

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004948.D
 Acq On : 03 Jun 2021 19:41
 Operator : SY/MD
 Sample : M2589-18
 Misc : 8.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:19:48 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)

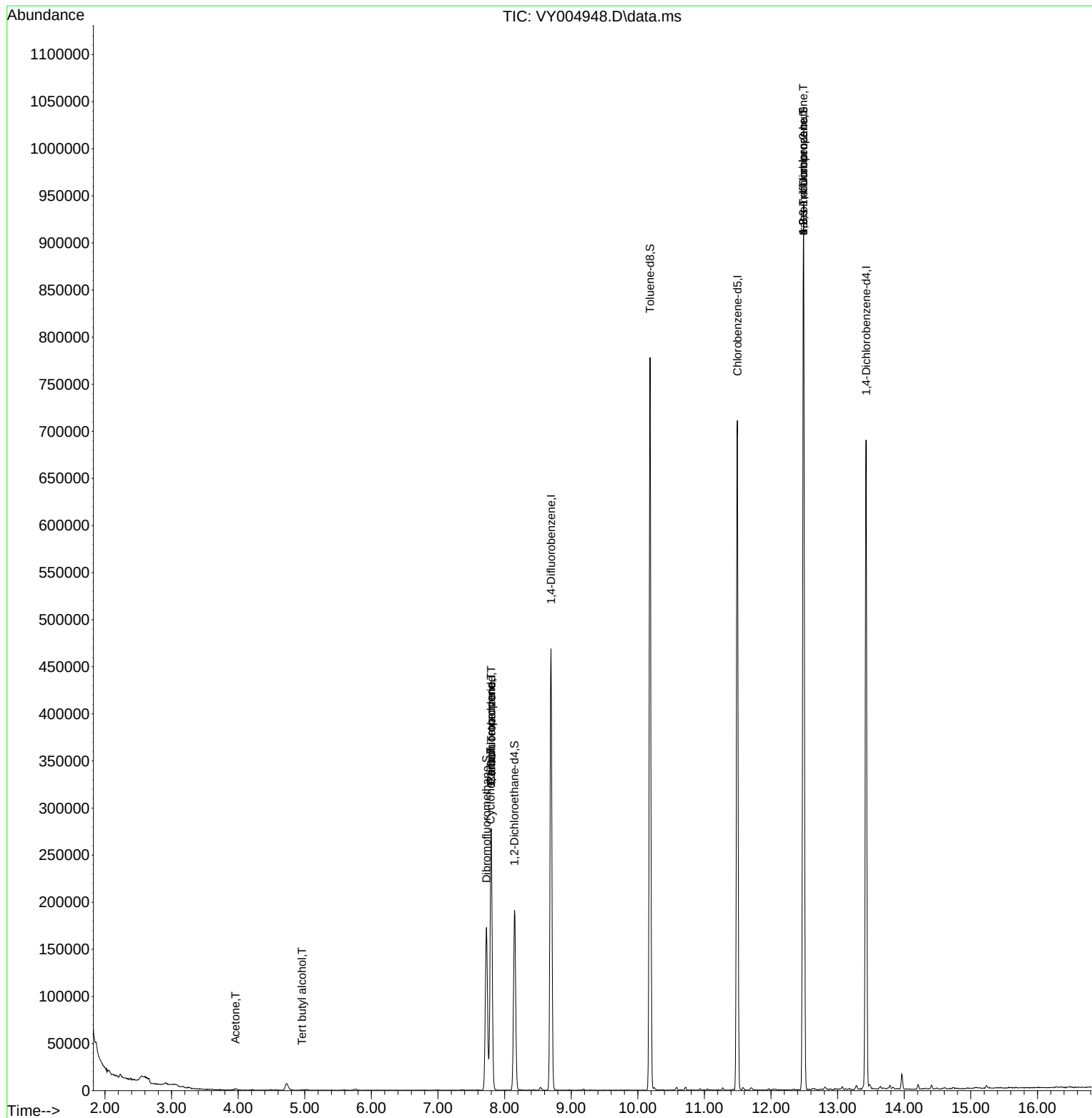
Internal Standards						
1) Pentafluorobenzene	7.801	168	206772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	385928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	377184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148091	67.75	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.50%			
35) Dibromofluoromethane	7.728	113	120829	58.19	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.38%			
50) Toluene-d8	10.185	98	484023	56.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.26%			
62) 4-Bromofluorobenzene	12.483	95	173825	58.61	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.22%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	698	2.78	ug/l #	74
16) Acetone	3.960	43	2640	5.02	ug/l	95
20) Methylene Chloride	4.722	84	5179	Below Cal		93
31) Cyclohexane	7.789	56	5316	1.38	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	17233	4.56	ug/l #	49
38) Carbon Tetrachloride	7.801	117	21306	6.48	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	97114	51.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	97114	94.92	ug/l #	16

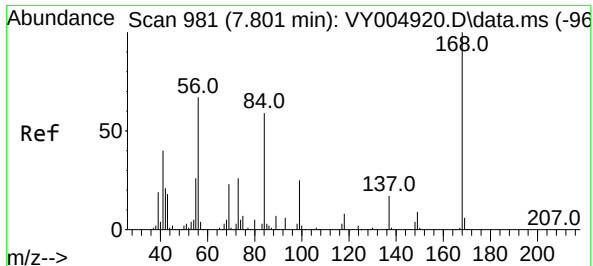
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :

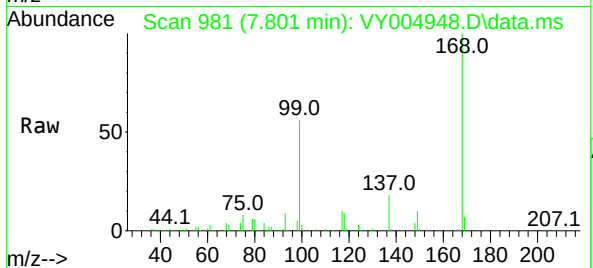
Quant Time: Jun 04 01:19:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



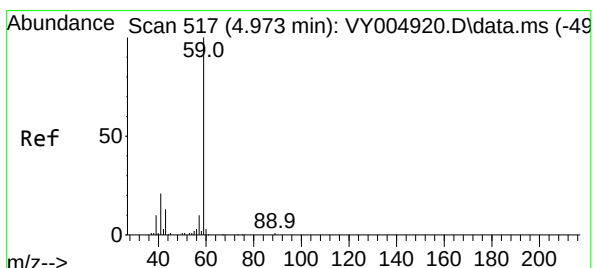
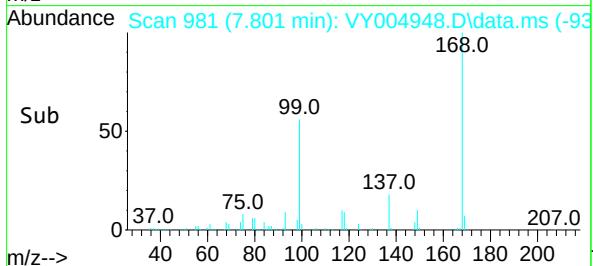
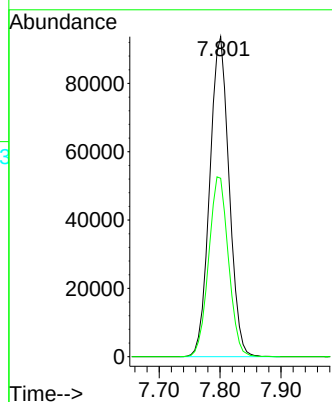


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

Instrument :
MSVOA_Y
ClientSampled :

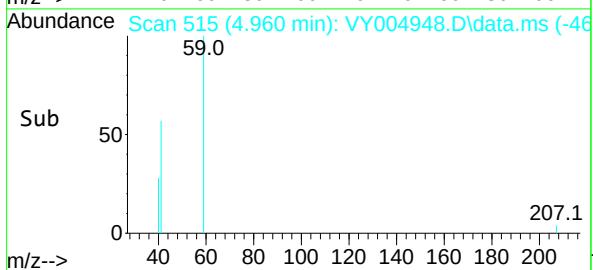
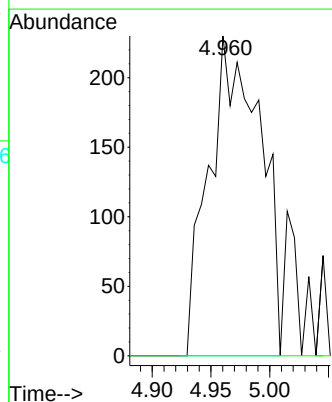
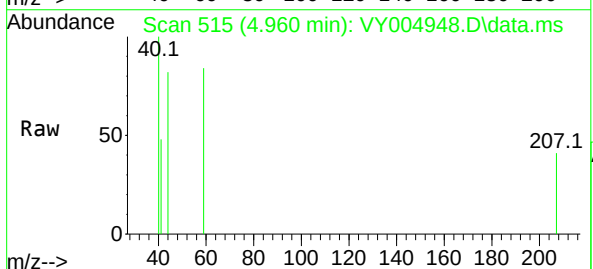


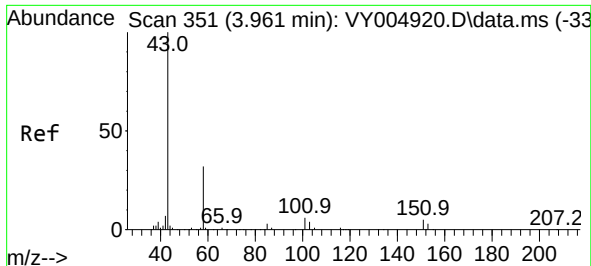
Tgt Ion:168 Resp: 206772
Ion Ratio Lower Upper
168 100
99 55.7 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.78 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

Tgt Ion: 59 Resp: 698
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

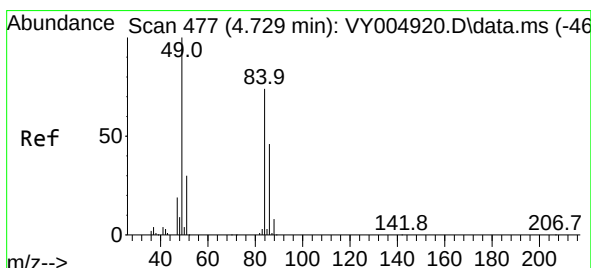
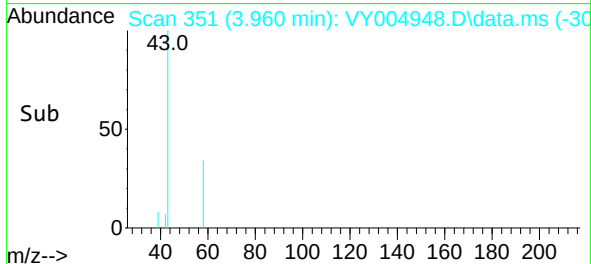
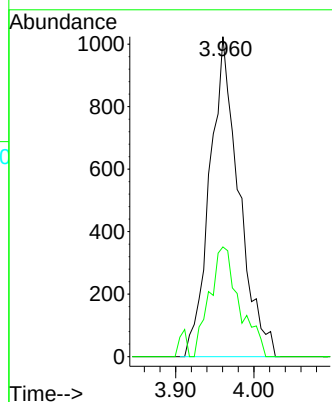
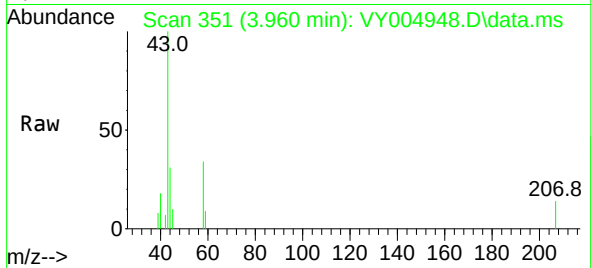




#16
Acetone
Concen: 5.02 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

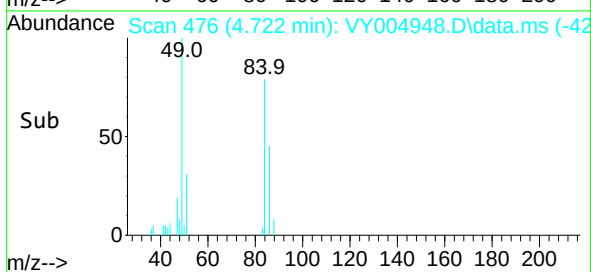
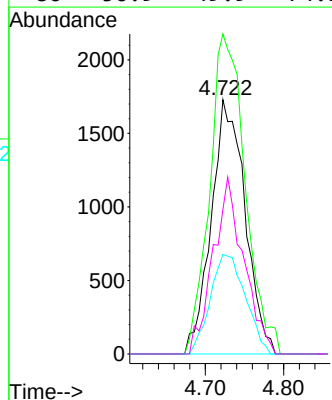
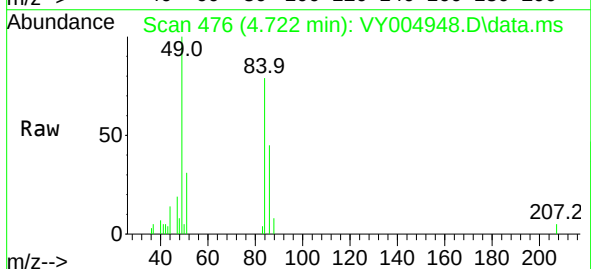
Instrument :
MSVOA_Y
ClientSampled :

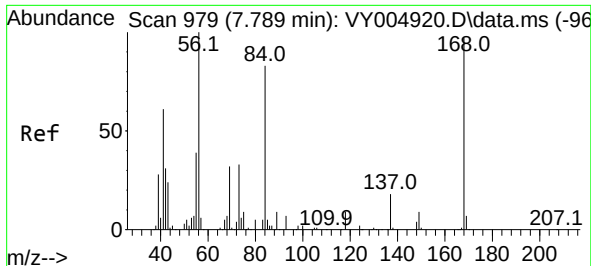
Tgt Ion: 43 Resp: 2640
Ion Ratio Lower Upper
43 100
58 34.3 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

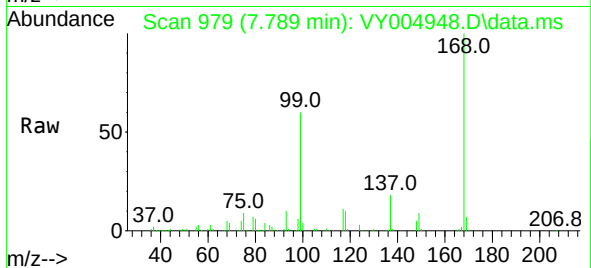
Tgt Ion: 84 Resp: 5179
Ion Ratio Lower Upper
84 100
49 125.9 108.0 162.0
51 39.2 32.6 48.8
86 56.9 49.9 74.9



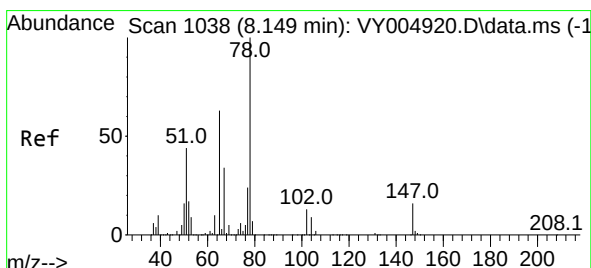
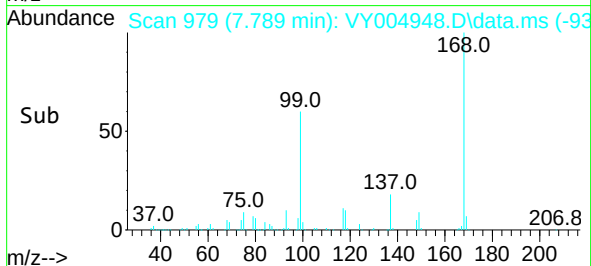
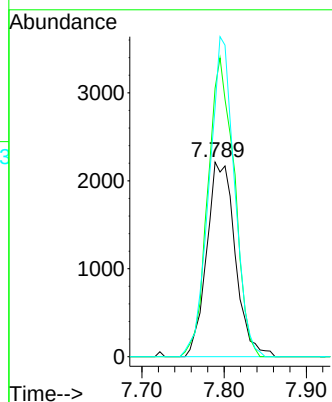


#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

Instrument :
MSVOA_Y
ClientSampleId :

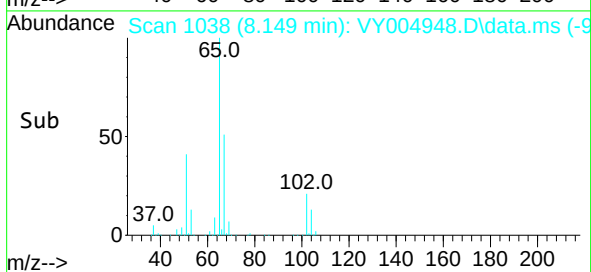
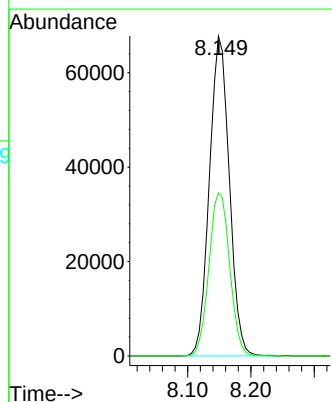
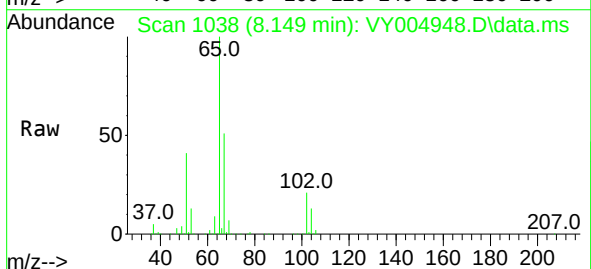


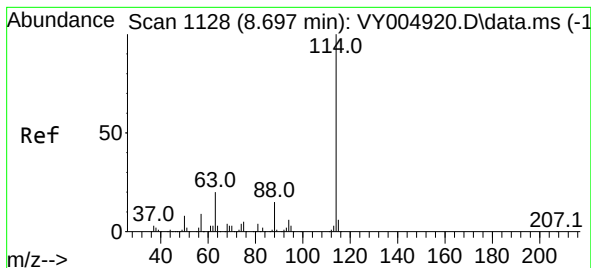
Tgt Ion: 56 Resp: 5316
Ion Ratio Lower Upper
56 100
69 138.0 25.3 37.9#
84 127.9 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 67.75 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

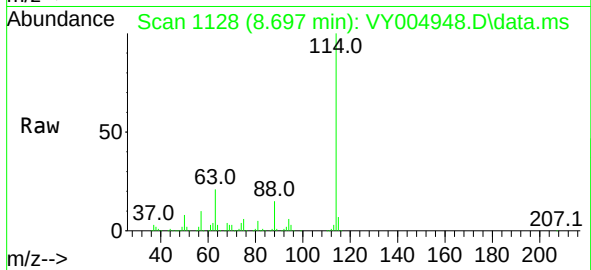
Tgt Ion: 65 Resp: 148091
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.6



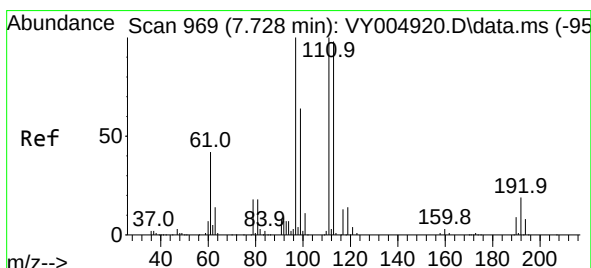
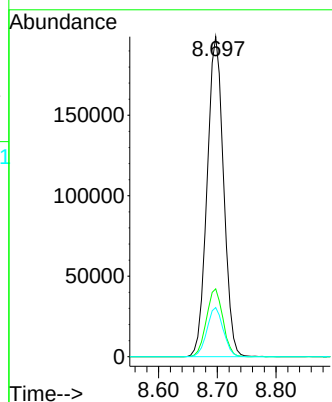
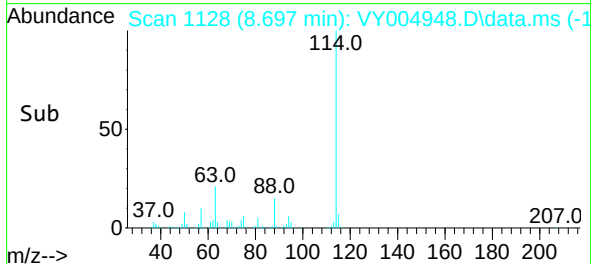


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

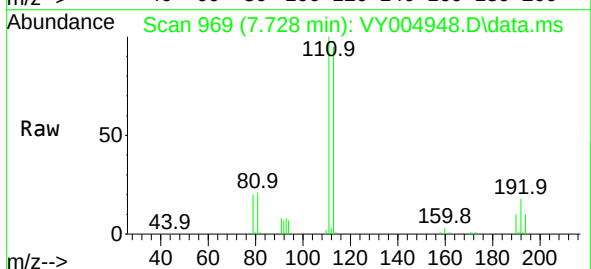
Instrument :
MSVOA_Y
ClientSampleId :



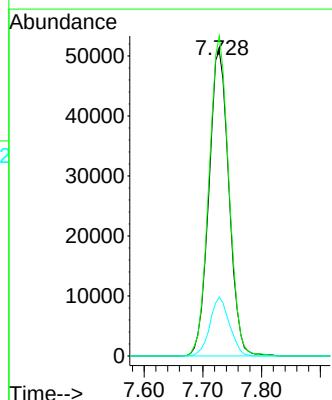
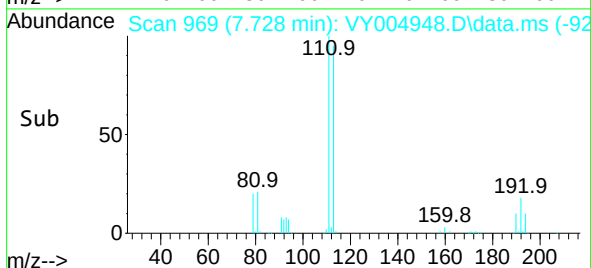
Tgt Ion:114 Resp: 385928
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.0
88 15.3 0.0 30.6

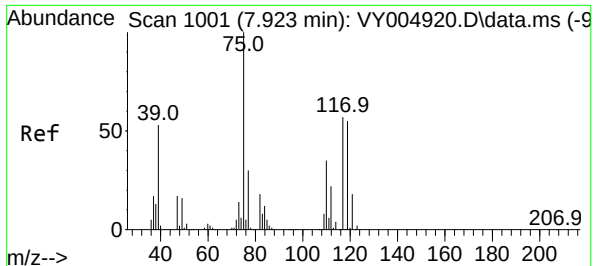


#35
Dibromofluoromethane
Concen: 58.19 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41



Tgt Ion:113 Resp: 120829
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.8
192 18.7 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.56 ug/l

RT: 7.795 min Scan# 980

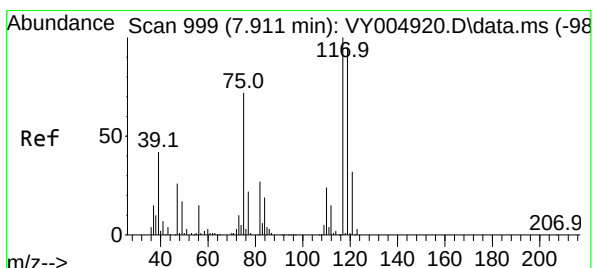
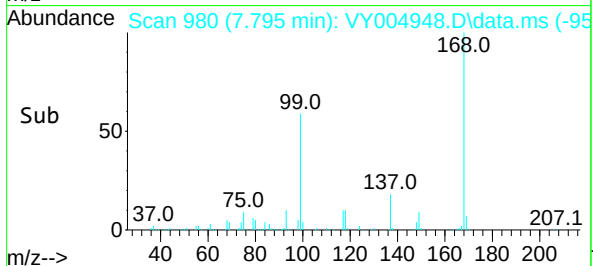
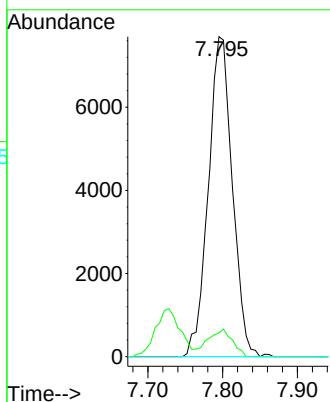
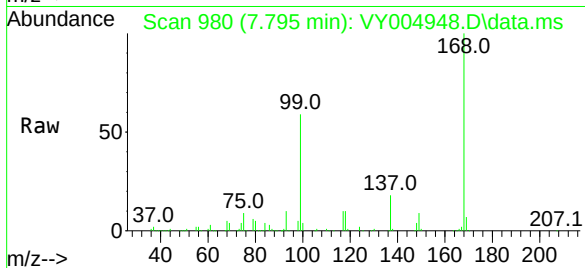
Delta R.T. -0.128 min

Lab File: VY004948.D

Acq: 03 Jun 2021 19:41

Tgt Ion:	75	Resp:	17233
Ion Ratio	Lower	Upper	
75	100		
110	8.6	17.5	52.5#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.48 ug/l

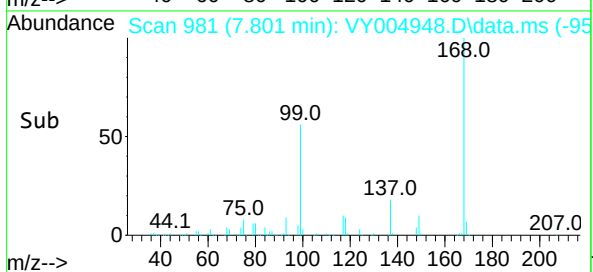
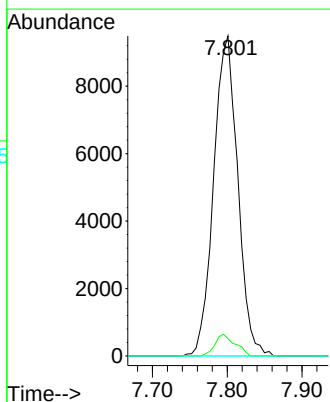
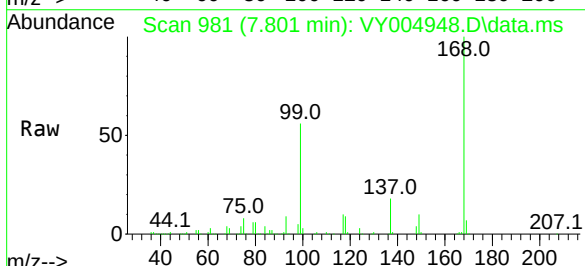
RT: 7.801 min Scan# 981

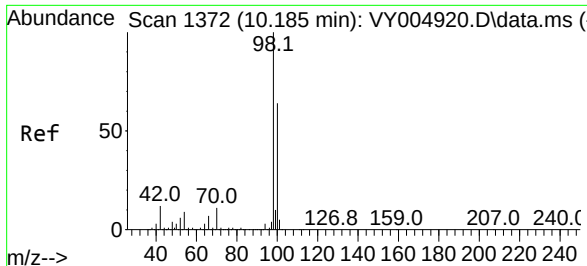
Delta R.T. -0.110 min

Lab File: VY004948.D

Acq: 03 Jun 2021 19:41

Tgt Ion:	117	Resp:	21306
Ion Ratio	Lower	Upper	
117	100		
119	5.4	76.1	114.1#
121	0.0	25.5	38.3#

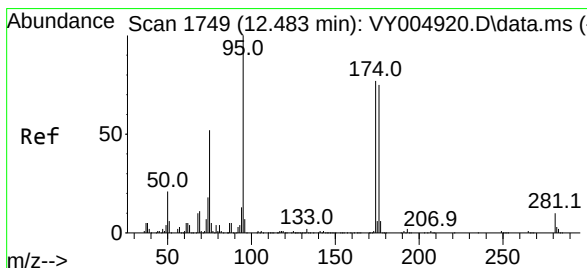
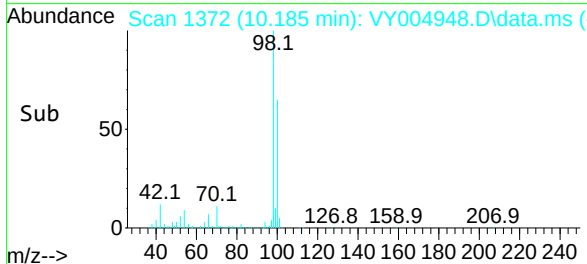
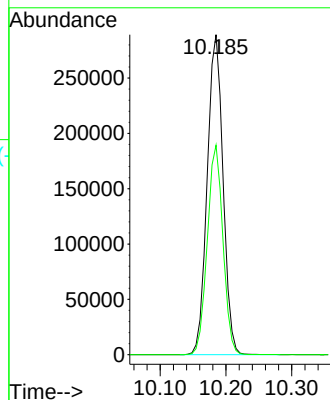
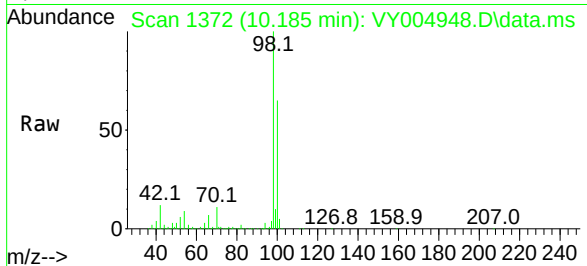




#50
Toluene-d8
Concen: 56.13 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

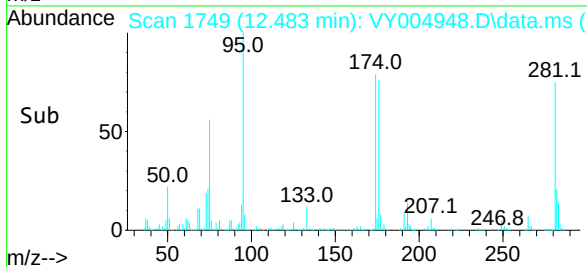
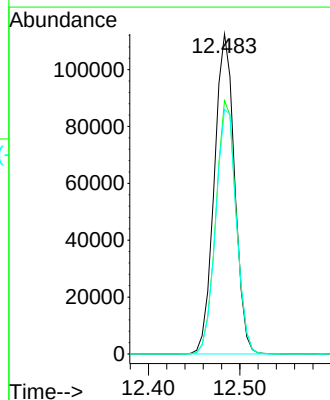
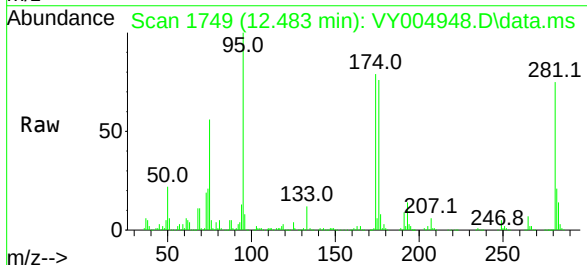
Instrument :
MSVOA_Y
ClientSampled :

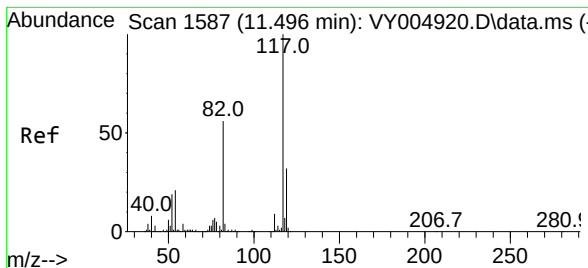
Tgt Ion: 98 Resp: 484023
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.61 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

Tgt Ion: 95 Resp: 173825
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.8
176 78.0 0.0 155.6

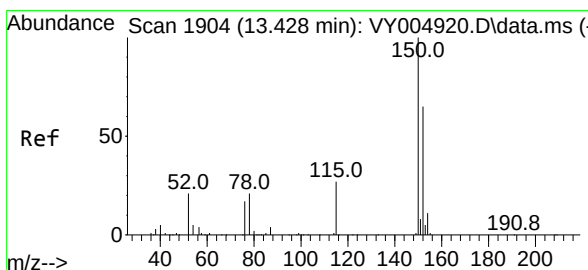
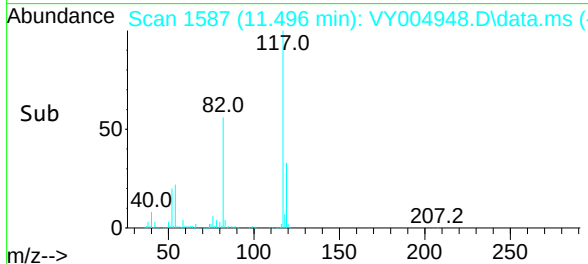
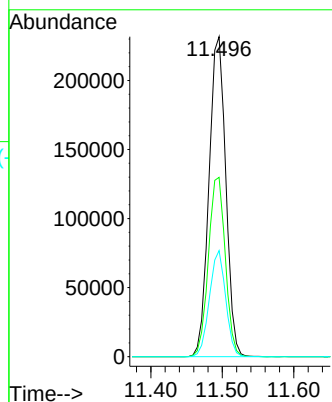
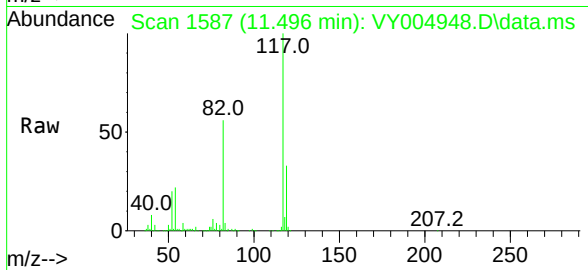




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

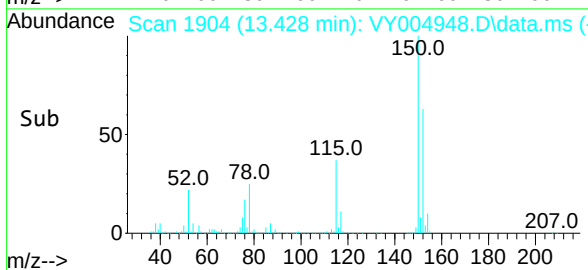
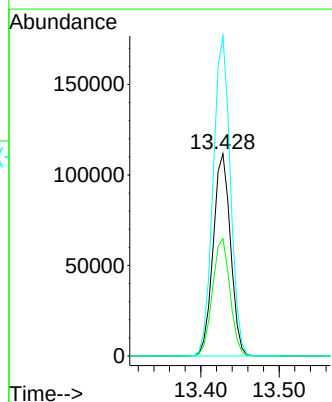
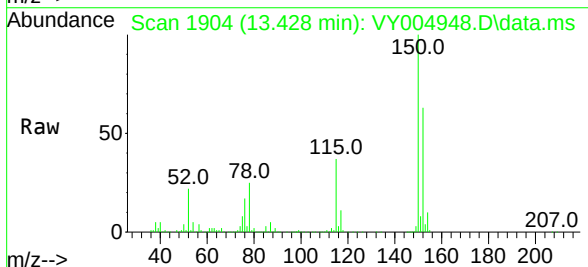
Instrument :
MSVOA_Y
ClientSampled :

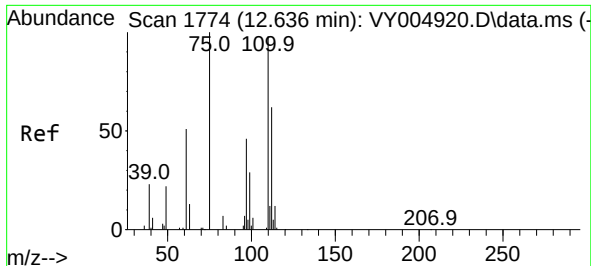
Tgt Ion:117 Resp: 377184
Ion Ratio Lower Upper
117 100
82 56.1 44.8 67.2
119 33.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

Tgt Ion:152 Resp: 171528
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.7
150 157.3 0.0 347.8

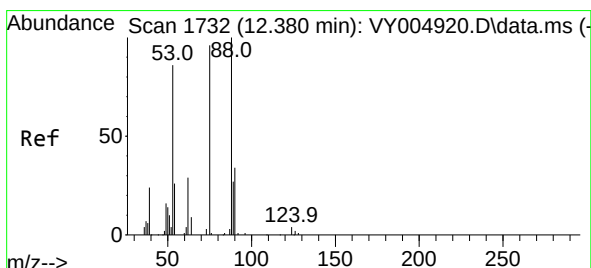
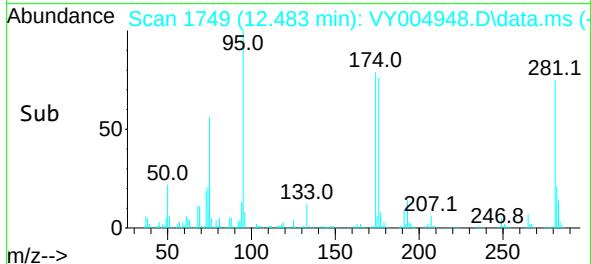
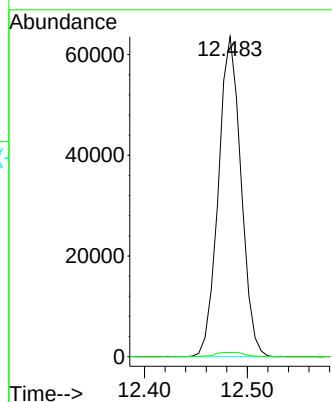
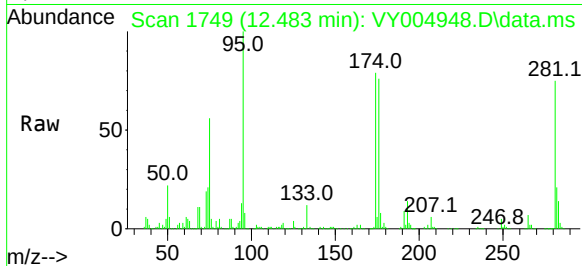




#76
1,2,3-Trichloropropane
Concen: 51.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 97114
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004948.D
Acq: 03 Jun 2021 19:41

Tgt Ion: 75 Resp: 97114
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 1.8 35.0 52.6#

