

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004930.D
 Acq On : 03 Jun 2021 12:44
 Operator : SY/MD
 Sample : M2581-01
 Misc : 6.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:14:33 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)

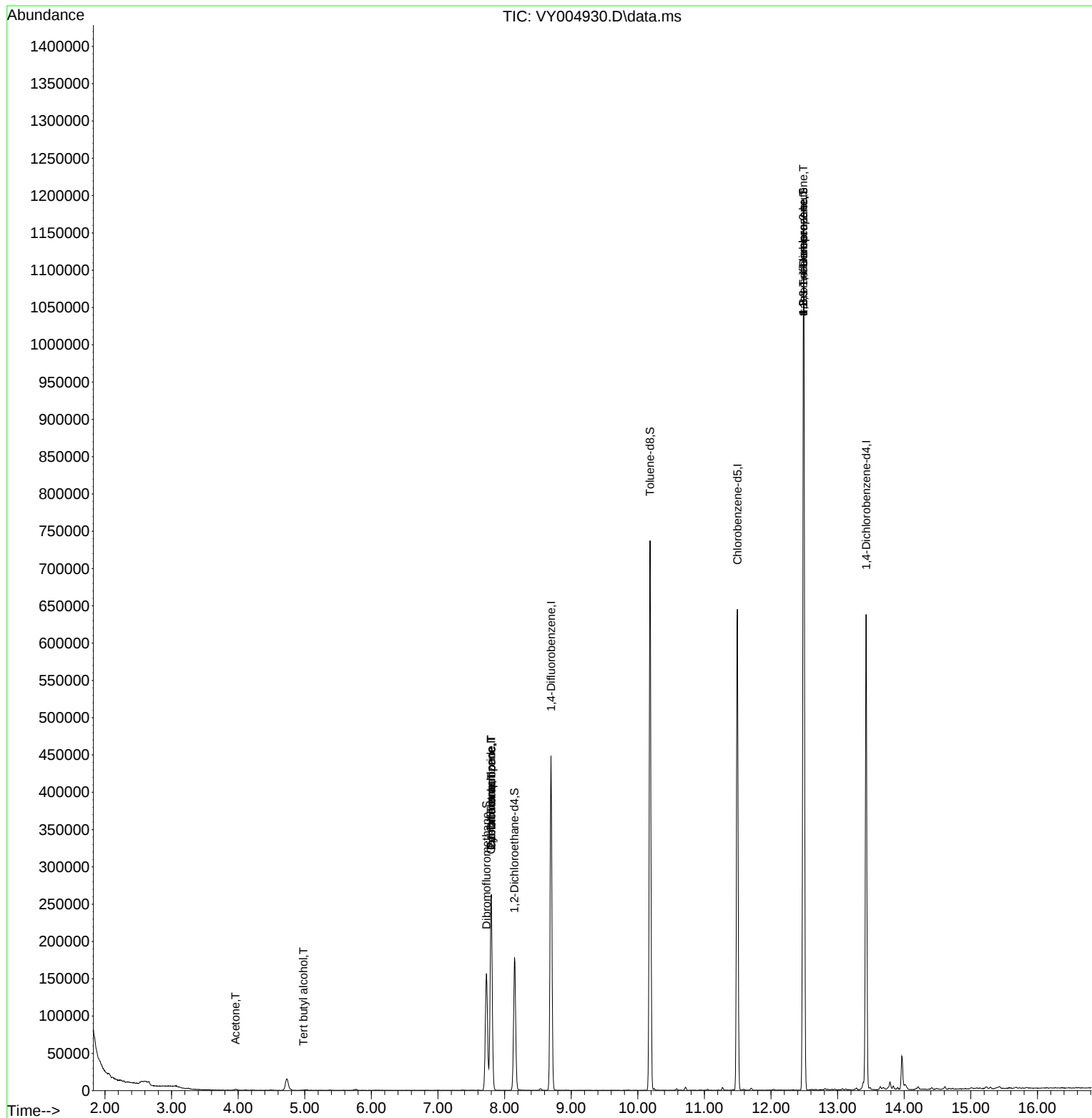
Internal Standards						
1) Pentafluorobenzene	7.801	168	193934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	361133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	339626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	134968	65.83	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.66%			
35) Dibromofluoromethane	7.728	113	111283	57.28	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.56%			
50) Toluene-d8	10.185	98	466329	57.79	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.58%			
62) 4-Bromofluorobenzene	12.483	95	156354	56.34	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.68%			
Target Compounds						
11) Tert butyl alcohol	4.978	59	807	3.42	ug/l #	74
16) Acetone	3.960	43	2607	5.28	ug/l #	82
20) Methylene Chloride	4.728	84	11418	Below Cal		91
31) Cyclohexane	7.801	56	4590	1.27	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	15988	4.52	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19201	6.24	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	90734	54.08	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	90734	99.39	ug/l #	16

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

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Instrument :
MSVOA_Y
ClientSampleId :

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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

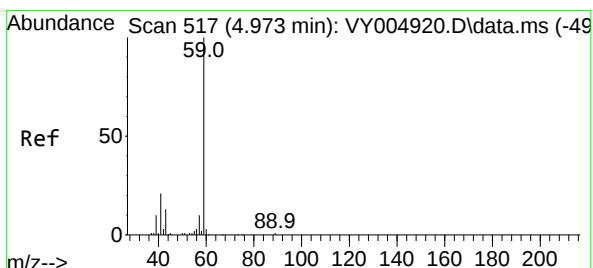
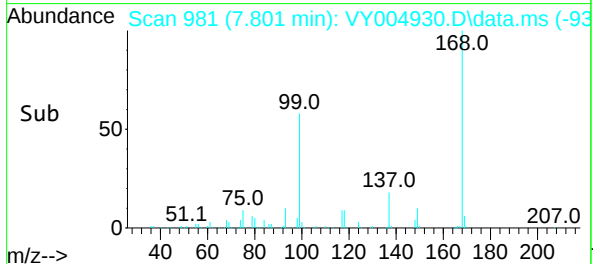
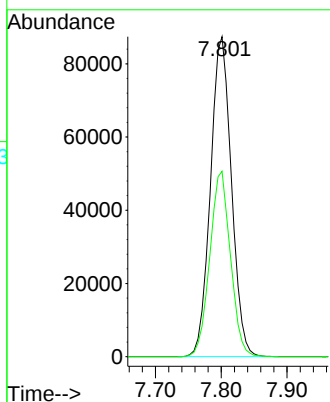
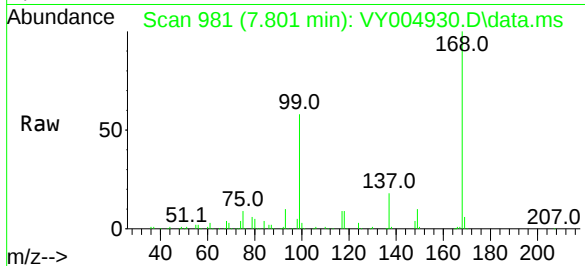




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

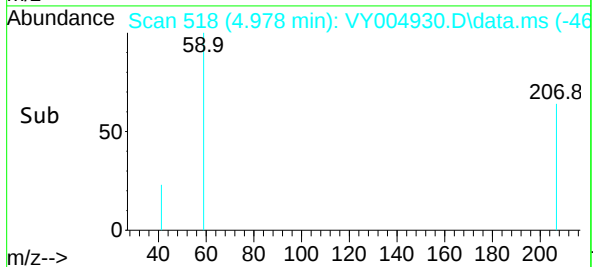
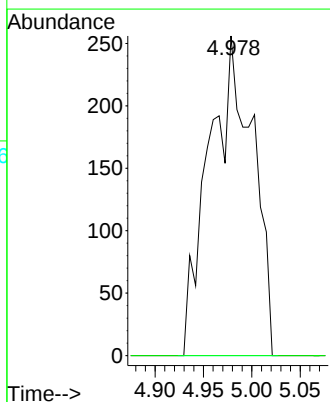
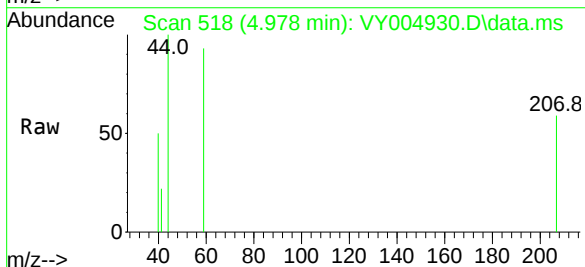
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:168 Resp: 193934
Ion Ratio Lower Upper
168 100
99 58.0 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.42 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.005 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

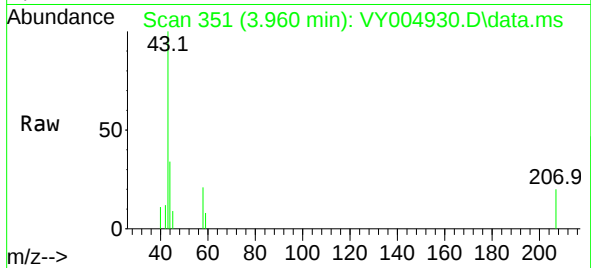
Tgt Ion: 59 Resp: 807
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



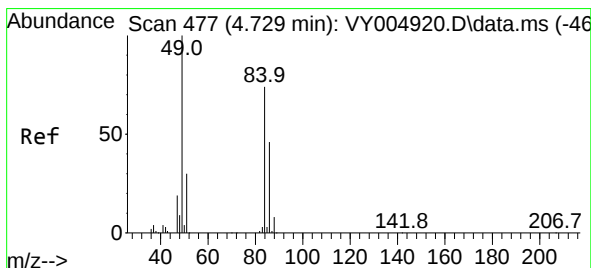
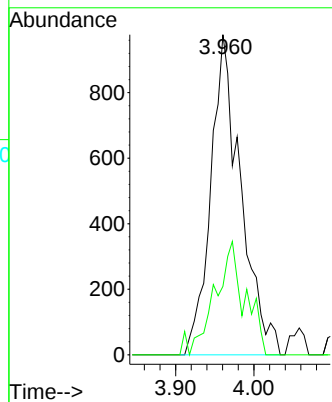
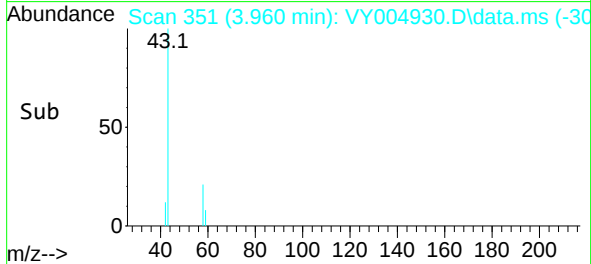


#16
Acetone
Concen: 5.28 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

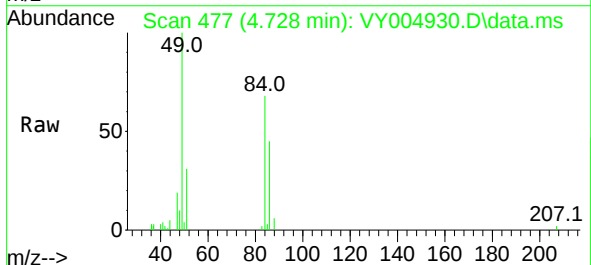
Instrument :
MSVOA_Y
ClientSampled :



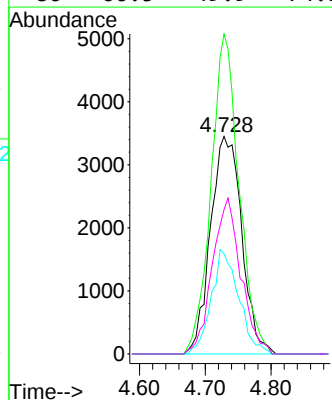
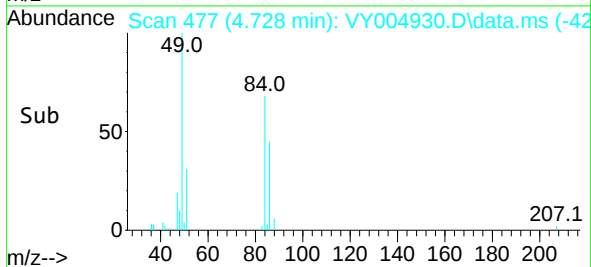
Tgt Ion: 43 Resp: 2607
Ion Ratio Lower Upper
43 100
58 21.4 25.3 37.9#

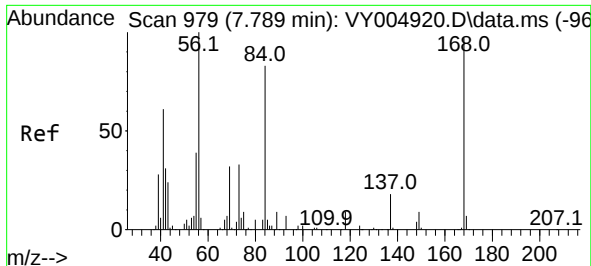


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44



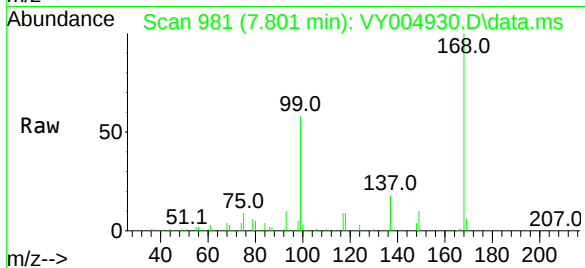
Tgt Ion: 84 Resp: 11418
Ion Ratio Lower Upper
84 100
49 147.2 108.0 162.0
51 46.0 32.6 48.8
86 66.5 49.9 74.9



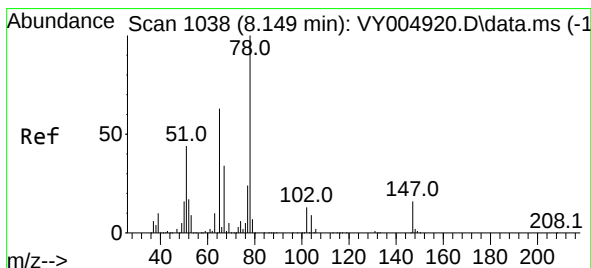
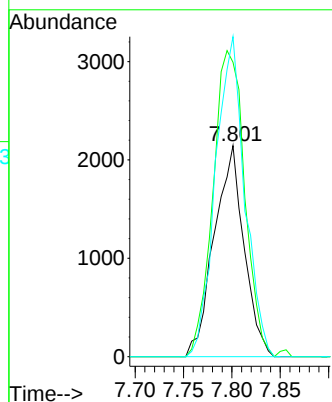
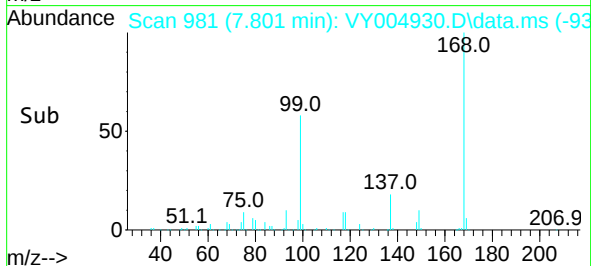


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

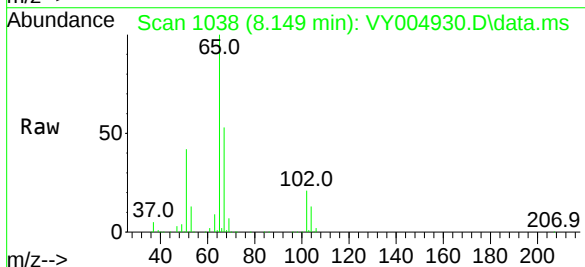
Instrument :
MSVOA_Y
ClientSampleId :



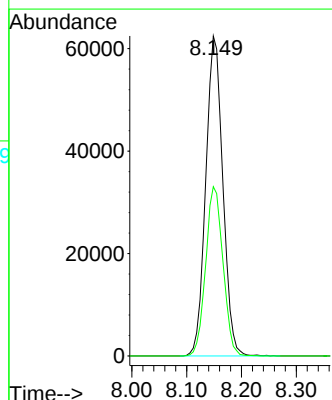
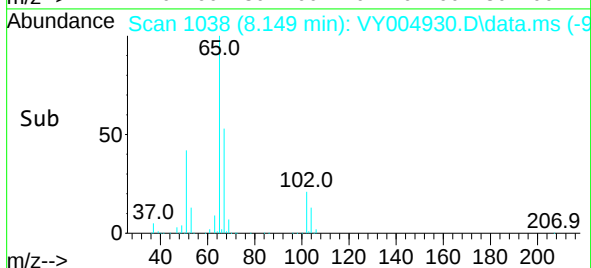
Tgt Ion: 56 Resp: 4590
Ion Ratio Lower Upper
56 100
69 139.5 25.3 37.9#
84 151.6 66.2 99.4#

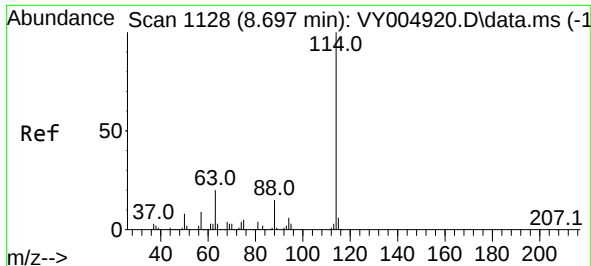


#33
1,2-Dichloroethane-d4
Concen: 65.83 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44



Tgt Ion: 65 Resp: 134968
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6

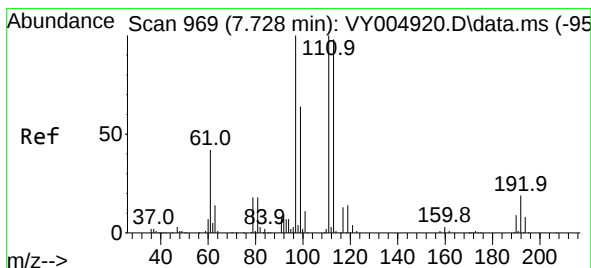
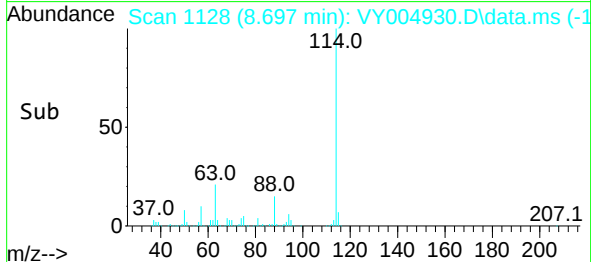
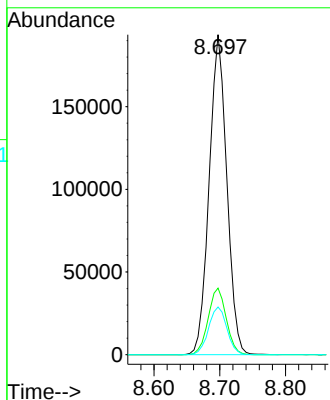
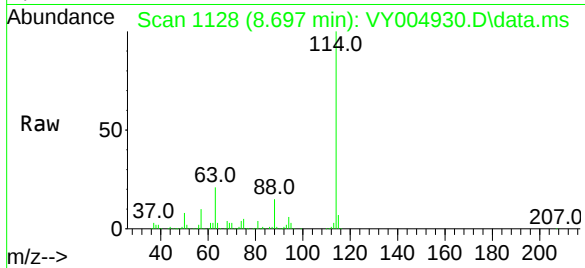




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

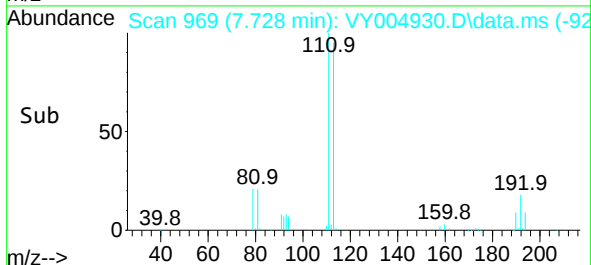
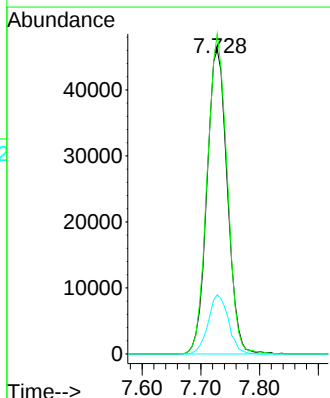
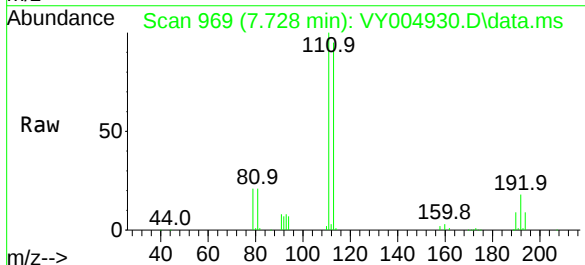
Instrument :
MSVOA_Y
ClientSampleId :

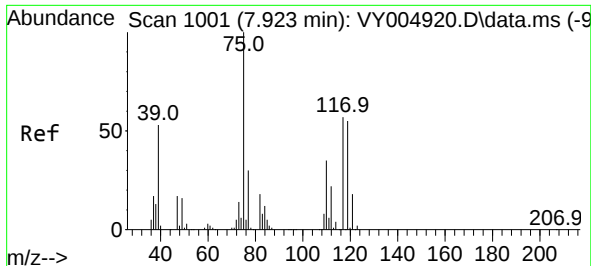
Tgt Ion:	114	Resp:	361133
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.0
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 57.28 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

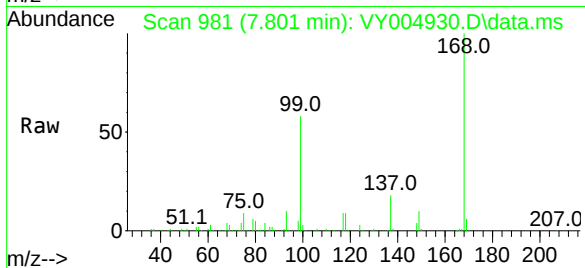
Tgt Ion:	113	Resp:	111283
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	19.3	15.3	22.9



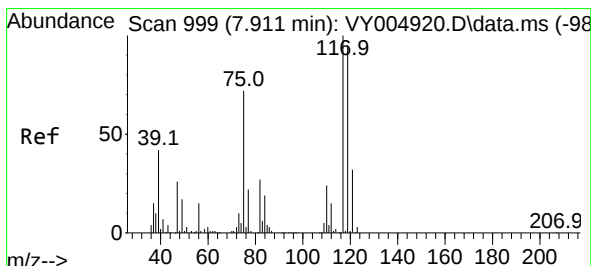
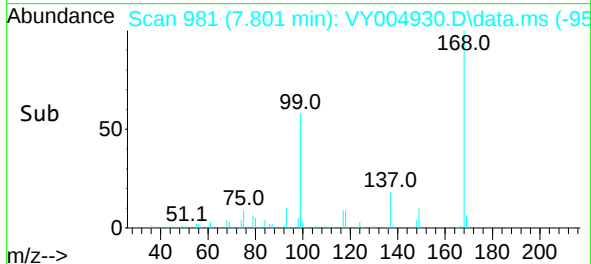
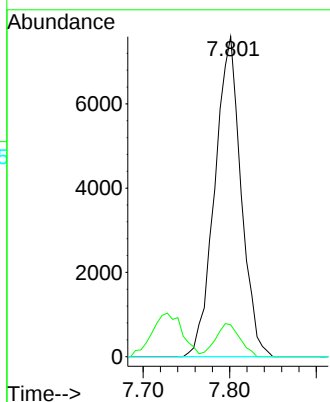


#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

Instrument :
MSVOA_Y
ClientSampled :

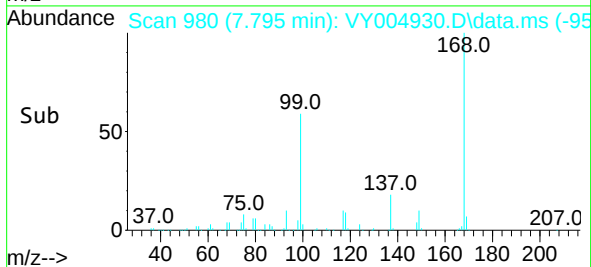
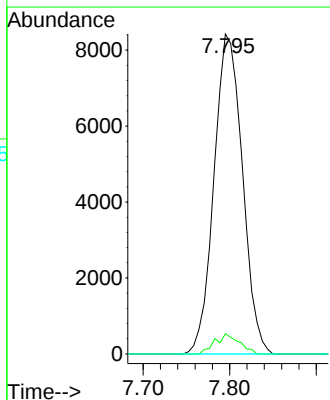
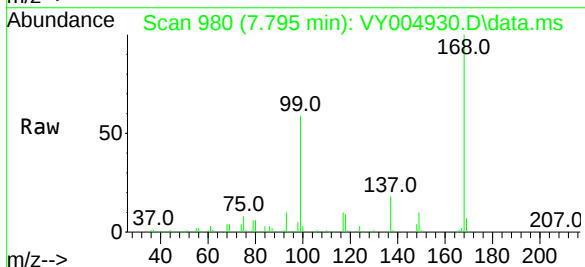


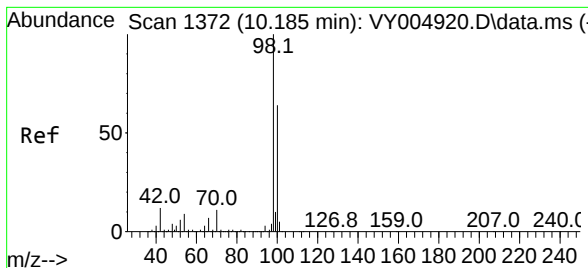
Tgt Ion: 75 Resp: 15988
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

Tgt Ion: 117 Resp: 19201
Ion Ratio Lower Upper
117 100
119 6.3 76.1 114.1#
121 0.0 25.5 38.3#

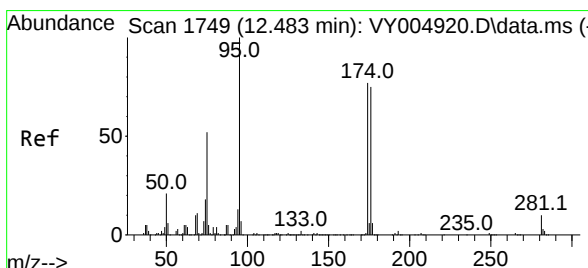
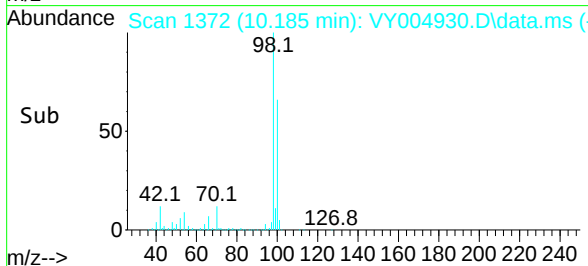
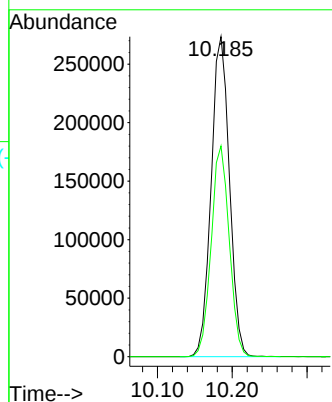
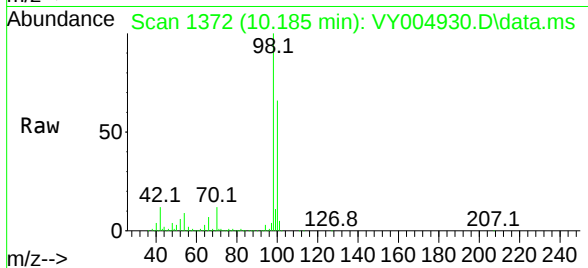




#50
Toluene-d8
Concen: 57.79 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

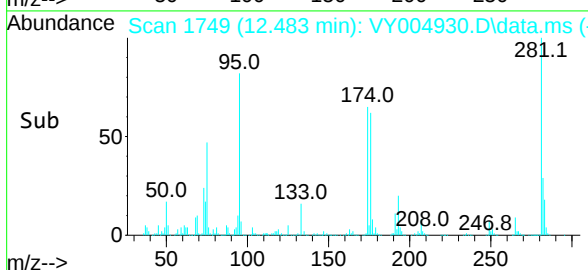
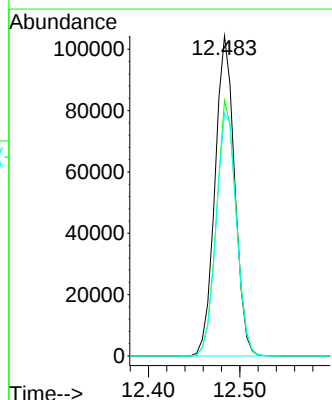
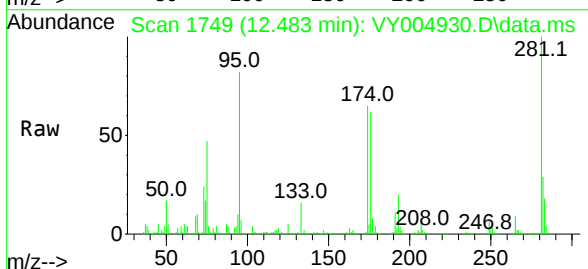
Instrument :
MSVOA_Y
ClientSampled :

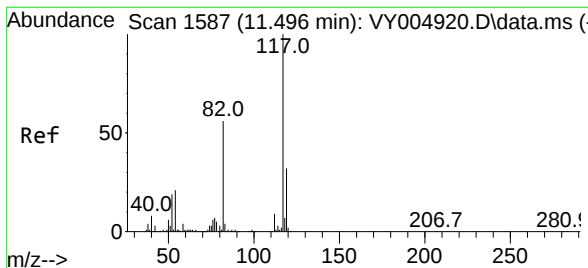
Tgt Ion: 98 Resp: 466329
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

Tgt Ion: 95 Resp: 156354
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.8
176 78.5 0.0 155.6

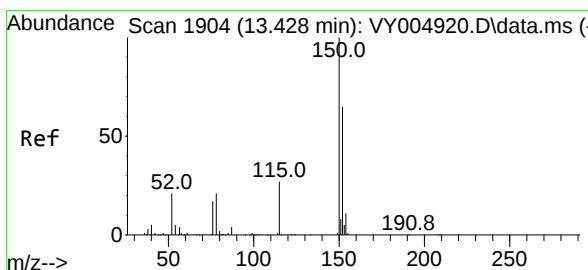
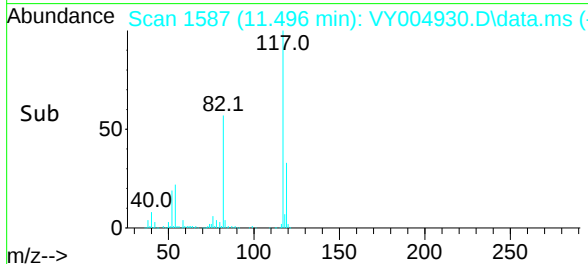
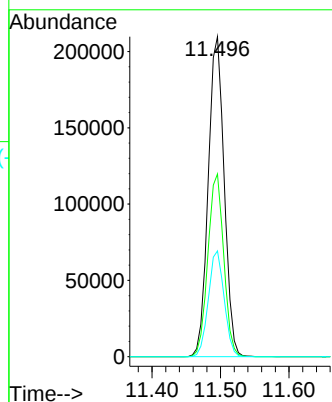
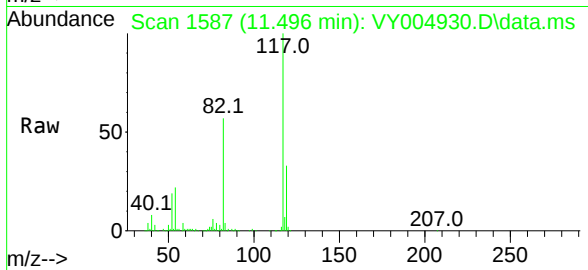




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

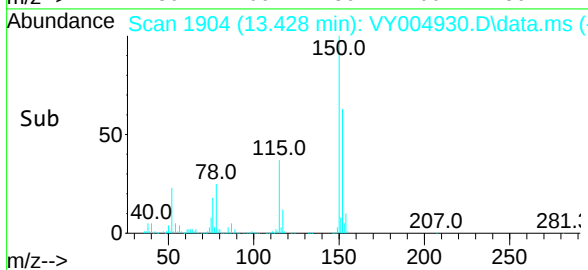
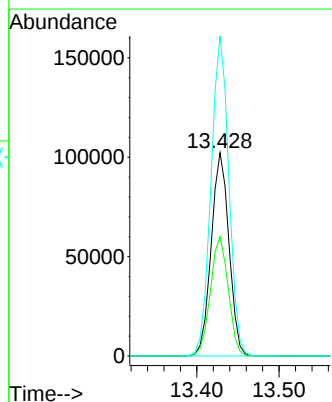
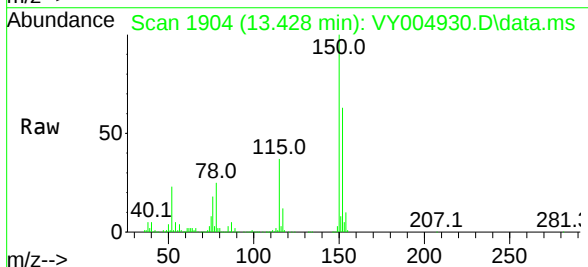
Instrument :
MSVOA_Y
ClientSampled :

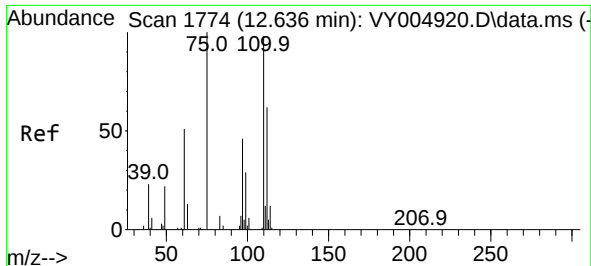
Tgt Ion:117 Resp: 339626
Ion Ratio Lower Upper
117 100
82 57.1 44.8 67.2
119 33.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

Tgt Ion:152 Resp: 153051
Ion Ratio Lower Upper
152 100
115 59.1 29.9 89.7
150 158.0 0.0 347.8

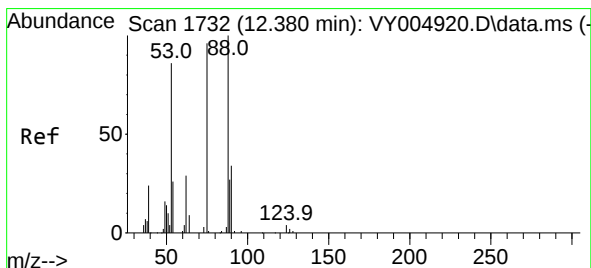
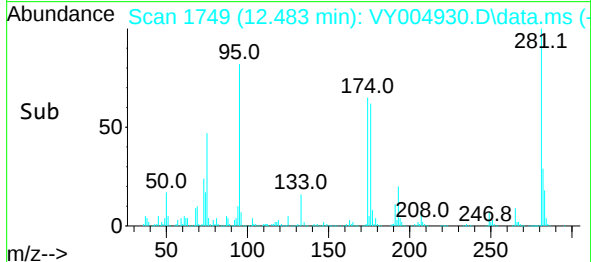
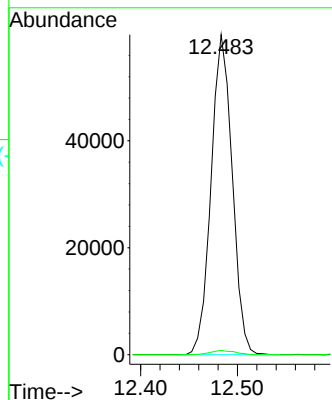
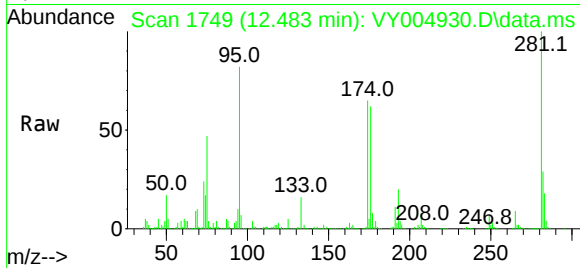




#76
1,2,3-Trichloropropane
Concen: 54.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 90734
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004930.D
Acq: 03 Jun 2021 12:44

Tgt Ion: 75 Resp: 90734
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 3.1 35.0 52.6#

