

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005109.D
 Acq On : 11 Jun 2021 05:59
 Operator : SY/MD
 Sample : M2678-03
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 07:09:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

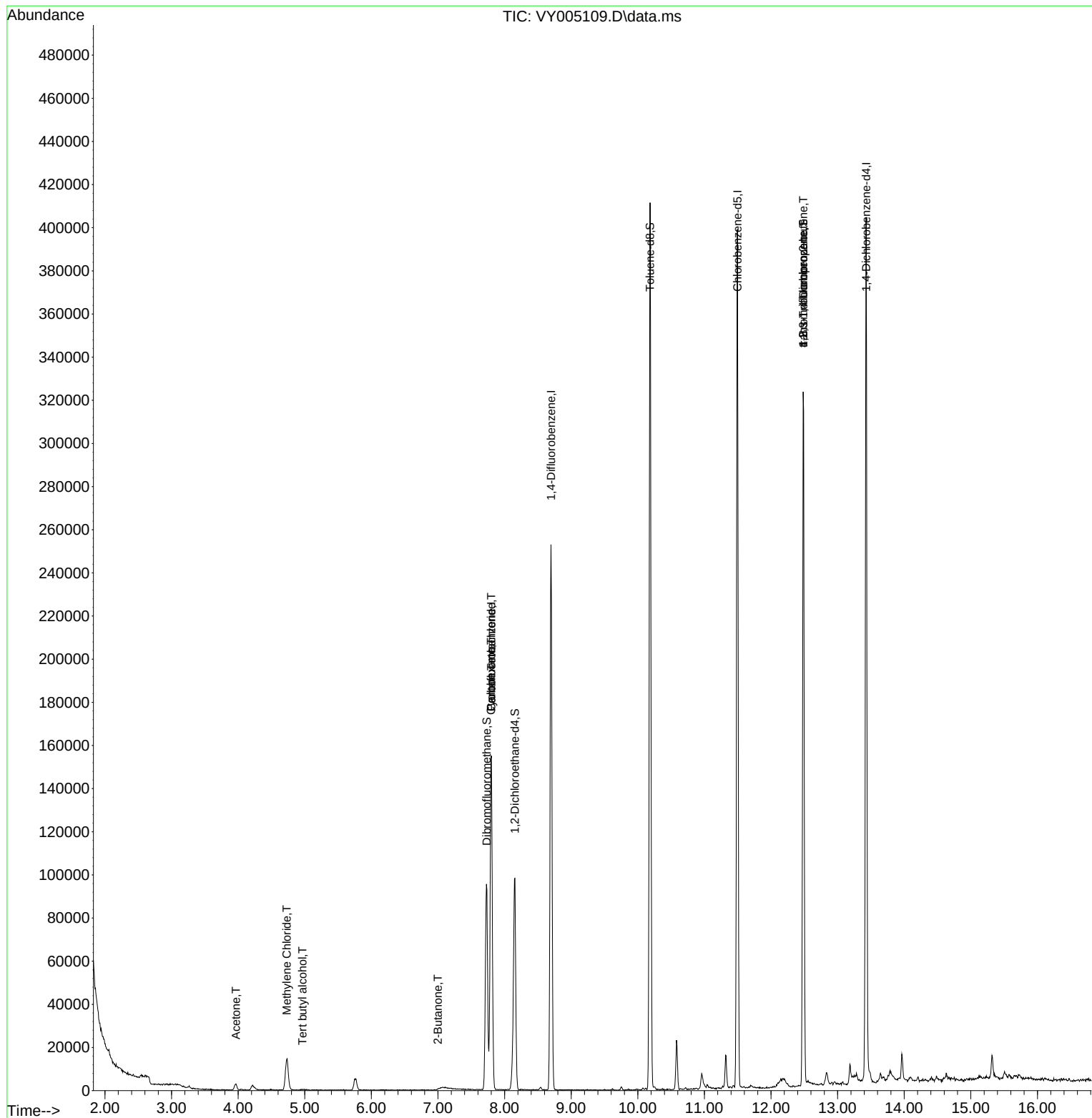
Internal Standards						
1) Pentafluorobenzene	7.801	168	121091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	218053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	215130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	74827	58.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.900%
35) Dibromofluoromethane	7.734	113	67981	57.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.900%
50) Toluene-d8	10.185	98	268000	55.005	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.020%
62) 4-Bromofluorobenzene	12.483	95	90249	53.859	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	603	4.096	ug/l #	74
16) Acetone	3.966	43	4679	15.183	ug/l	91
20) Methylene Chloride	4.728	84	11179	1.825	ug/l	95
25) 2-Butanone	6.996	43	592	1.142	ug/l #	49
31) Cyclohexane	7.795	56	2648	1.175	ug/l #	1
38) Carbon Tetrachloride	7.801	117	12082	6.505	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	48324	44.411	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48324	81.618	ug/l #	15

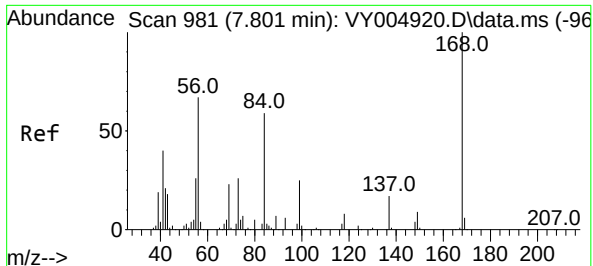
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
Data File : VY005109.D
Acq On : 11 Jun 2021 05:59
Operator : SY/MD
Sample : M2678-03
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 11 07:09:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

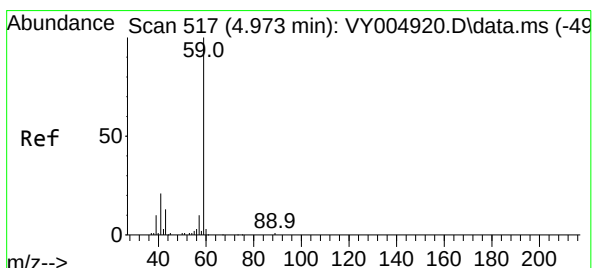
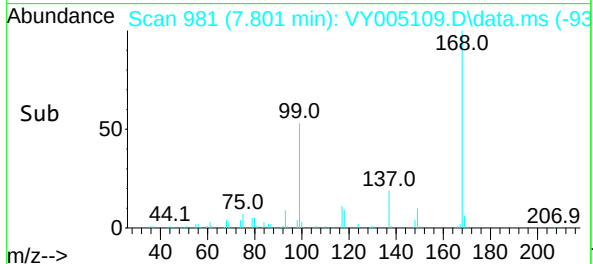
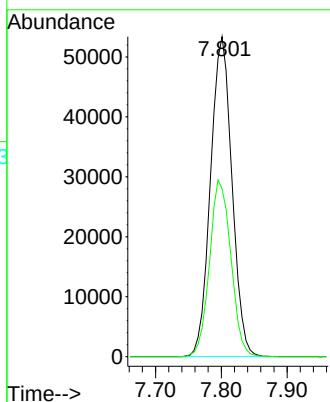
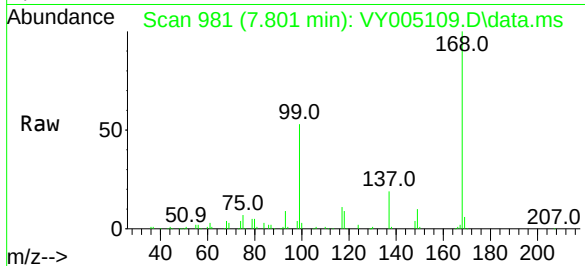




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

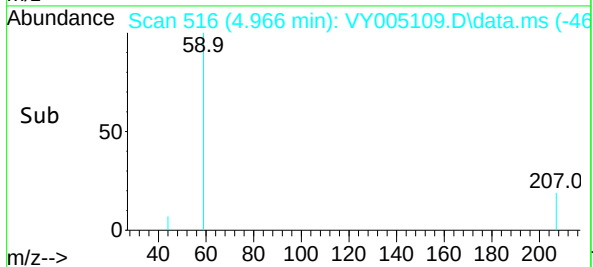
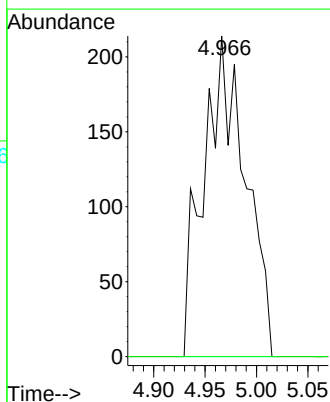
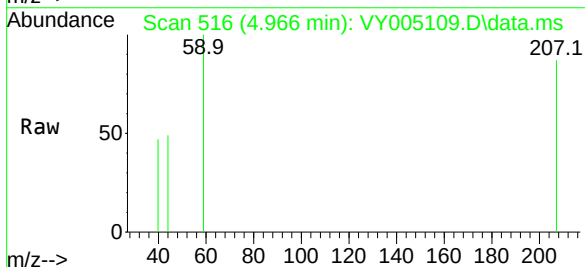
Instrument :
MSVOA_Y
ClientSampled :

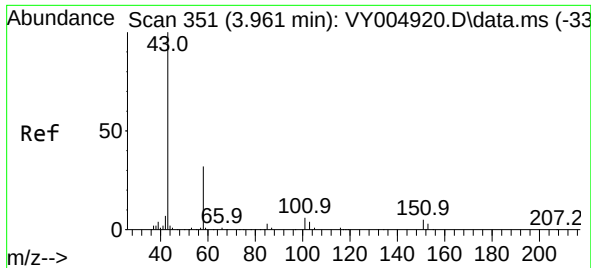
Tgt Ion:168 Resp: 121091
Ion Ratio Lower Upper
168 100
99 52.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 4.096 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

Tgt Ion: 59 Resp: 603
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

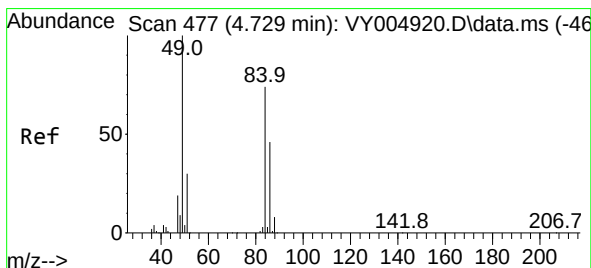
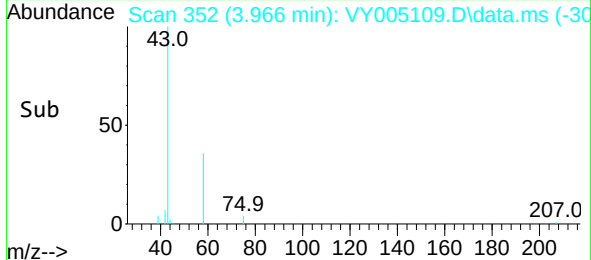
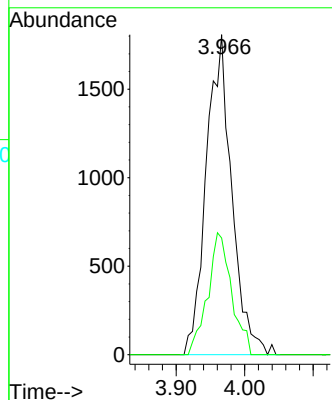
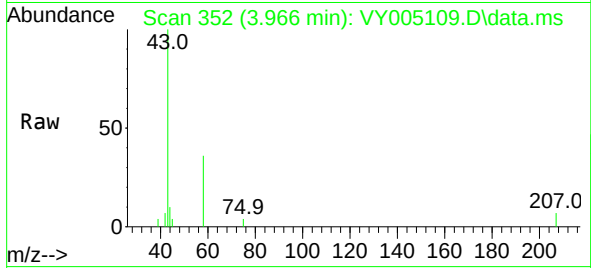




#16
Acetone
Concen: 15.183 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

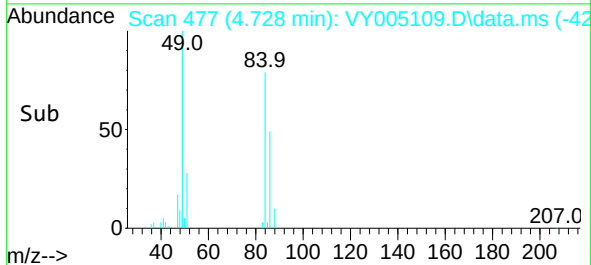
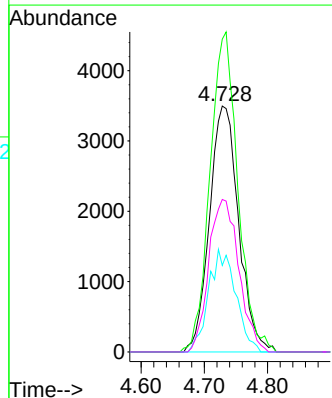
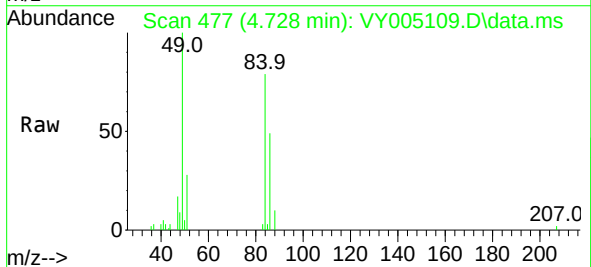
Instrument :
MSVOA_Y
ClientSampleId :

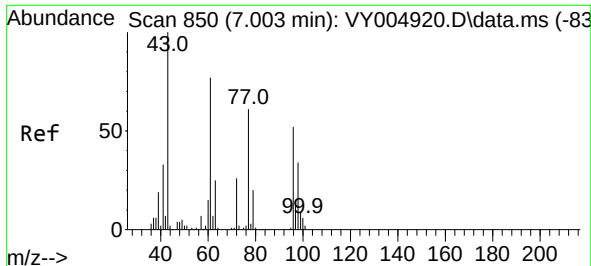
Tgt Ion: 43 Resp: 4679
Ion Ratio Lower Upper
43 100
58 36.4 25.3 37.9



#20
Methylene Chloride
Concen: 1.825 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

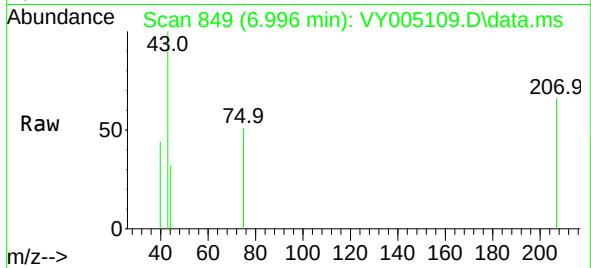
Tgt Ion: 84 Resp: 11179
Ion Ratio Lower Upper
84 100
49 127.2 108.0 162.0
51 35.2 32.6 48.8
86 62.0 49.9 74.9



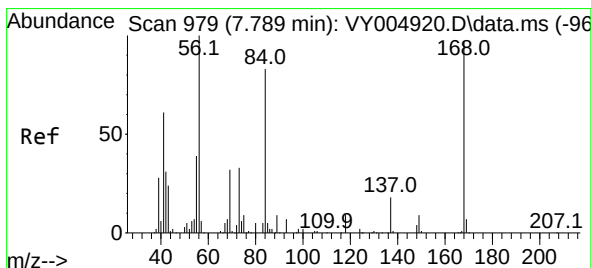
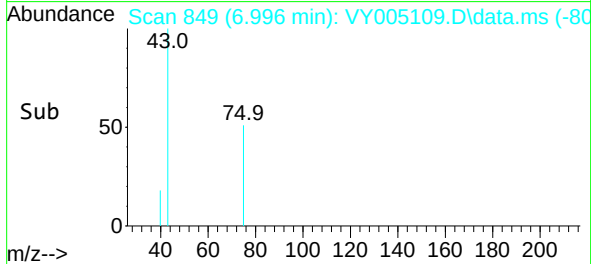
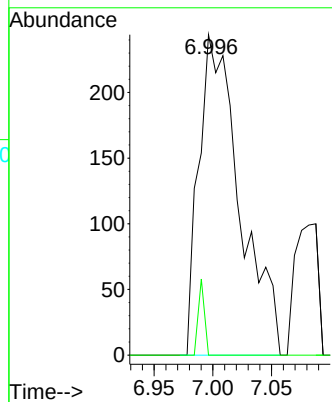


#25
2-Butanone
Concen: 1.142 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

Instrument :
MSVOA_Y
ClientSampled :

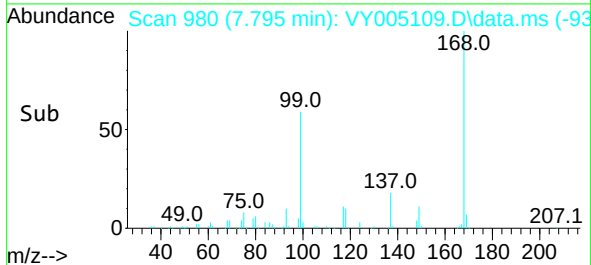
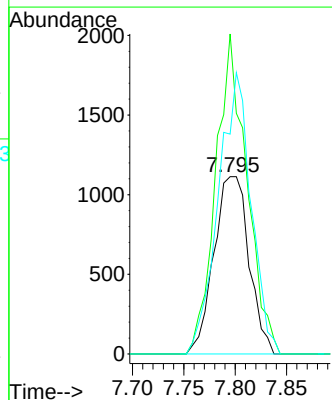
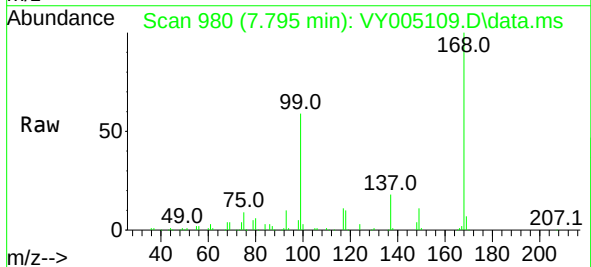


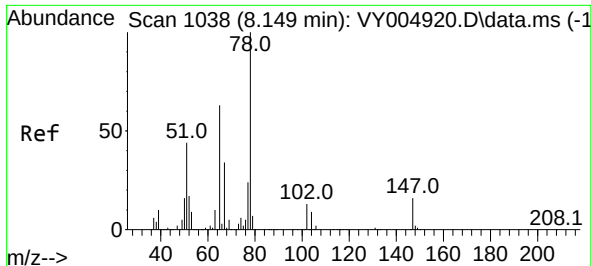
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

Tgt Ion: 56 Resp: 2648
Ion Ratio Lower Upper
56 100
69 180.5 25.3 37.9#
84 124.0 66.2 99.4#

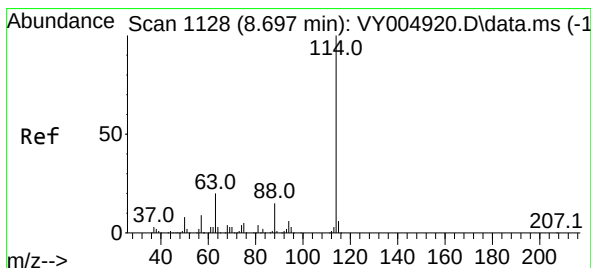
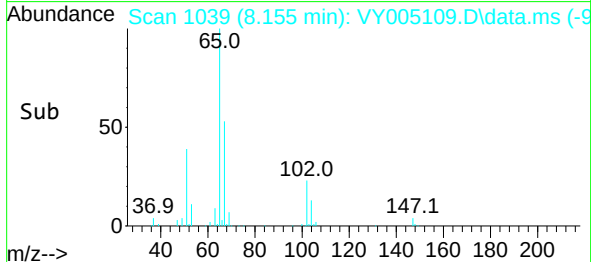
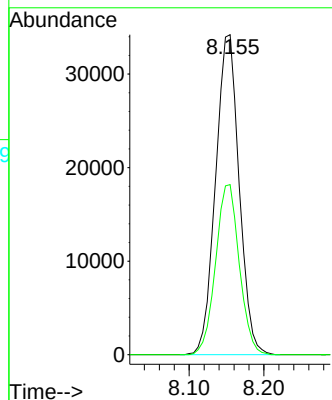
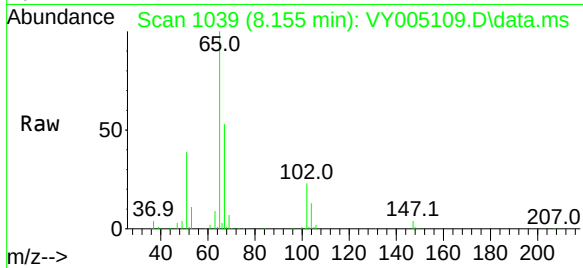




#33
 1,2-Dichloroethane-d4
 Concen: 58.452 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY005109.D
 Acq: 11 Jun 2021 05:59

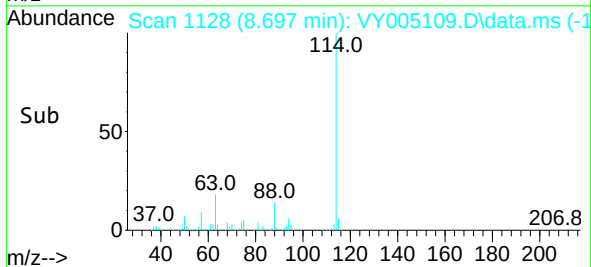
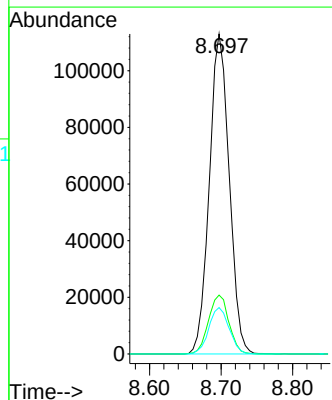
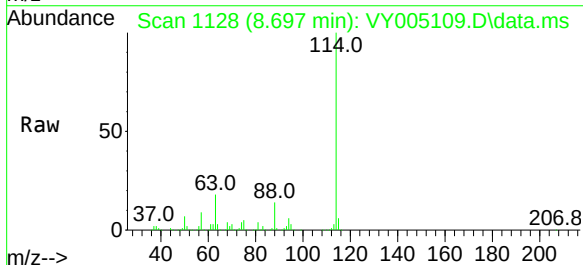
Instrument :
 MSVOA_Y
 ClientSampleId :

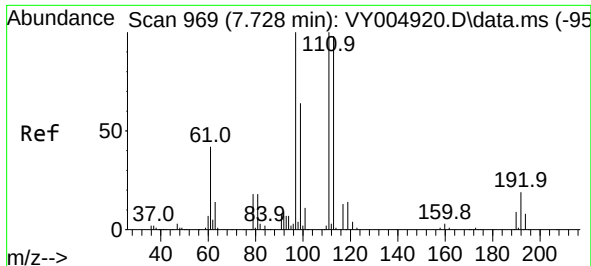
Tgt Ion: 65 Resp: 74827
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005109.D
 Acq: 11 Jun 2021 05:59

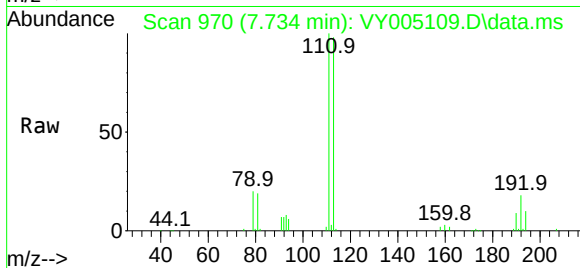
Tgt Ion:114 Resp: 218053
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 41.0
 88 14.5 0.0 30.6



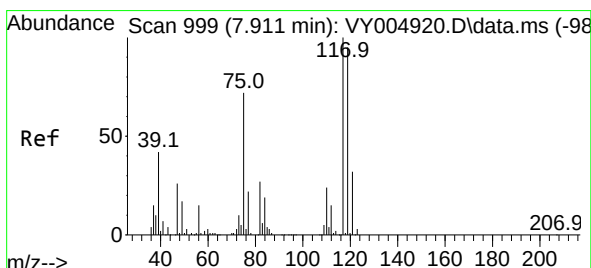
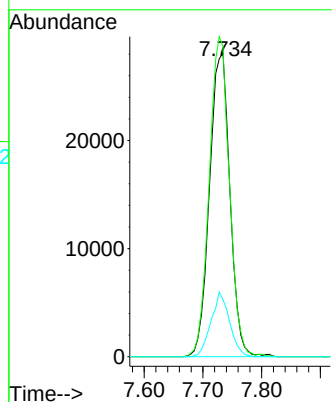
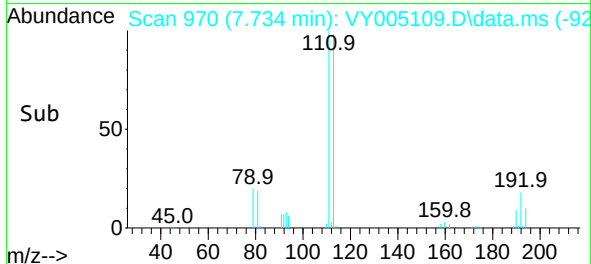


#35
Dibromofluoromethane
Concen: 57.947 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

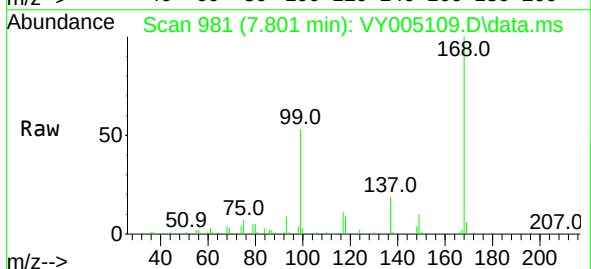
Instrument :
MSVOA_Y
ClientSampled :



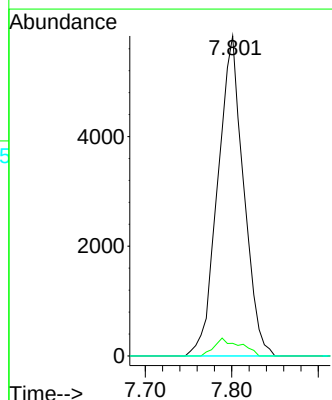
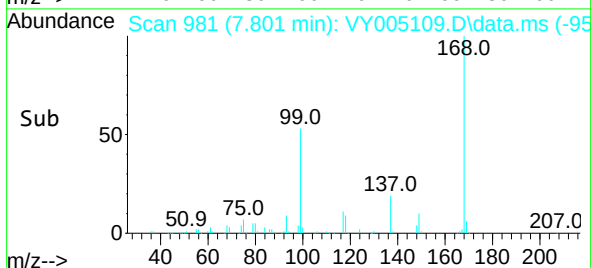
Tgt Ion:113 Resp: 67981
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.8
192 19.3 15.3 22.9

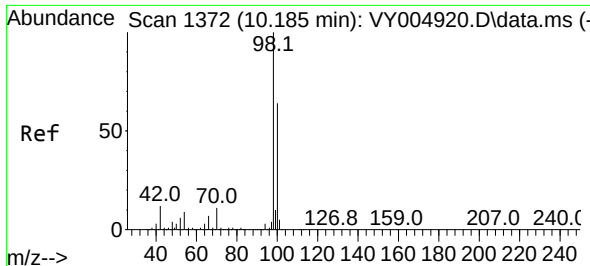


#38
Carbon Tetrachloride
Concen: 6.505 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59



Tgt Ion:117 Resp: 12082
Ion Ratio Lower Upper
117 100
119 4.0 76.1 114.1#
121 0.0 25.5 38.3#

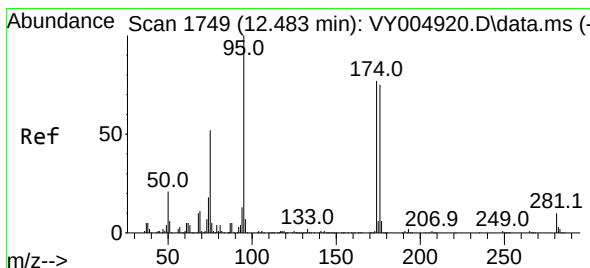
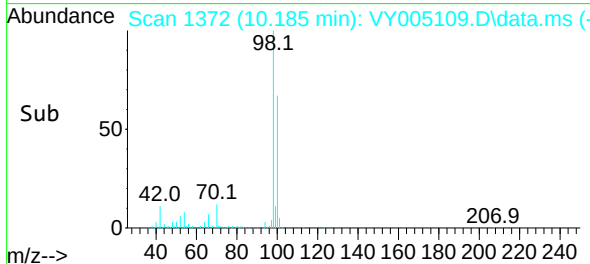
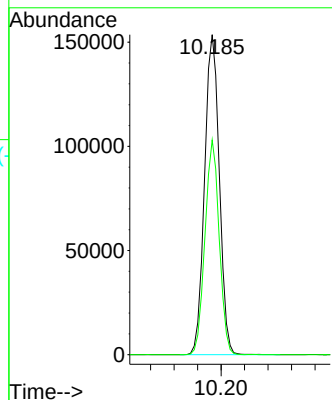
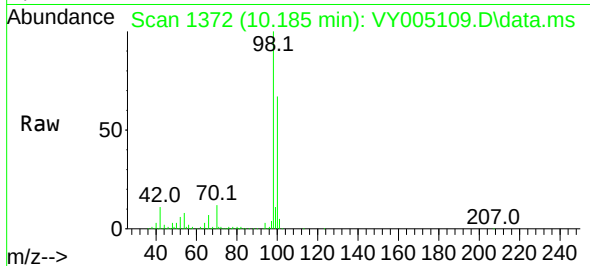




#50
Toluene-d8
Concen: 55.005 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

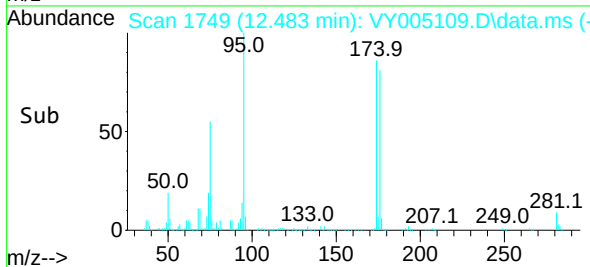
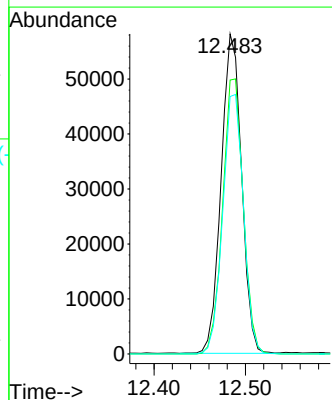
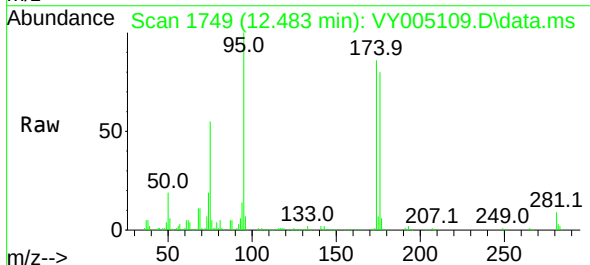
Instrument :
MSVOA_Y
ClientSampled :

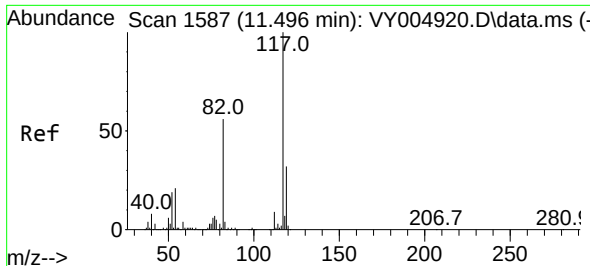
Tgt Ion: 98 Resp: 268000
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.859 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

Tgt Ion: 95 Resp: 90249
Ion Ratio Lower Upper
95 100
174 86.7 0.0 160.8
176 82.7 0.0 155.6

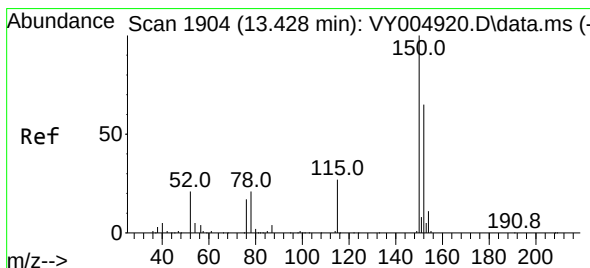
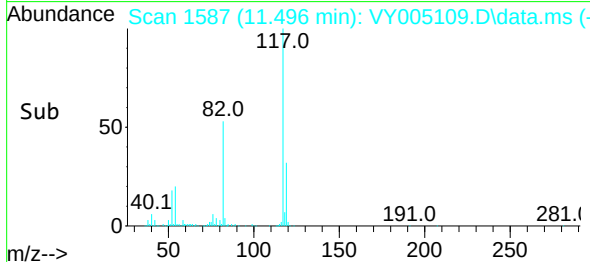
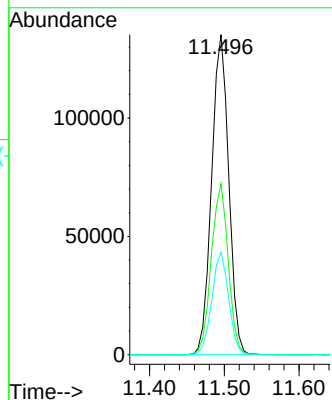
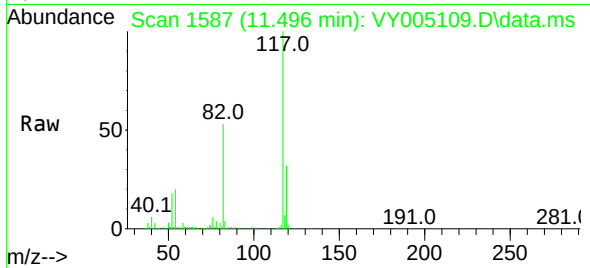




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

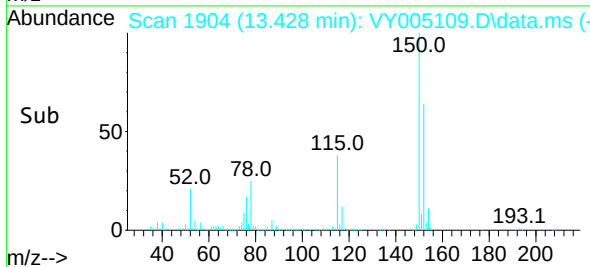
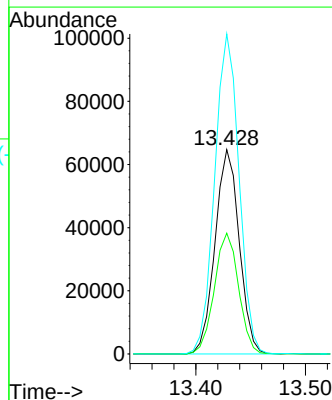
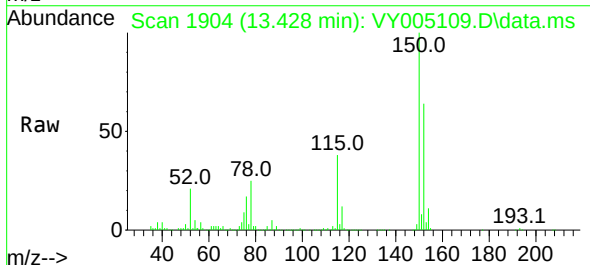
Instrument :
MSVOA_Y
ClientSampleId :

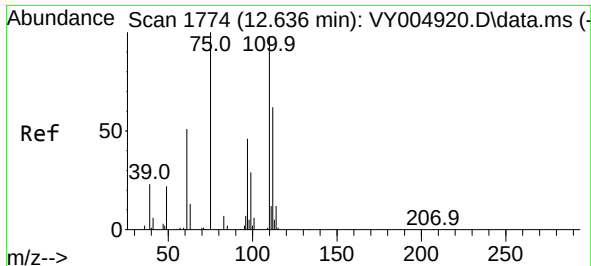
Tgt Ion:117 Resp: 215130
Ion Ratio Lower Upper
117 100
82 53.4 44.8 67.2
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

Tgt Ion:152 Resp: 99262
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.7
150 157.4 0.0 347.8

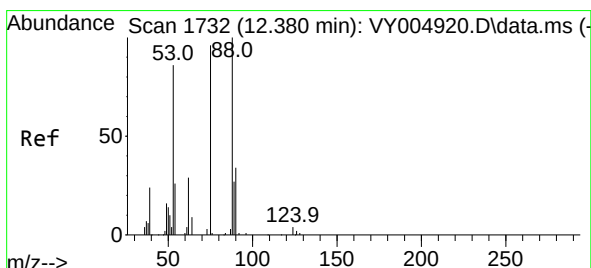
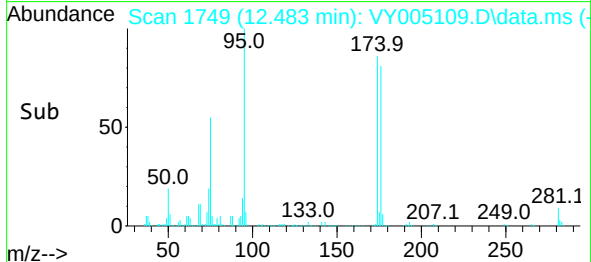
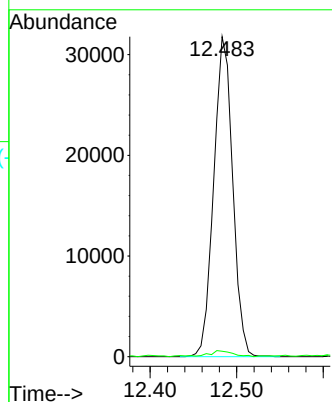
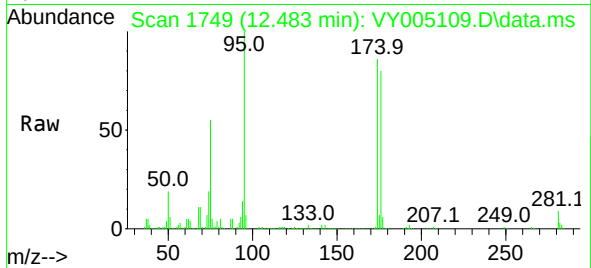




#76
1,2,3-Trichloropropane
Concen: 44.411 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 48324
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.618 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005109.D
Acq: 11 Jun 2021 05:59

Tgt Ion: 75 Resp: 48324
Ion Ratio Lower Upper
75 100
53 0.2 69.3 103.9#
89 0.0 35.0 52.6#

