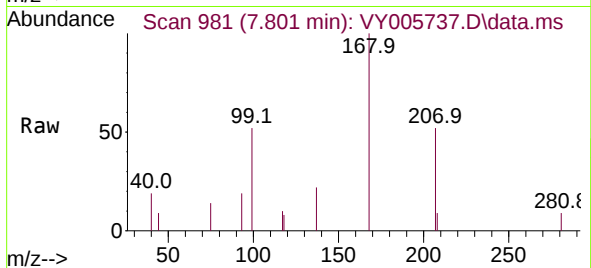




#36
1,1-Dichloropropene
Concen: 3.040 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

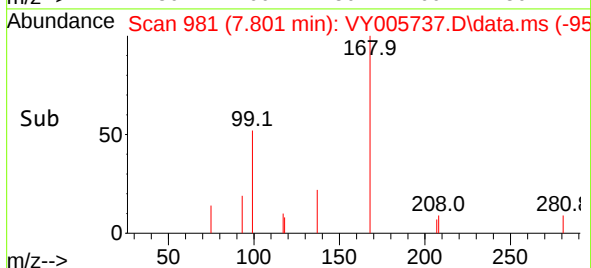
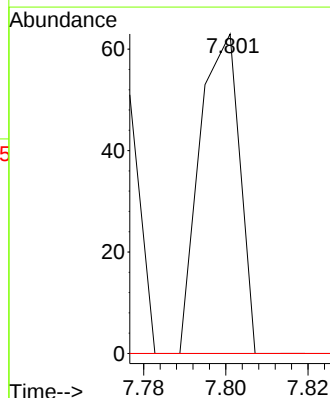
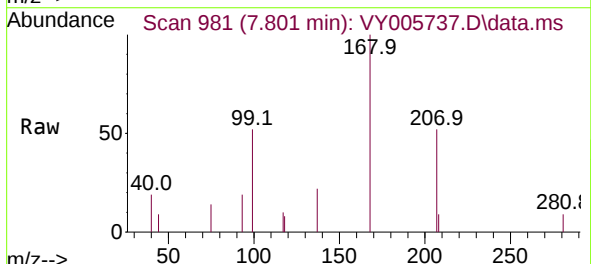
Instrument :
MSVOA_Y
ClientSampled :

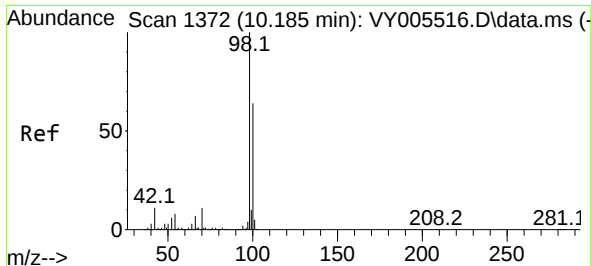
Tgt Ion: 75 Resp: 83
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 1.415 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

Tgt Ion: 117 Resp: 42
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#

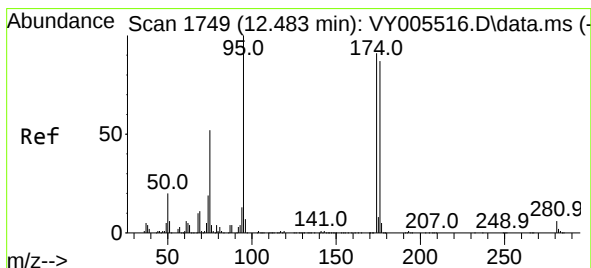
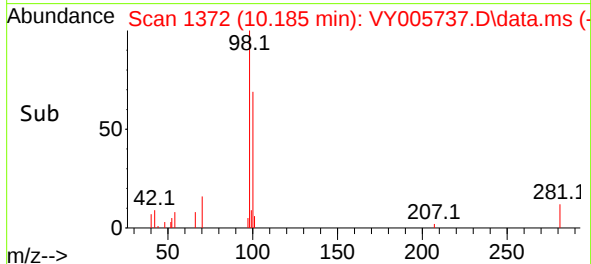
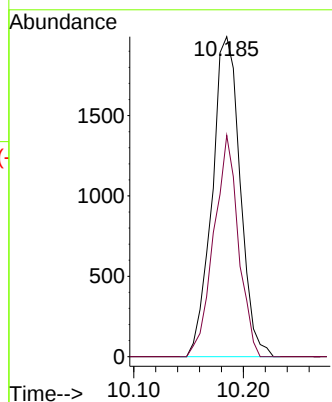
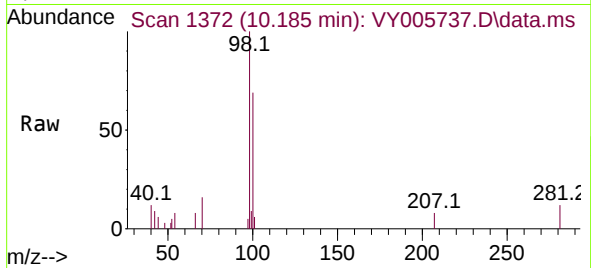




#50
Toluene-d8
Concen: 51.673 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

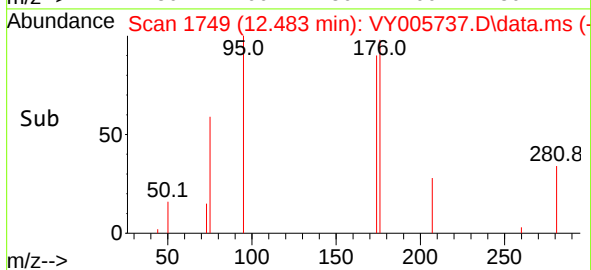
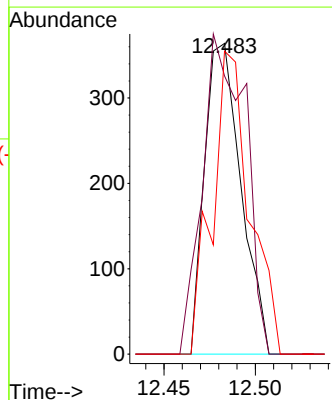
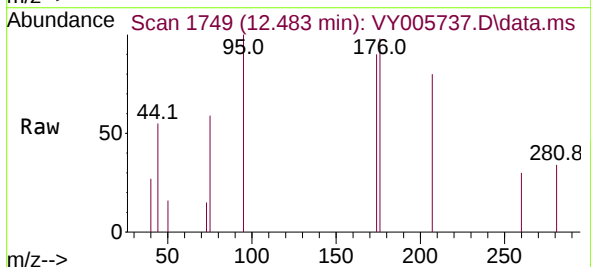
Instrument :
MSVOA_Y
ClientSampleId :

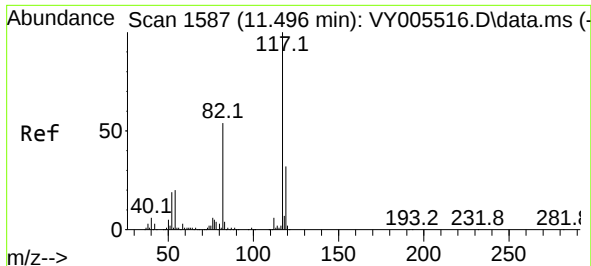
Tgt Ion: 98 Resp: 3532
Ion Ratio Lower Upper
98 100
100 60.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 22.355 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

Tgt Ion: 95 Resp: 506
Ion Ratio Lower Upper
95 100
174 120.8 0.0 191.4
176 100.4 0.0 183.6

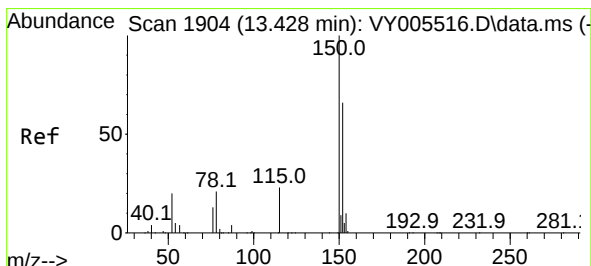
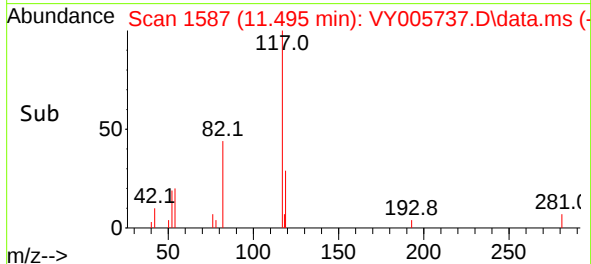
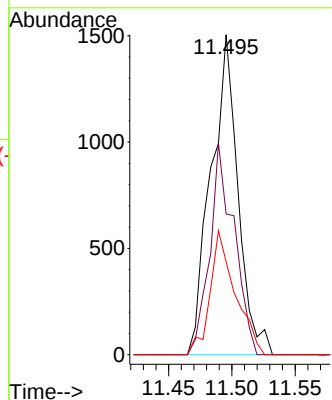
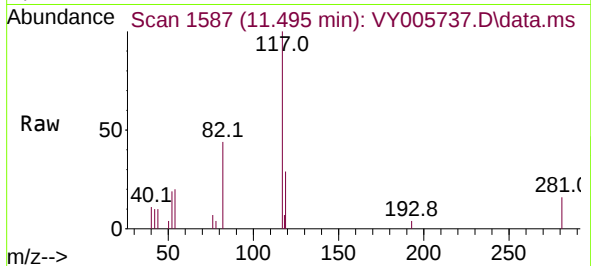




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

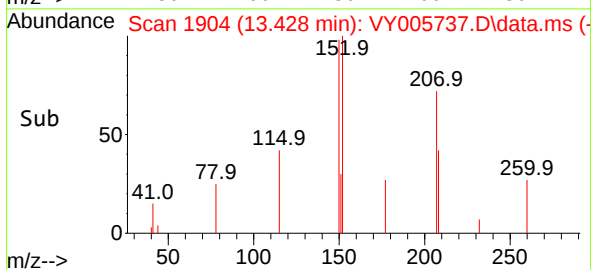
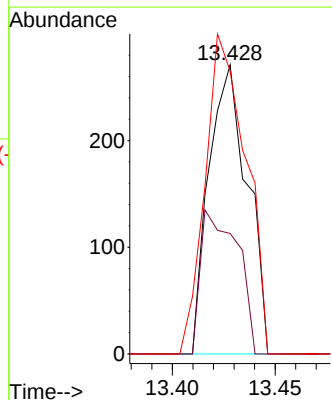
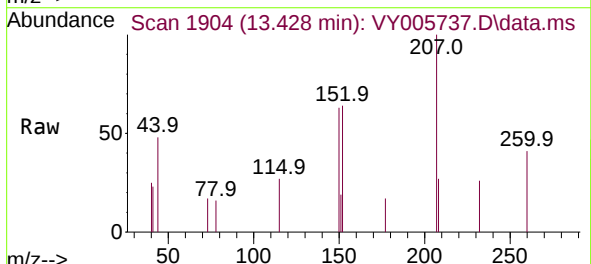
Instrument :
MSVOA_Y
ClientSampleId :

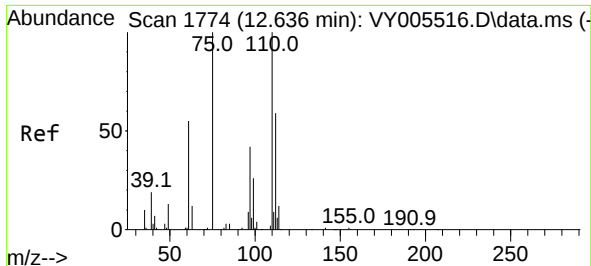
Tgt Ion:117	Resp:	2239
Ion	Ratio	Lower Upper
117	100	
82	44.0	43.5 65.3
119	29.0	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

Tgt Ion:152	Resp:	352
Ion	Ratio	Lower Upper
152	100	
115	48.0	27.3 81.9
150	117.0	0.0 350.2

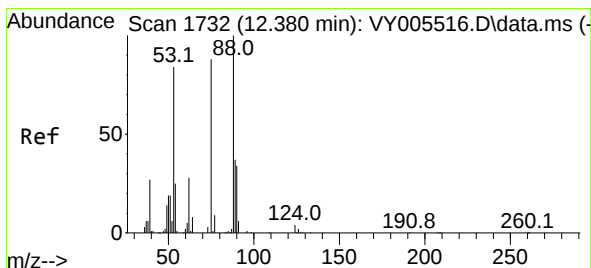
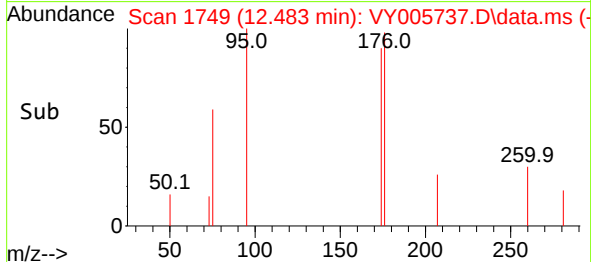
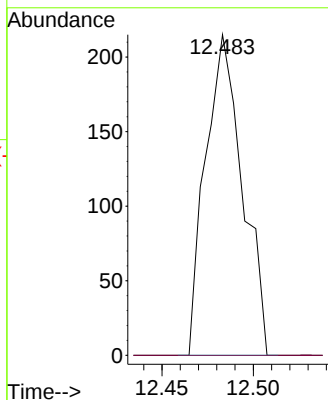
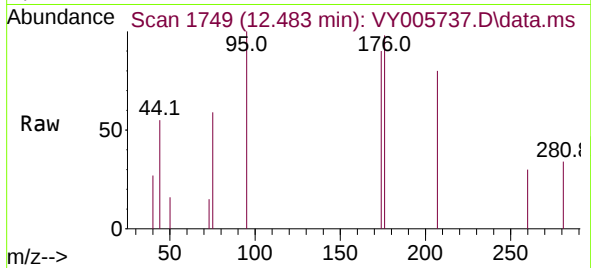




#76
1,2,3-Trichloropropane
Concen: 82.791 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 302
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 166.896 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005737.D
Acq: 18 Aug 2021 14:12

Tgt Ion: 75 Resp: 302
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

