

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004832.D
 Acq On : 18 May 2021 17:24
 Operator : SY/MD
 Sample : M2435-13
 Misc : 7.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:05:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

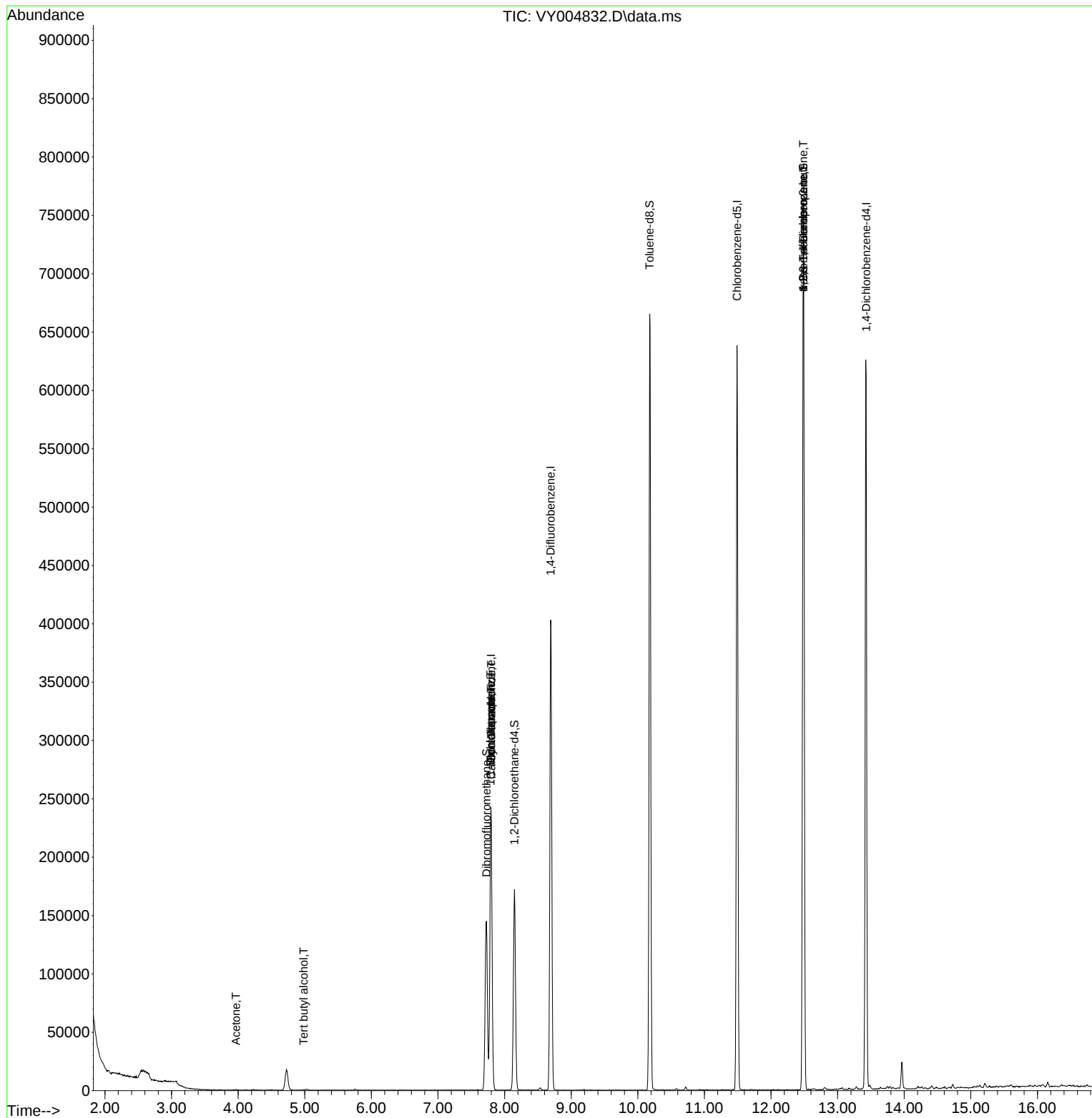
Internal Standards						
1) Pentafluorobenzene	7.795	168	180398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	131795	61.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.76%			
35) Dibromofluoromethane	7.728	113	102424	56.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.68%			
50) Toluene-d8	10.179	98	417669	51.31	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.62%			
62) 4-Bromofluorobenzene	12.483	95	150644	54.84	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.68%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.984	59	245	1.14	ug/l #	71
16) Acetone	3.966	43	971	2.01	ug/l #	84
20) Methylene Chloride	4.722	84	12263	Below Cal		96
31) Cyclohexane	7.795	56	4480	1.29	ug/l #	3
36) 1,1-Dichloropropene	7.789	75	15250	4.52	ug/l #	51
38) Carbon Tetrachloride	7.801	117	18643	6.15	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	86589	53.94	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86589	93.53	ug/l #	13

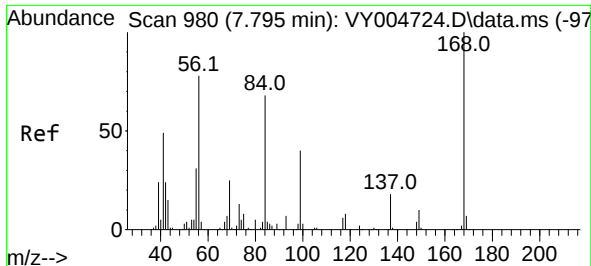
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 19 01:05:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
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Response via : Initial Calibration

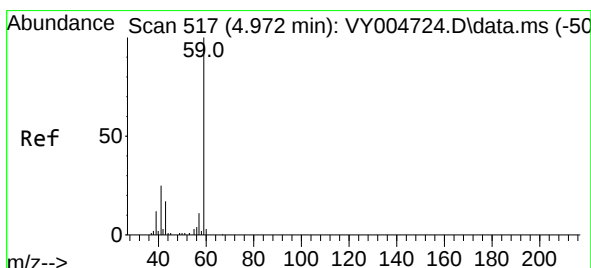
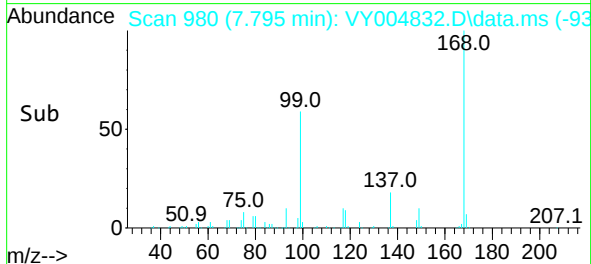
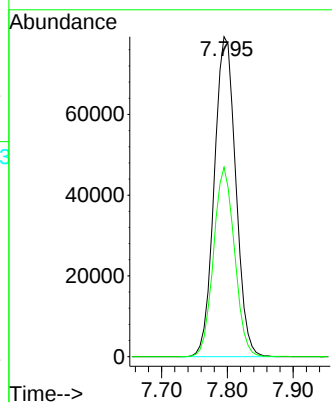
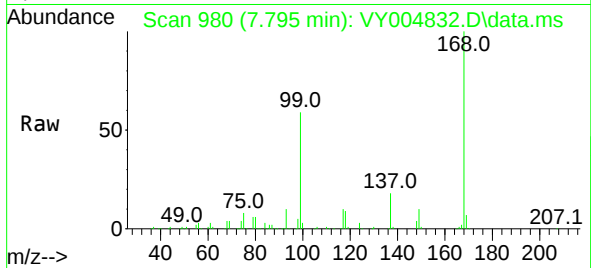




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

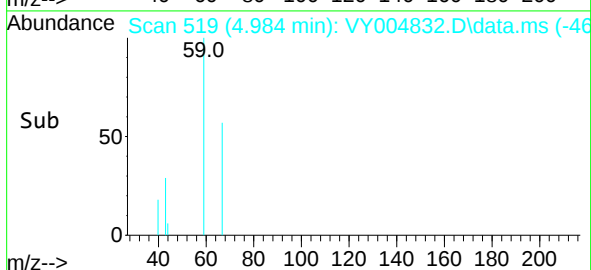
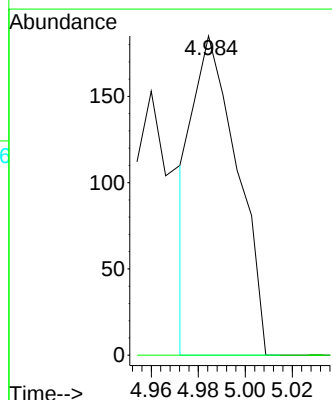
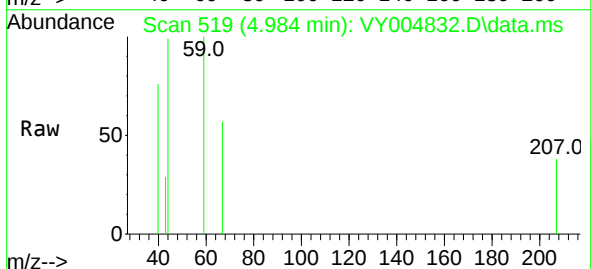
Instrument :
MSVOA_Y
ClientSampled :

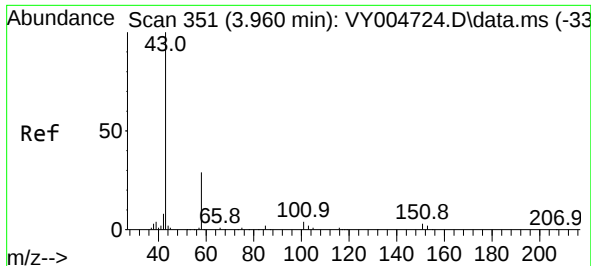
Tgt Ion:168 Resp: 180398
Ion Ratio Lower Upper
168 100
99 59.2 45.6 68.4



#11
Tert butyl alcohol
Concen: 1.14 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

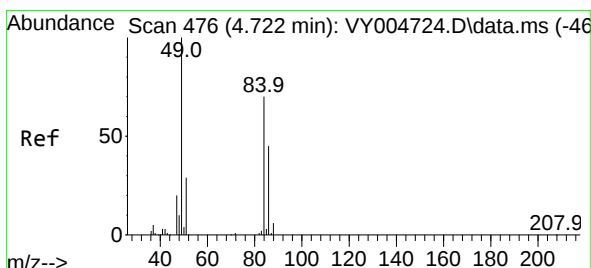
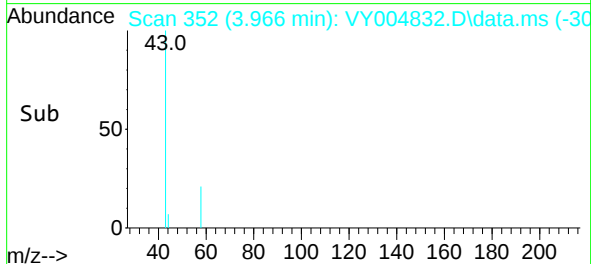
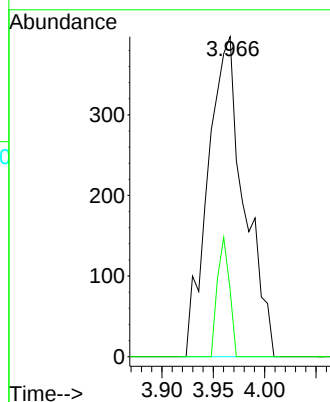
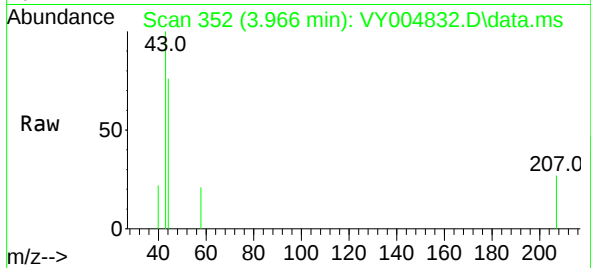




#16
Acetone
Concen: 2.01 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

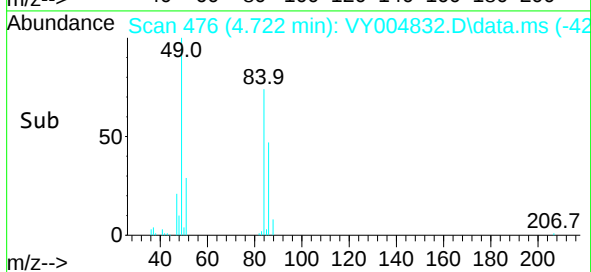
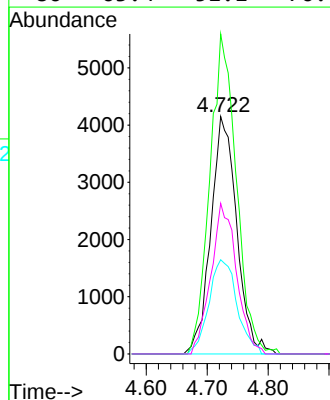
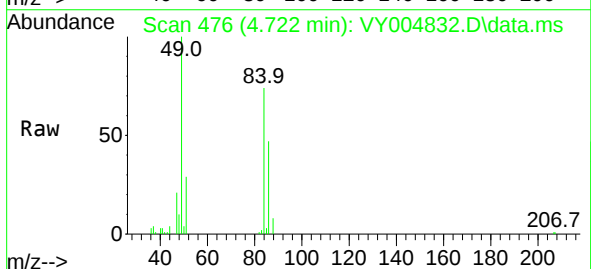
Instrument :
MSVOA_Y
ClientSampled :

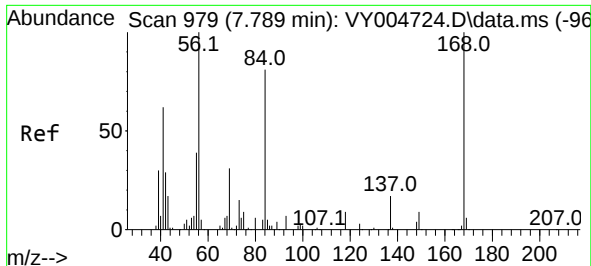
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 20.9 23.6 35.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

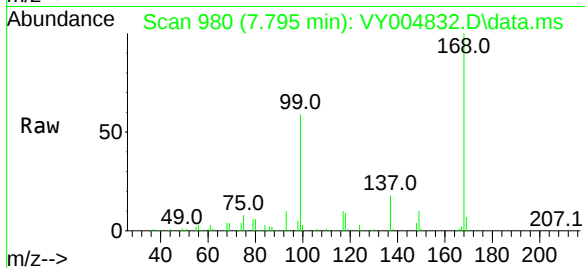
Tgt Ion: 84 Resp: 12263
Ion Ratio Lower Upper
84 100
49 134.8 113.8 170.8
51 39.7 33.5 50.3
86 63.4 51.1 76.7



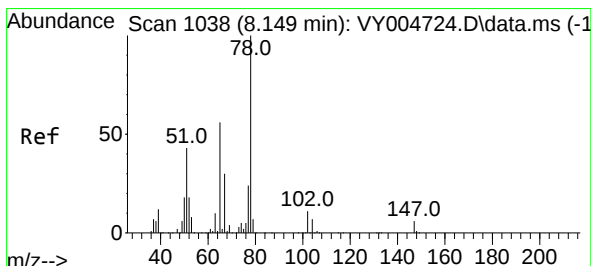
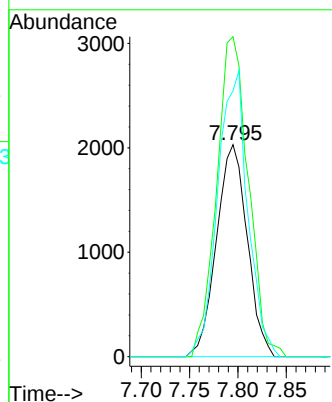
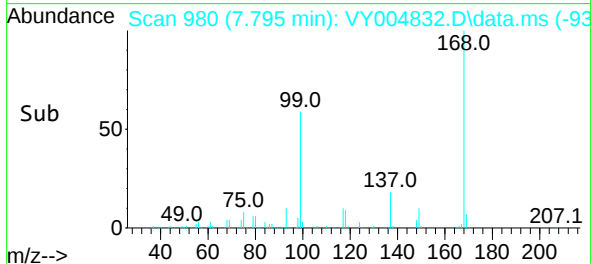


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

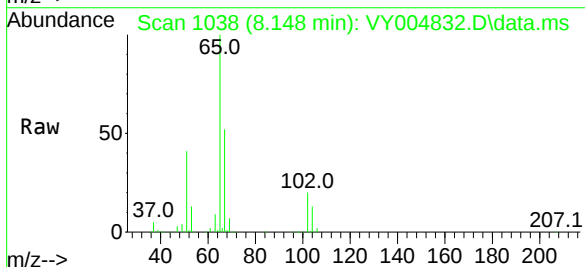
Instrument :
MSVOA_Y
ClientSampled :



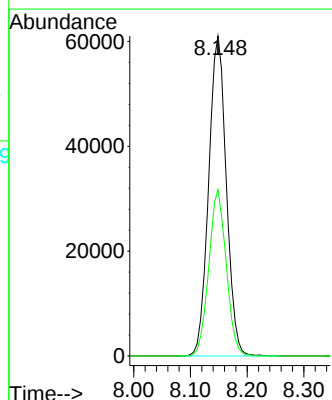
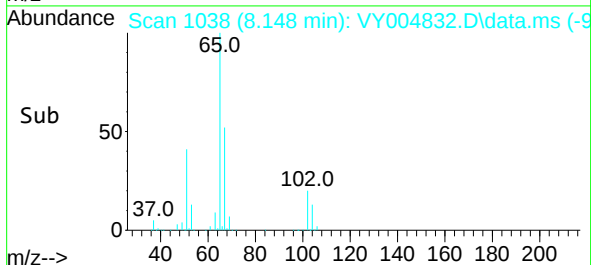
Tgt Ion: 56 Resp: 4480
Ion Ratio Lower Upper
56 100
69 150.9 24.4 36.6#
84 125.3 64.8 97.2#

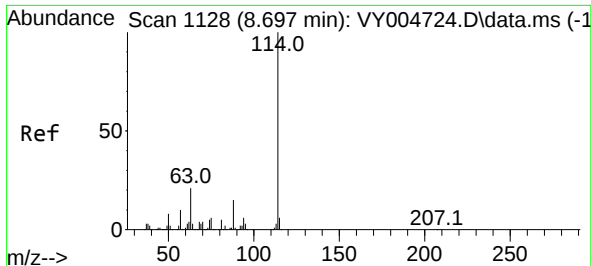


#33
1,2-Dichloroethane-d4
Concen: 61.38 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24



Tgt Ion: 65 Resp: 131795
Ion Ratio Lower Upper
65 100
67 51.3 0.0 108.0

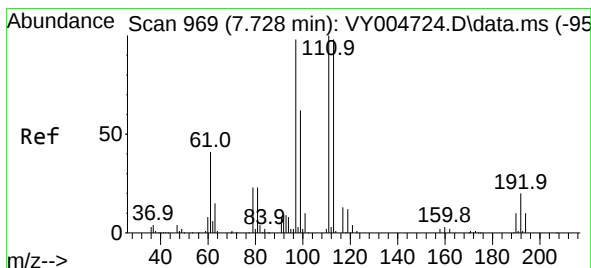
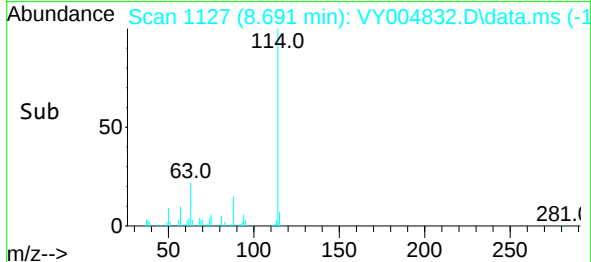
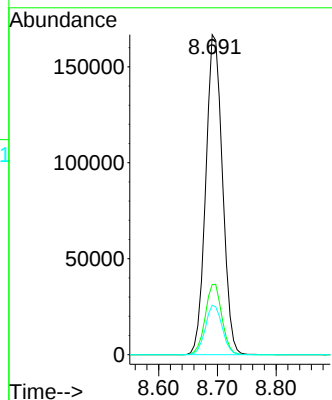
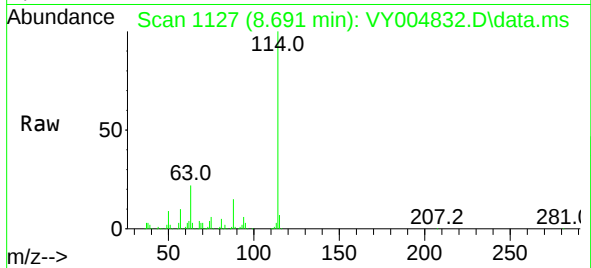




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

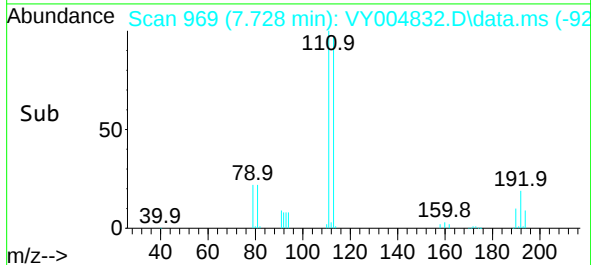
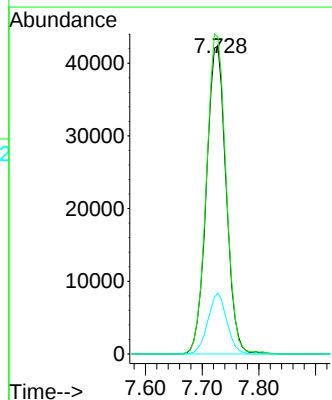
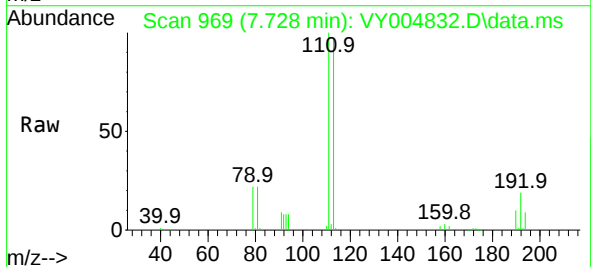
Instrument :
MSVOA_Y
ClientSampleId :

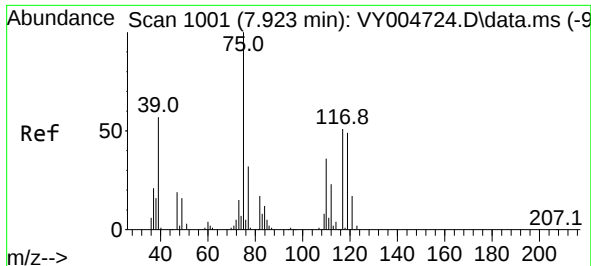
Tgt Ion:114 Resp: 329132
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.8
88 15.5 0.0 31.0



#35
Dibromofluoromethane
Concen: 56.84 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

Tgt Ion:113 Resp: 102424
Ion Ratio Lower Upper
113 100
111 103.6 80.5 120.7
192 19.0 15.0 22.6

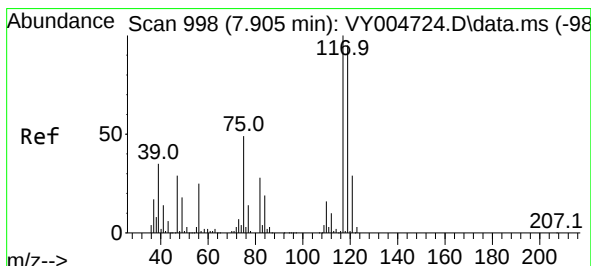
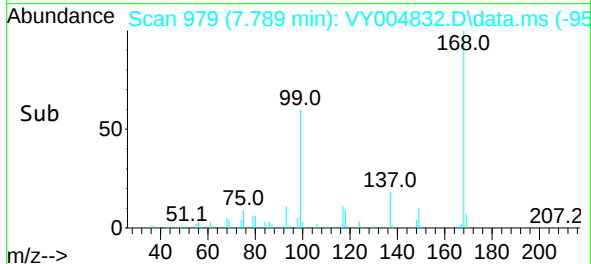
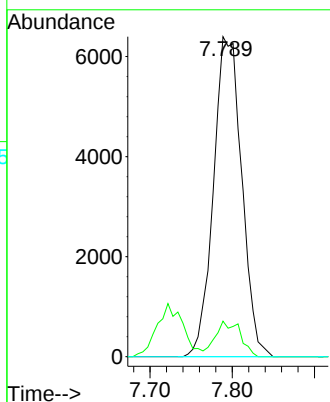
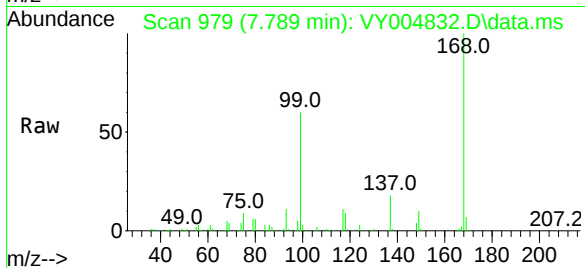




#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

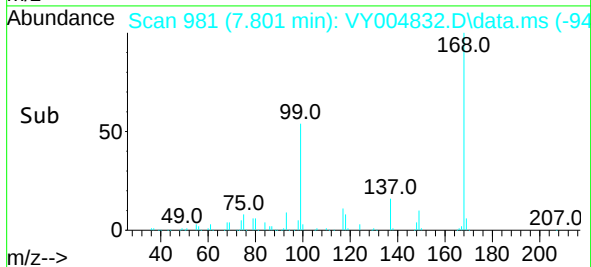
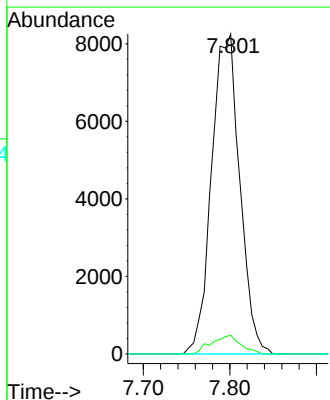
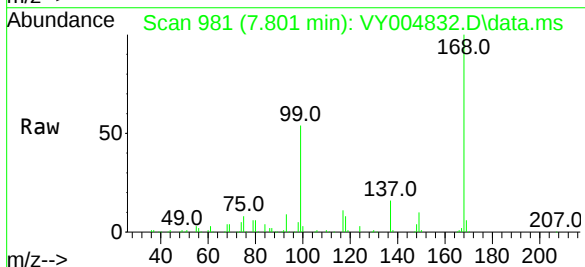
Instrument :
MSVOA_Y
ClientSampleId :

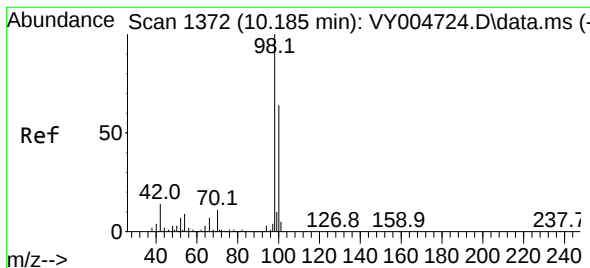
Tgt Ion: 75 Resp: 15250
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

Tgt Ion: 117 Resp: 18643
Ion Ratio Lower Upper
117 100
119 5.9 76.3 114.5#
121 0.0 23.0 34.6#

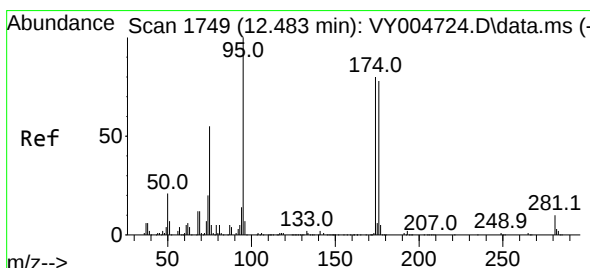
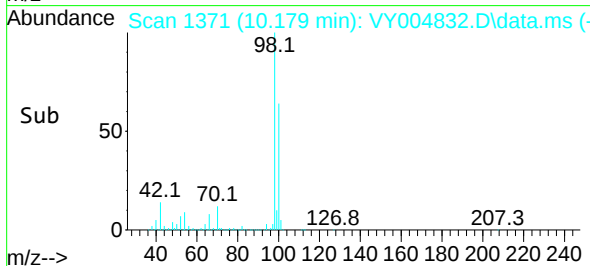
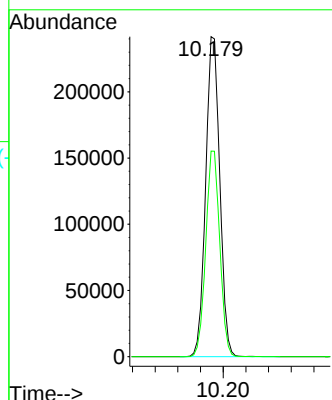
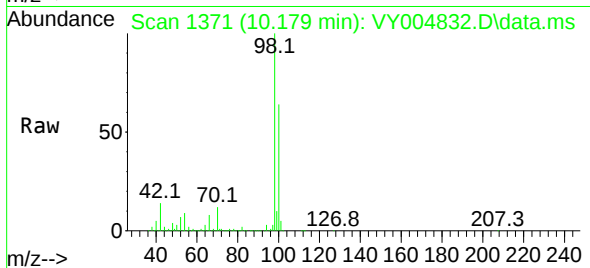




#50
Toluene-d8
Concen: 51.31 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

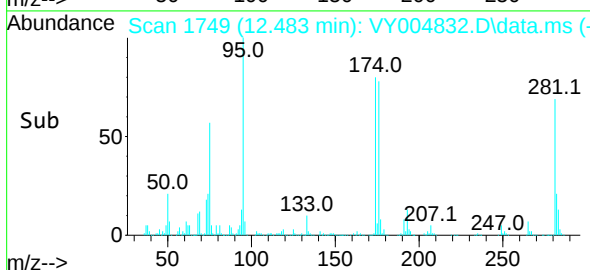
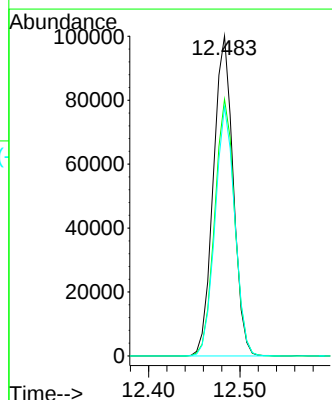
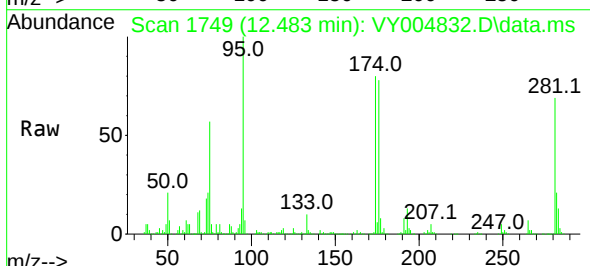
Instrument :
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ClientSampled :

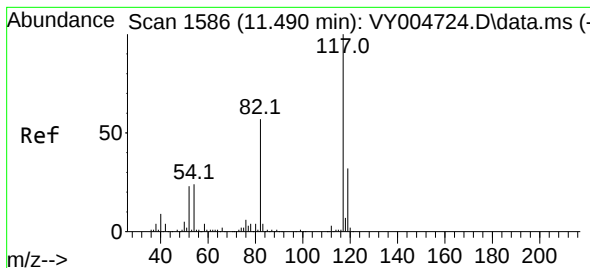
Tgt Ion: 98 Resp: 417669
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 54.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

Tgt Ion: 95 Resp: 150644
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.2
176 77.4 0.0 159.0

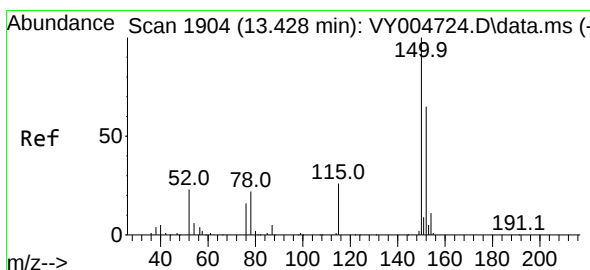
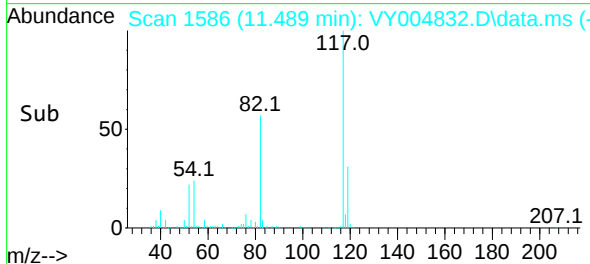
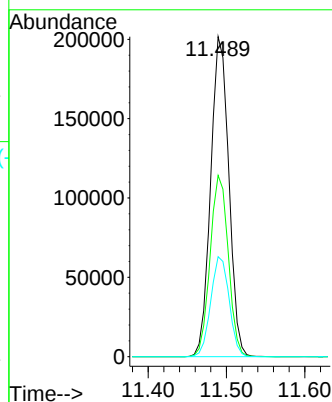
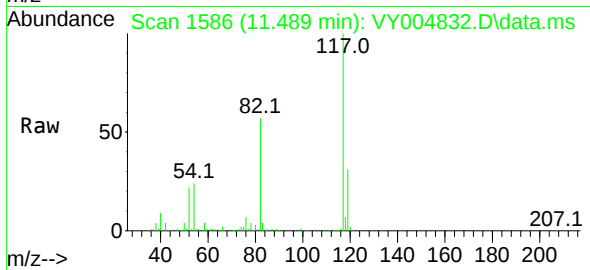




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

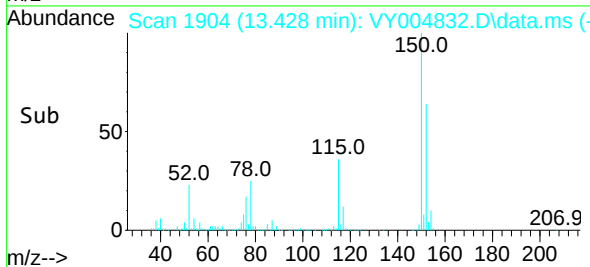
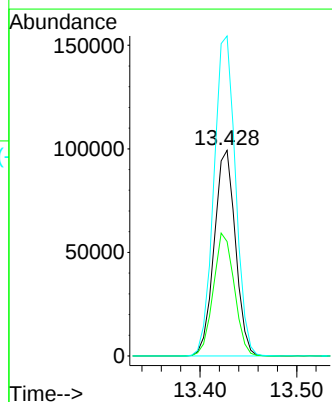
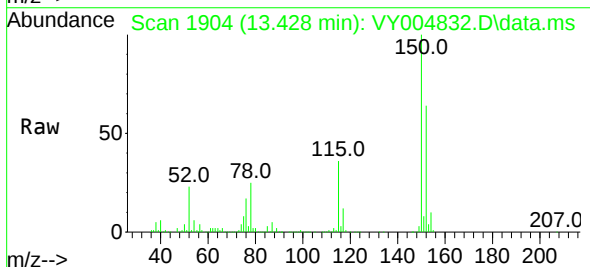
Instrument :
MSVOA_Y
ClientSampleId :

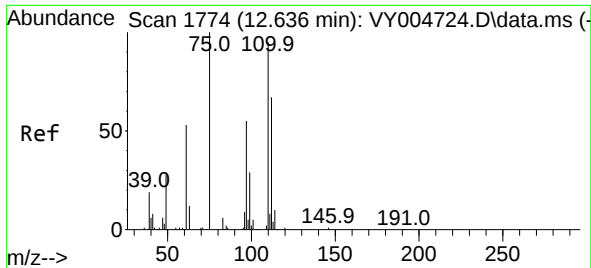
Tgt Ion:117 Resp: 324003
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

Tgt Ion:152 Resp: 151136
Ion Ratio Lower Upper
152 100
115 59.1 29.4 88.3
150 158.5 0.0 349.8

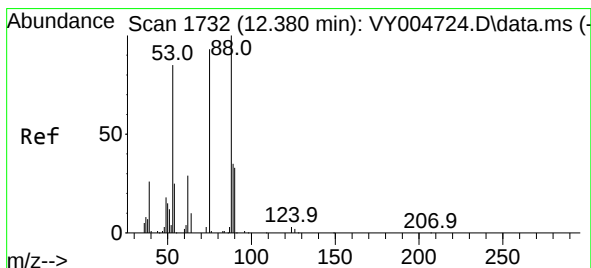
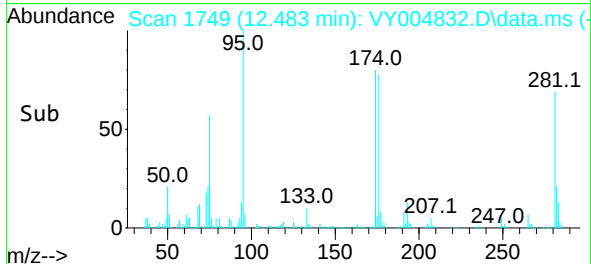
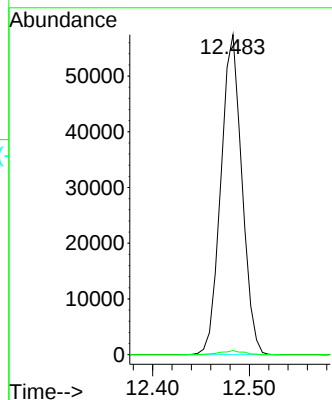
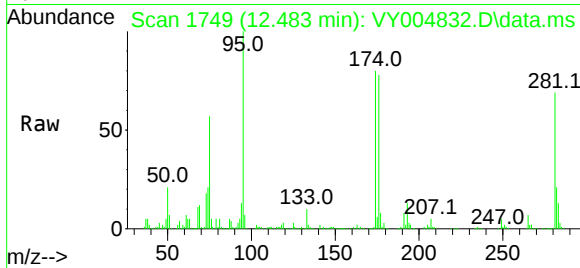




#76
1,2,3-Trichloropropane
Concen: 53.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 86589
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.53 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004832.D
Acq: 18 May 2021 17:24

Tgt Ion: 75 Resp: 86589
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 1.5 35.5 53.3#

