

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004939.D
 Acq On : 03 Jun 2021 16:13
 Operator : SY/MD
 Sample : M2589-09
 Misc : 8.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:17:15 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)

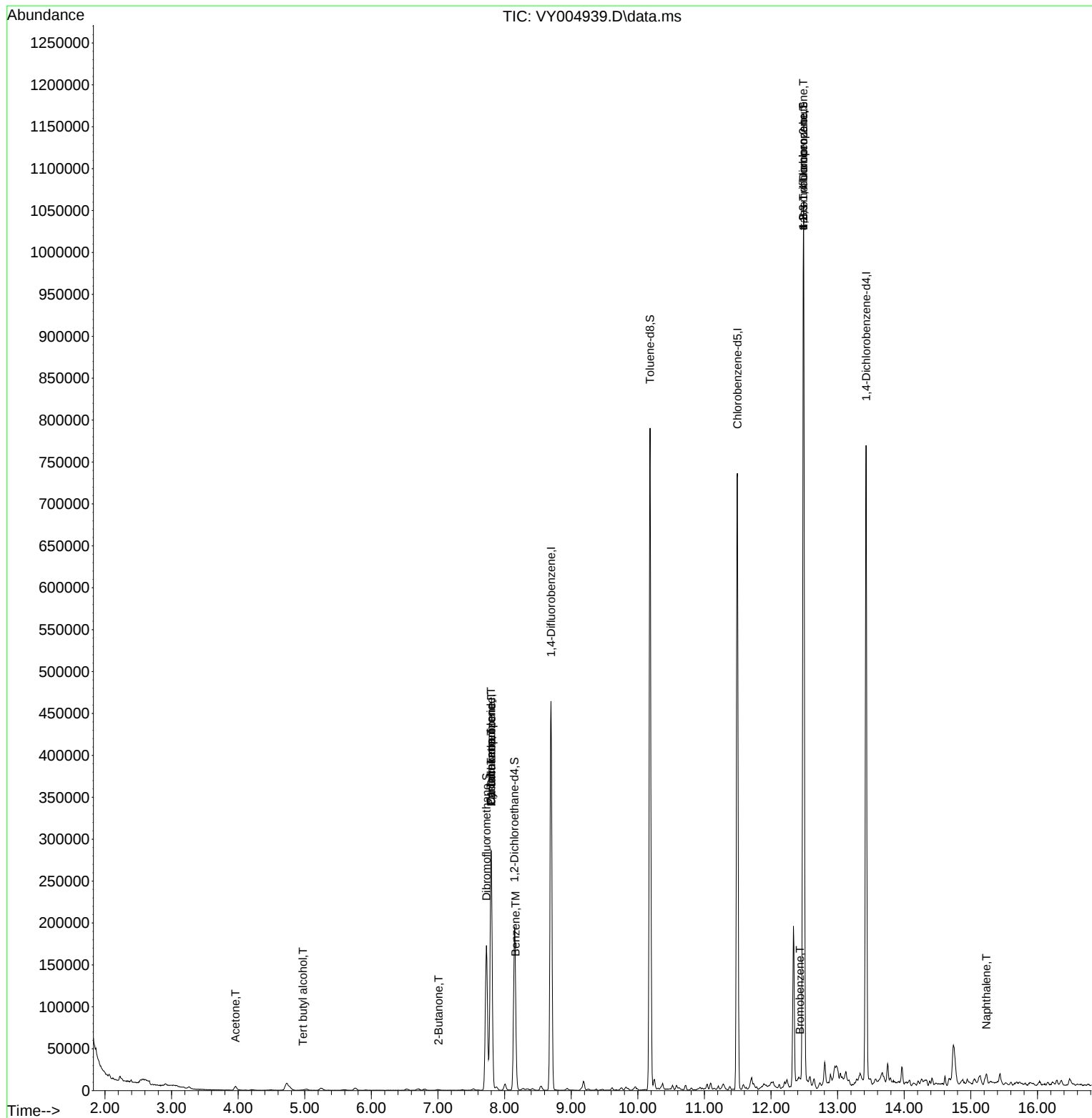
Internal Standards						
1) Pentafluorobenzene	7.801	168	217371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	383003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	397559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	143964	62.65	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.30%			
35) Dibromofluoromethane	7.728	113	122776	59.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.16%			
50) Toluene-d8	10.185	98	483205	56.46	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.92%			
62) 4-Bromofluorobenzene	12.483	95	182568	62.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 124.06%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	708	2.68	ug/l #	74
13) Acrolein	3.759	56	19	Below Cal	#	15
16) Acetone	3.960	43	7199	13.01	ug/l	100
20) Methylene Chloride	4.734	84	5710	Below Cal	#	84
25) 2-Butanone	7.008	43	1532	1.65	ug/l #	79
31) Cyclohexane	7.795	56	6744	1.67	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	17807	4.75	ug/l #	50
38) Carbon Tetrachloride	7.795	117	22192	6.80	ug/l #	17
40) Benzene	8.167	78	12045	1.12	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	99760	49.82	ug/l #	100
77) Bromobenzene	12.434	156	9201	2.98	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	99760	91.56	ug/l #	16
95) Naphthalene	15.233	128	8868	1.24	ug/l	98

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

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ClientSampleId :

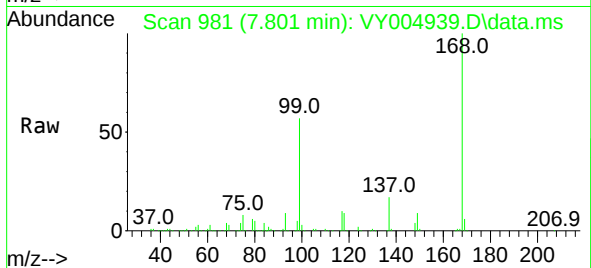
Quant Time: Jun 04 01:17:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
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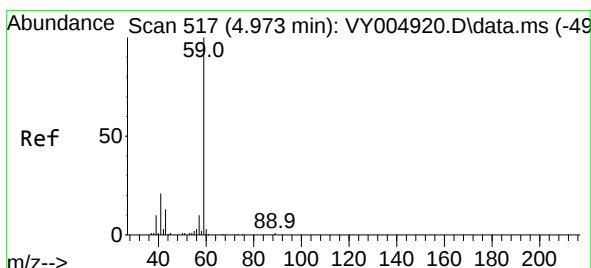
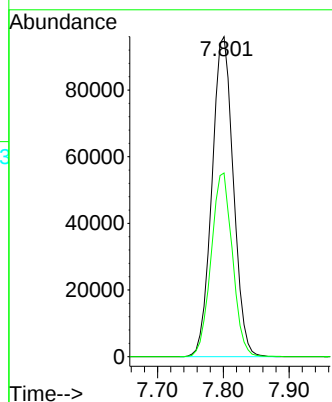
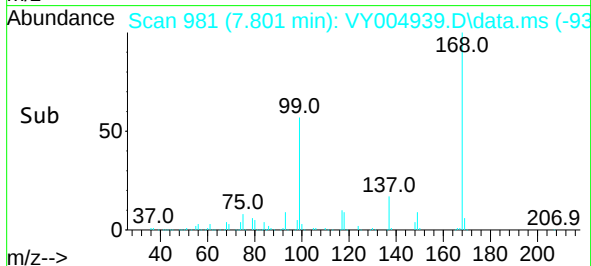


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

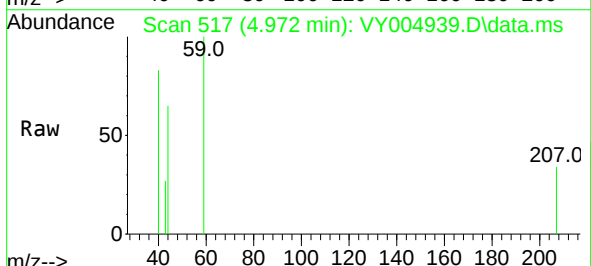
Instrument :
MSVOA_Y
ClientSampleId :



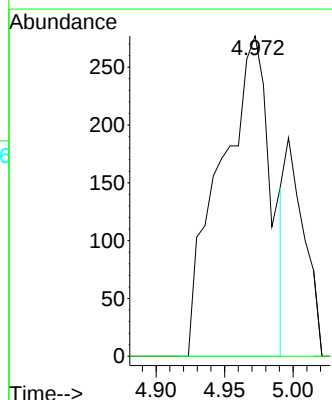
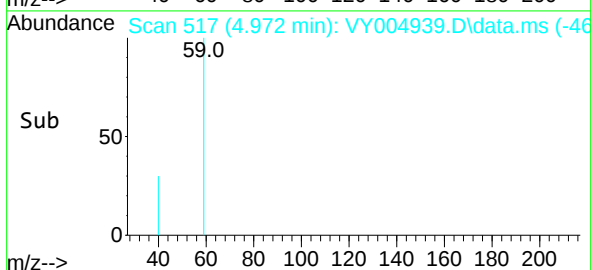
Tgt Ion:168 Resp: 217371
Ion Ratio Lower Upper
168 100
99 57.4 43.9 65.9

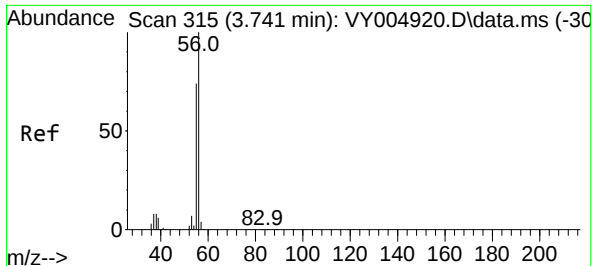


#11
Tert butyl alcohol
Concen: 2.68 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13



Tgt Ion: 59 Resp: 708
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

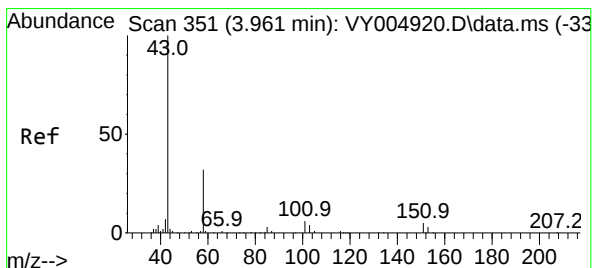
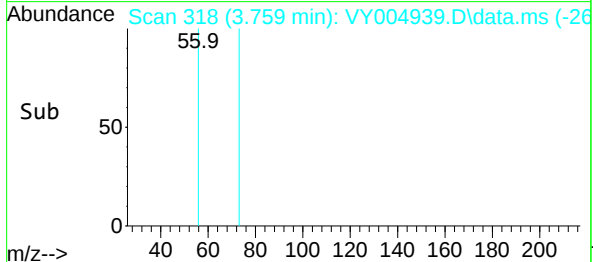
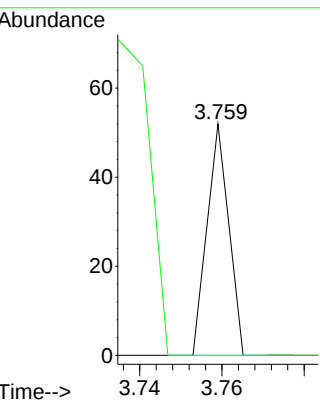
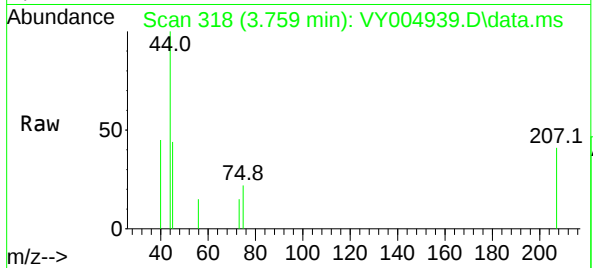




#13
Acrolein
Concen: Below Cal
RT: 3.759 min Scan# 318
Delta R.T. 0.018 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

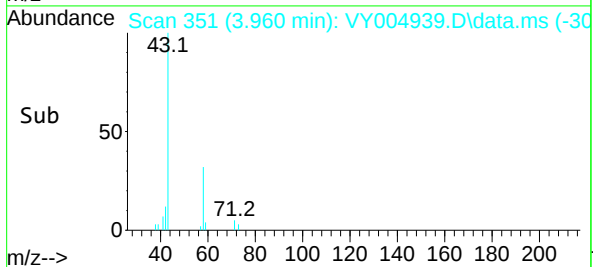
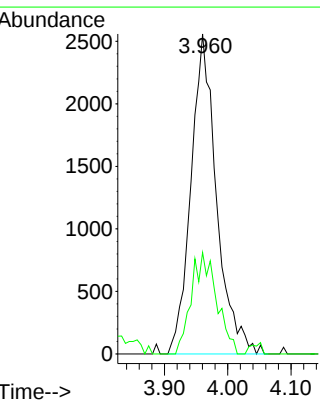
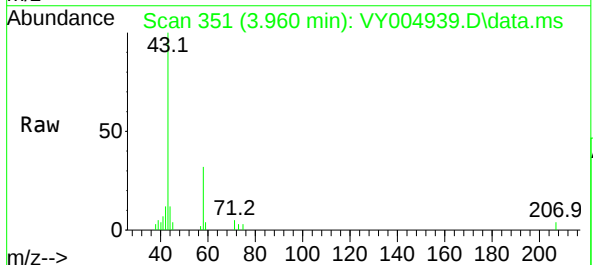
Instrument :
MSVOA_Y
ClientSampled :

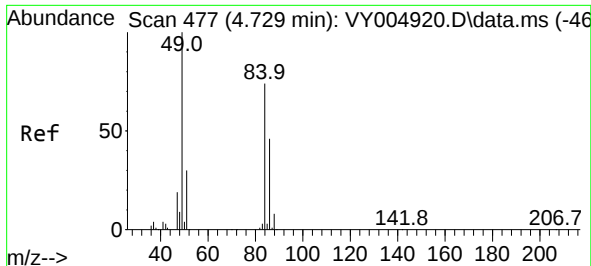
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 13.01 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

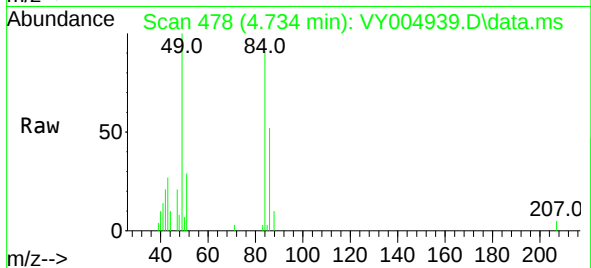
Tgt Ion: 43 Resp: 7199
Ion Ratio Lower Upper
43 100
58 31.7 25.3 37.9



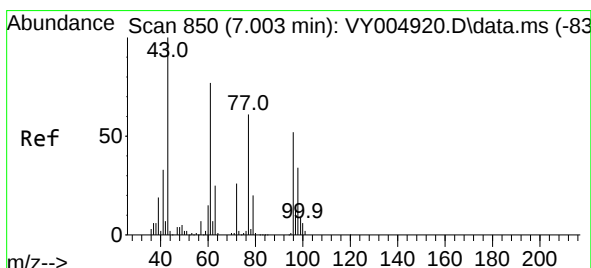
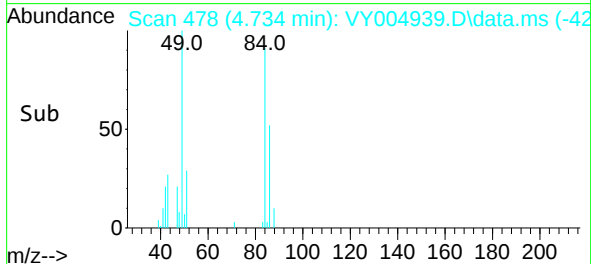
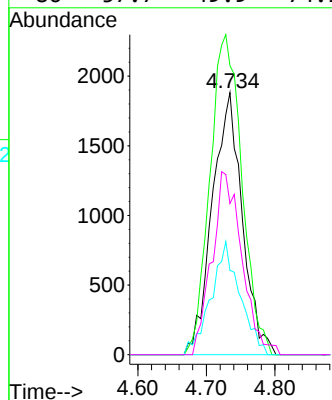


#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

Instrument :
MSVOA_Y
ClientSampled :

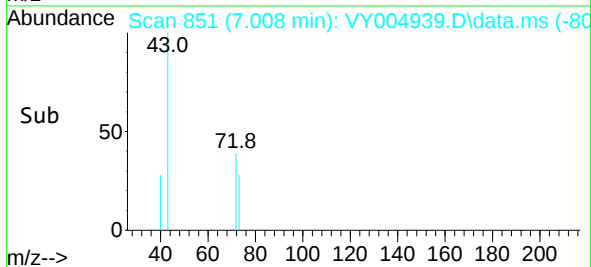
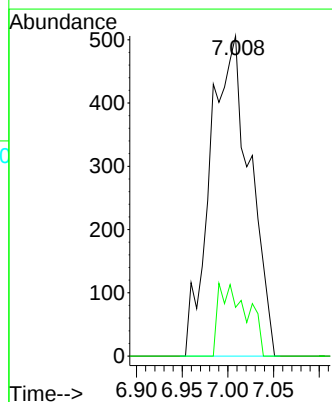
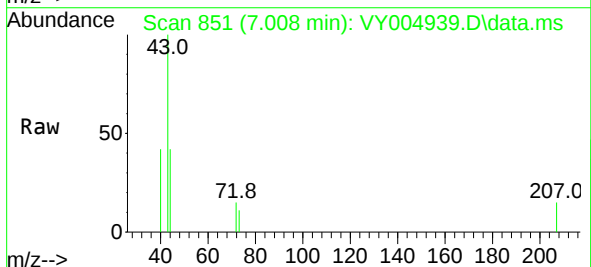


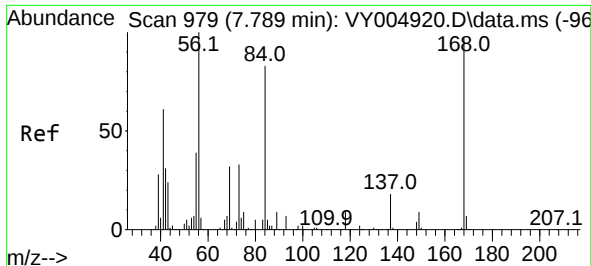
Tgt Ion:	84	Resp:	5710
Ion	Ratio	Lower	Upper
84	100		
49	110.3	108.0	162.0
51	32.1	32.6	48.8#
86	57.7	49.9	74.9



#25
2-Butanone
Concen: 1.65 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

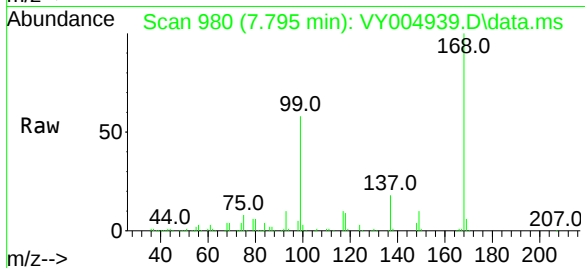
Tgt Ion:	43	Resp:	1532
Ion	Ratio	Lower	Upper
43	100		
72	15.2	20.6	31.0#



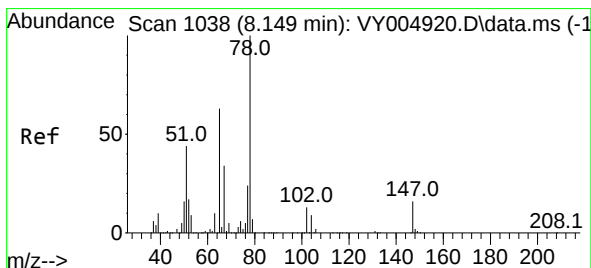
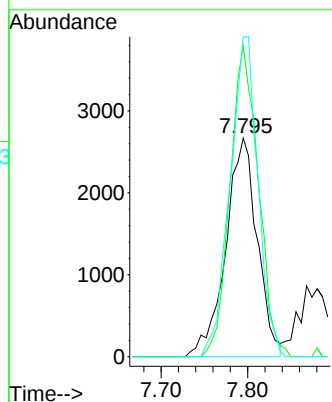
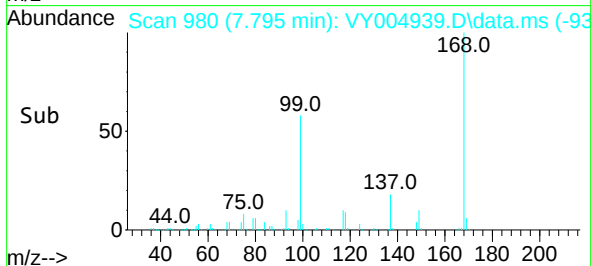


#31
Cyclohexane
Concen: 1.67 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

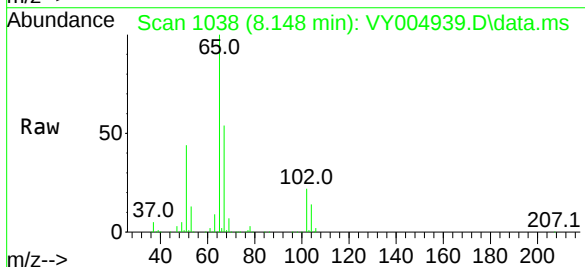
Instrument :
MSVOA_Y
ClientSampleId :



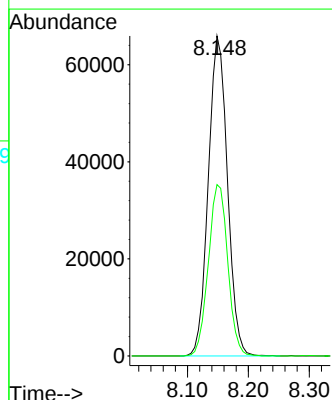
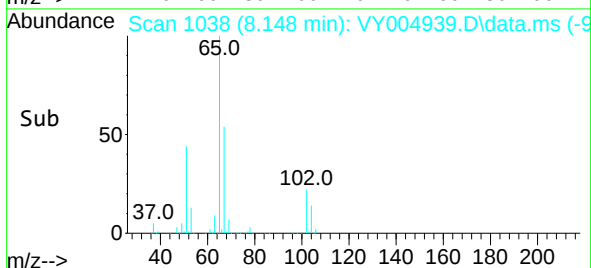
Tgt Ion: 56 Resp: 6744
Ion Ratio Lower Upper
56 100
69 142.0 25.3 37.9#
84 146.4 66.2 99.4#

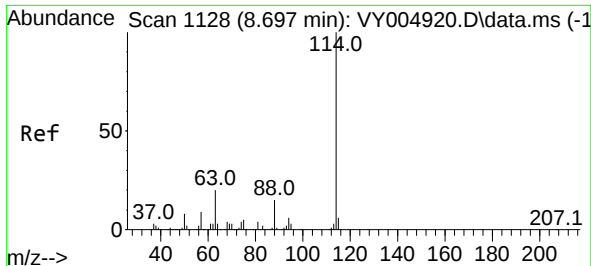


#33
1,2-Dichloroethane-d4
Concen: 62.65 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13



Tgt Ion: 65 Resp: 143964
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6

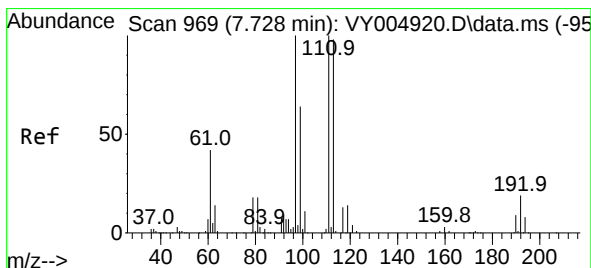
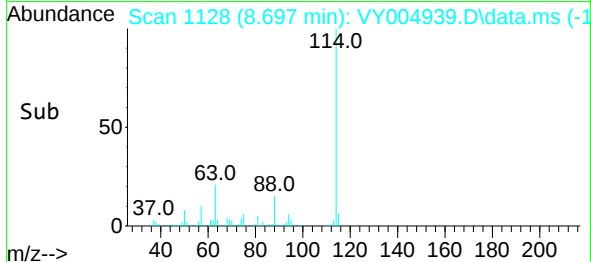
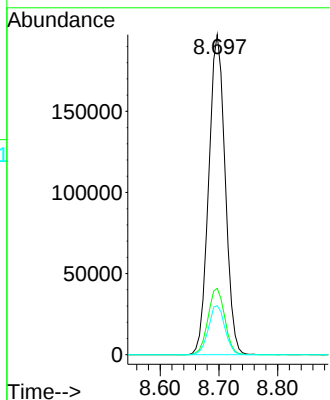
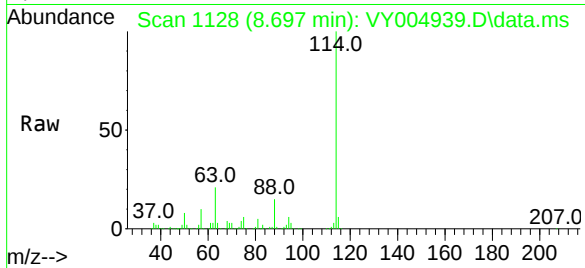




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

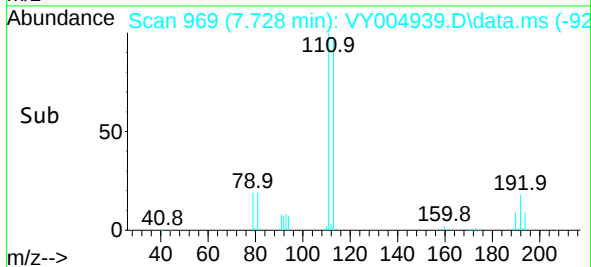
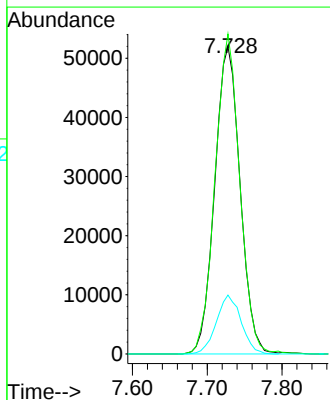
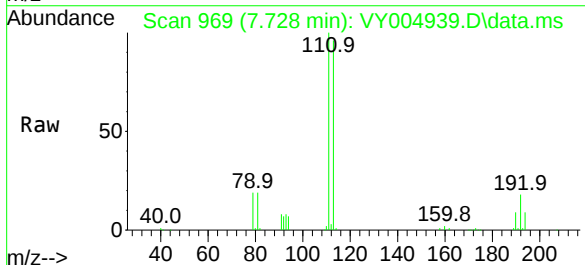
Instrument :
MSVOA_Y
ClientSampleId :

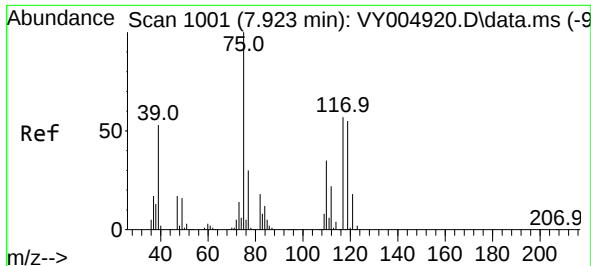
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.0
88	15.3	0.0	30.6



#35
Dibromofluoromethane
Concen: 59.58 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

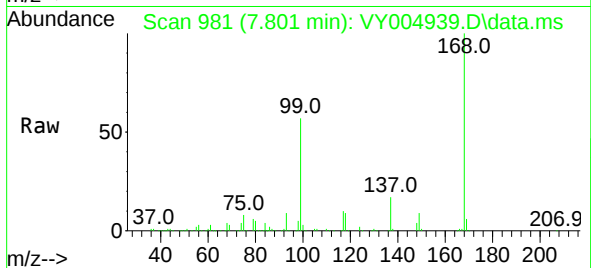
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.8
192	18.7	15.3	22.9



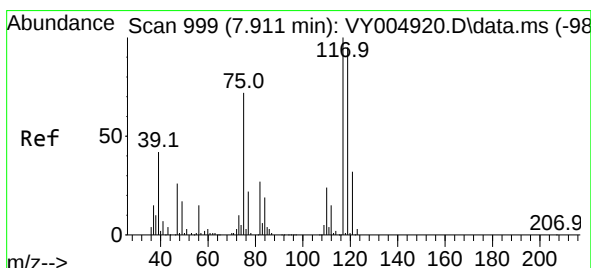
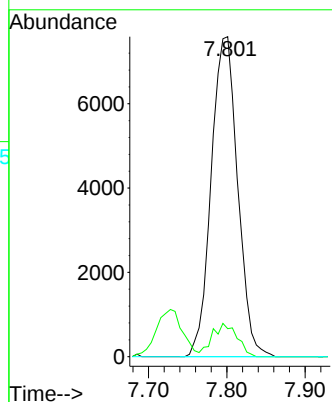
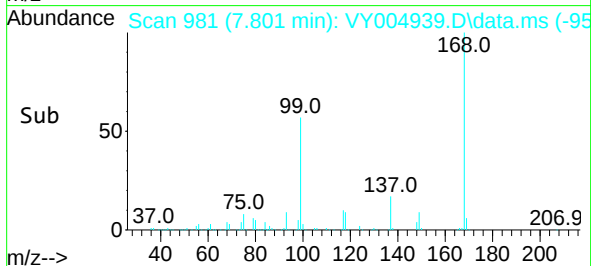


#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

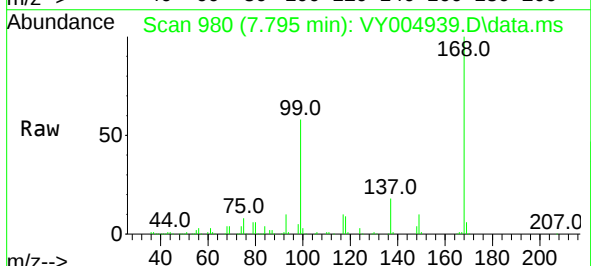
Instrument :
MSVOA_Y
ClientSampleId :



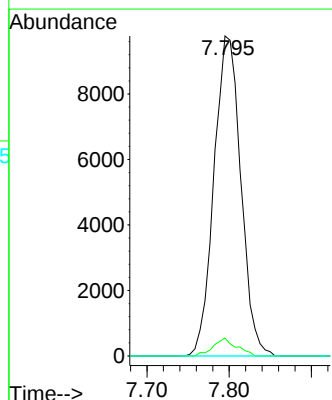
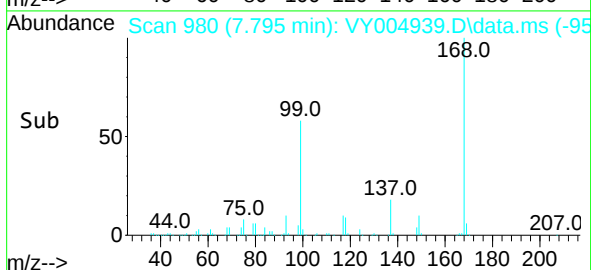
Tgt Ion: 75 Resp: 17807
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 25.1 37.7#

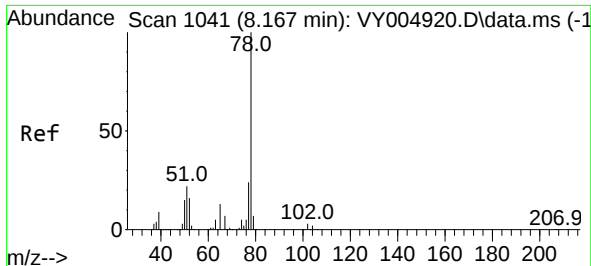


#38
Carbon Tetrachloride
Concen: 6.80 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13



Tgt Ion: 117 Resp: 22192
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 25.5 38.3#

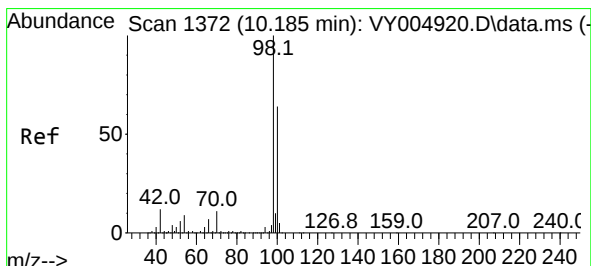
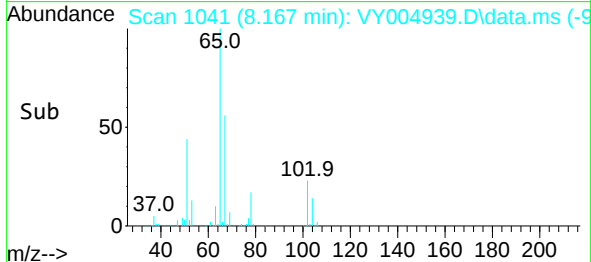
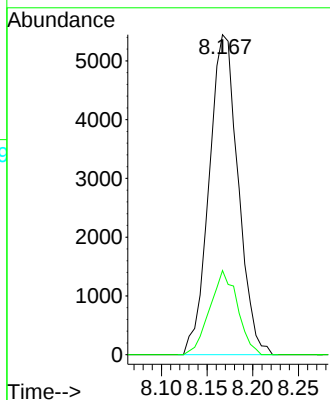
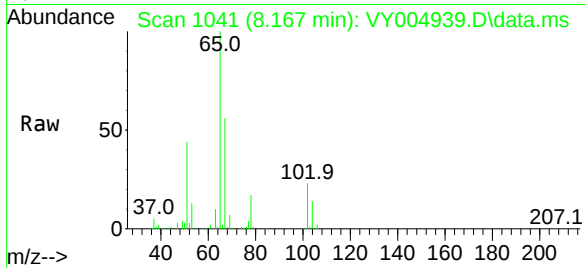




#40
Benzene
Concen: 1.12 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

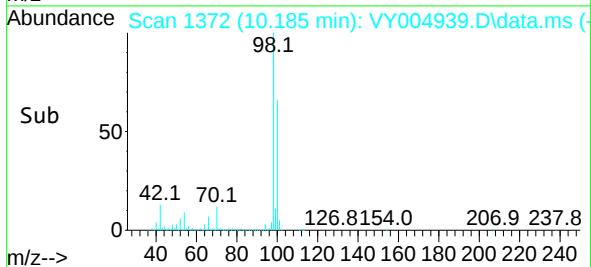
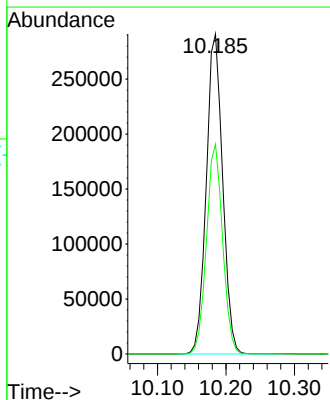
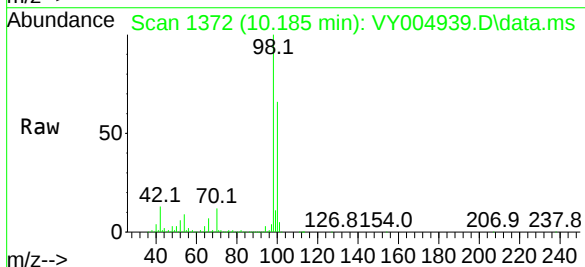
Instrument :
MSVOA_Y
ClientSampled :

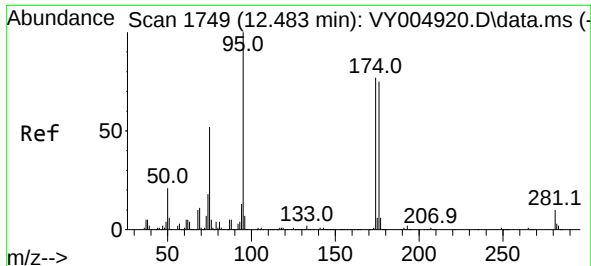
Tgt Ion: 78 Resp: 12045
Ion Ratio Lower Upper
78 100
77 26.3 19.4 29.2



#50
Toluene-d8
Concen: 56.46 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

Tgt Ion: 98 Resp: 483205
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

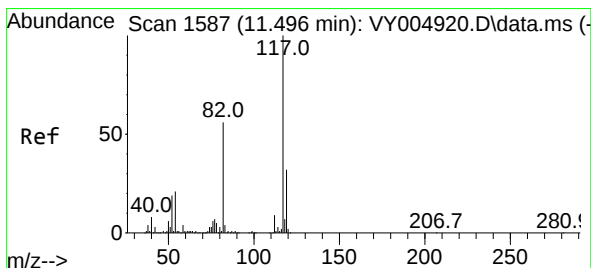
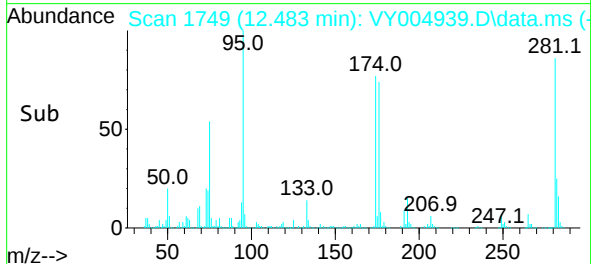
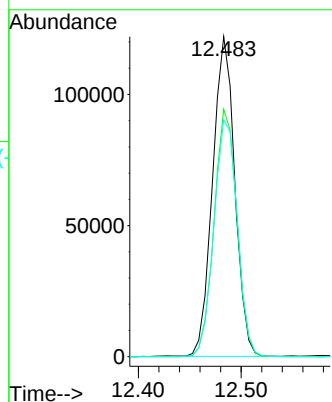
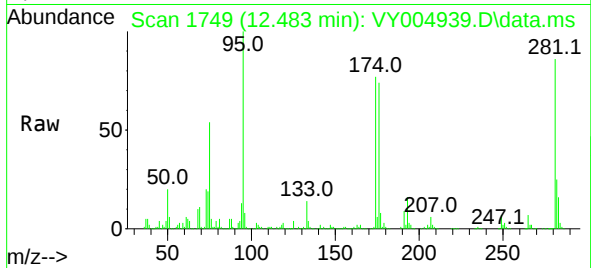




#62
4-Bromofluorobenzene
Concen: 62.03 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

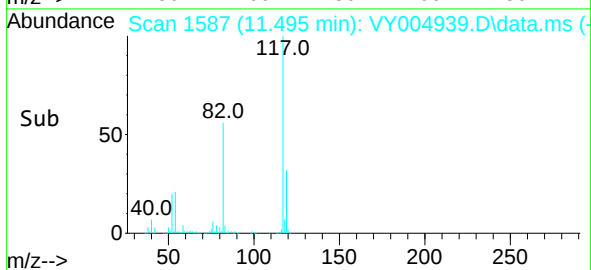
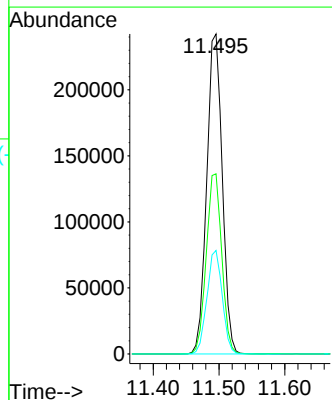
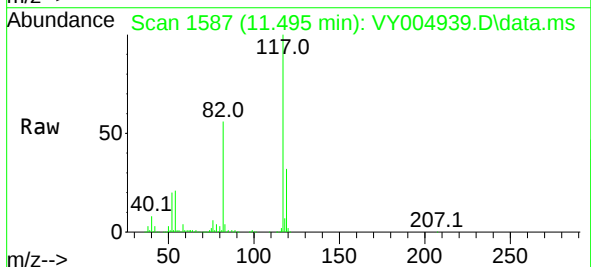
Instrument :
MSVOA_Y
ClientSampled :

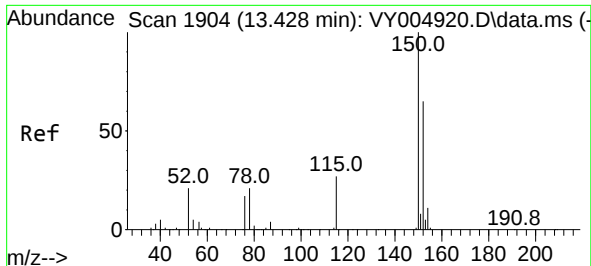
Tgt Ion:	95	Resp:	182568
Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	160.8
176	78.3	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

Tgt Ion:	117	Resp:	397559
Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.8	67.2
119	32.4	25.2	37.8

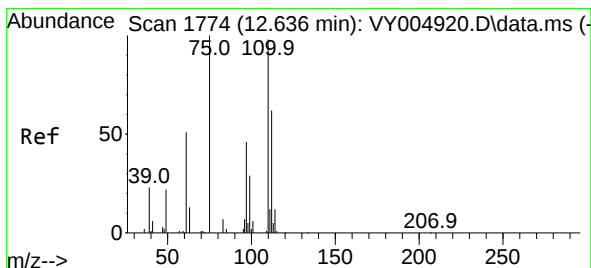
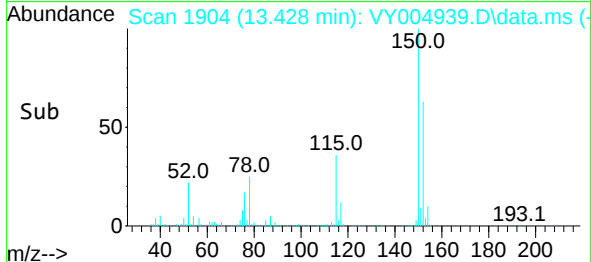
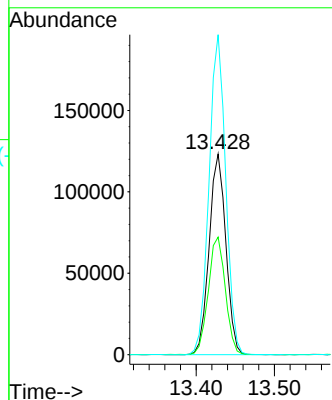
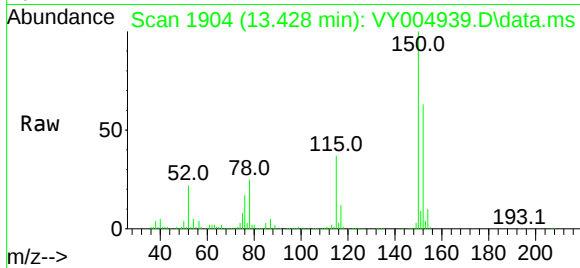




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

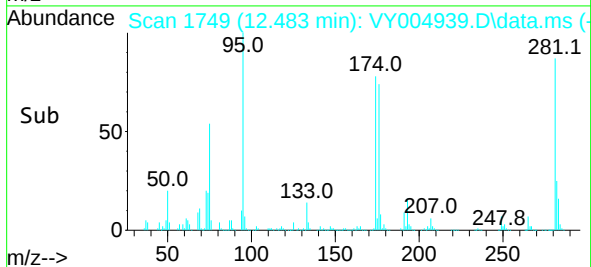
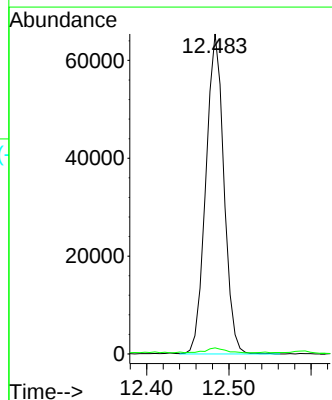
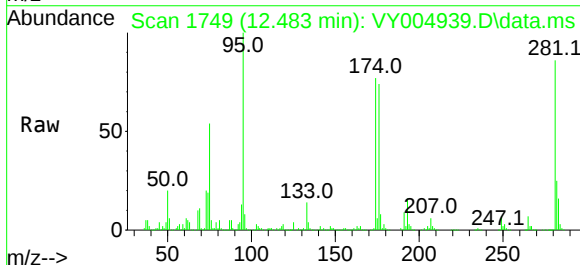
Instrument :
MSVOA_Y
ClientSampled :

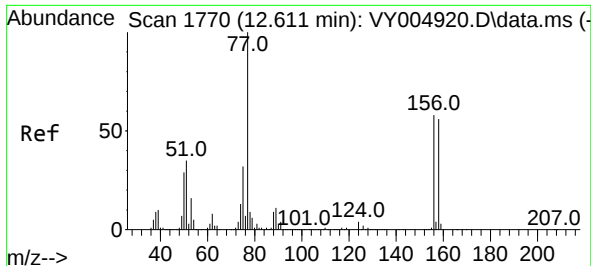
Tgt Ion:152 Resp: 182664
Ion Ratio Lower Upper
152 100
115 60.0 29.9 89.7
150 158.7 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 49.82 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

Tgt Ion: 75 Resp: 99760
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

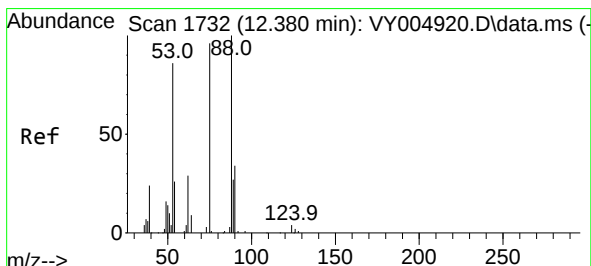
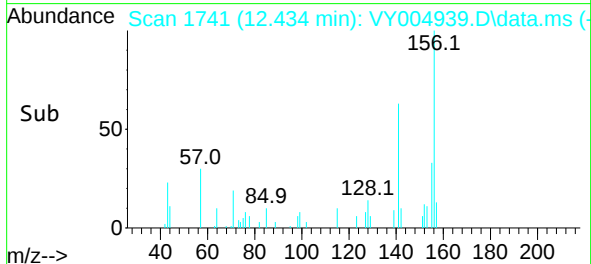
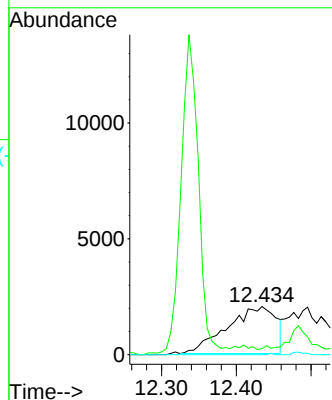
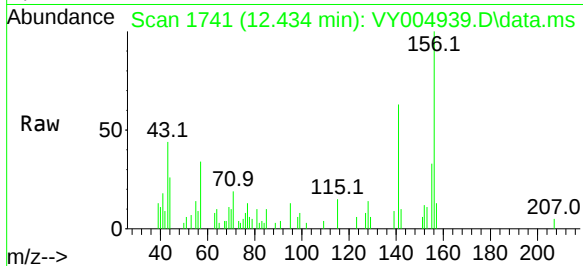




#77
Bromobenzene
Concen: 2.98 ug/l
RT: 12.434 min Scan# 1741
Delta R.T. -0.177 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

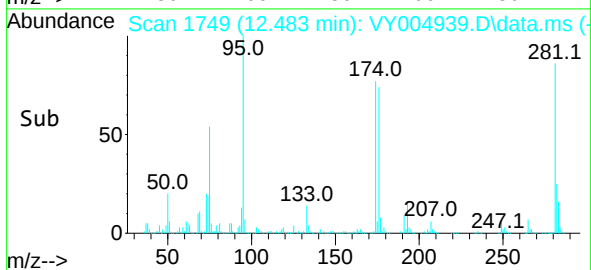
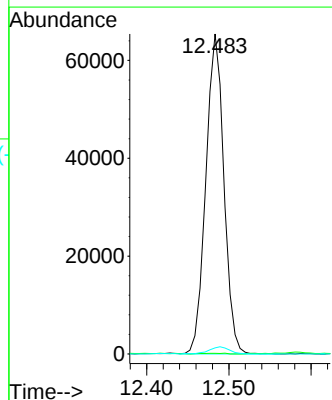
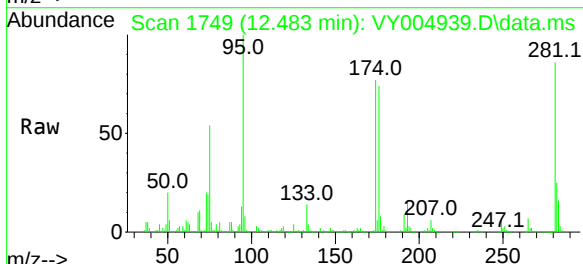
Instrument :
MSVOA_Y
ClientSampleId :

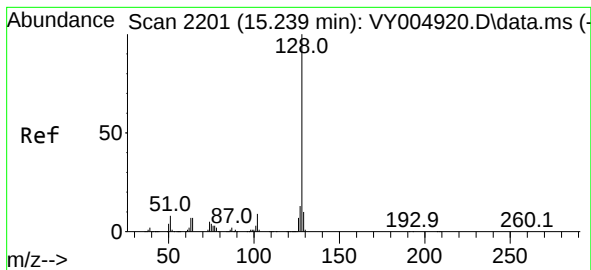
Tgt Ion:156 Resp: 9201
Ion Ratio Lower Upper
156 100
77 0.0 98.0 294.1#
158 0.2 47.7 143.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

Tgt Ion: 75 Resp: 99760
Ion Ratio Lower Upper
75 100
53 0.3 69.3 103.9#
89 2.6 35.0 52.6#





#95
Naphthalene
Concen: 1.24 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004939.D
Acq: 03 Jun 2021 16:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 8868
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.2
129 11.2 8.7 13.1

