

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004630.D
 Acq On : 26 Apr 2021 15:26
 Operator : SY/MD
 Sample : M2176-06
 Misc : 6.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:33:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

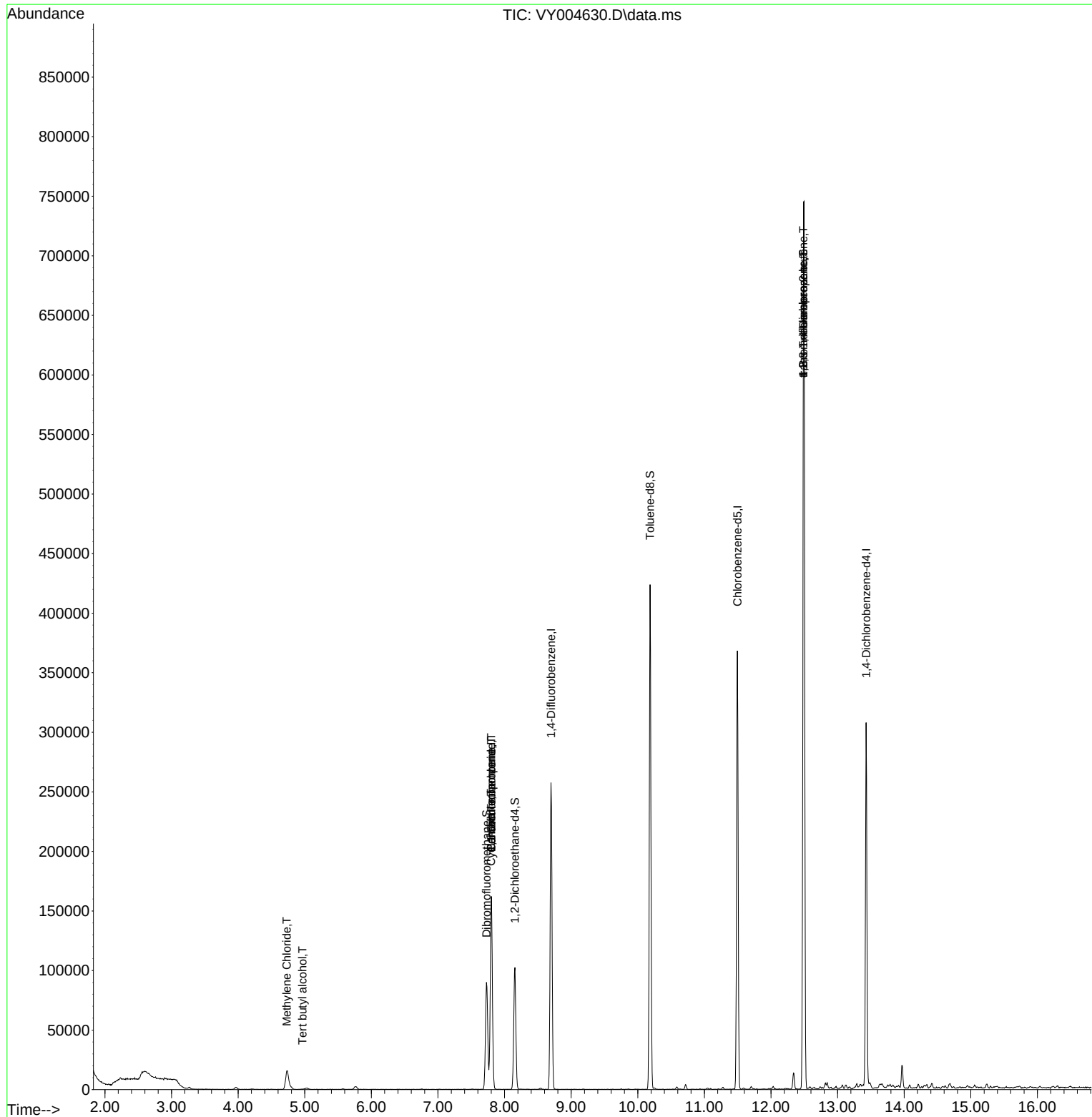
Internal Standards						
1) Pentafluorobenzene	7.801	168	118564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	189317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79098	60.04	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.08%			
35) Dibromofluoromethane	7.728	113	62182	53.62	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.24%			
50) Toluene-d8	10.185	98	256448	51.99	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.98%			
62) 4-Bromofluorobenzene	12.483	95	81410	48.64	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.28%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	424	3.27	ug/l #	73
16) Acetone	3.967	43	3111	Below Cal		93
20) Methylene Chloride	4.729	84	11287	8.87	ug/l	95
31) Cyclohexane	7.795	56	2905	1.20	ug/l #	35
36) 1,1-Dichloropropene	7.801	75	9792	4.72	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12260	6.83	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	50860	66.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50860	119.19	ug/l #	14

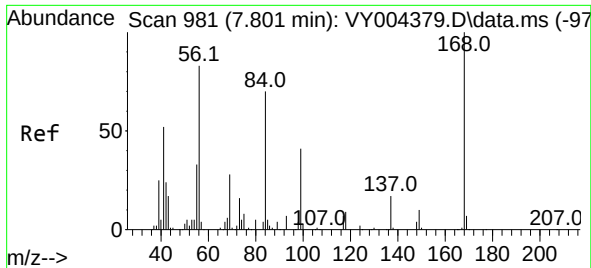
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

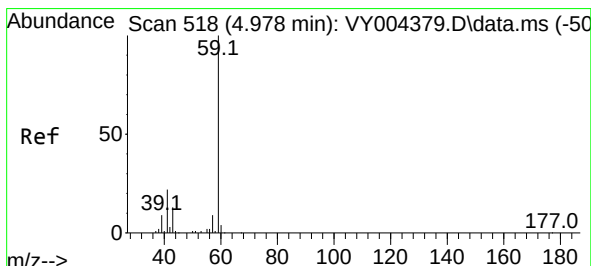
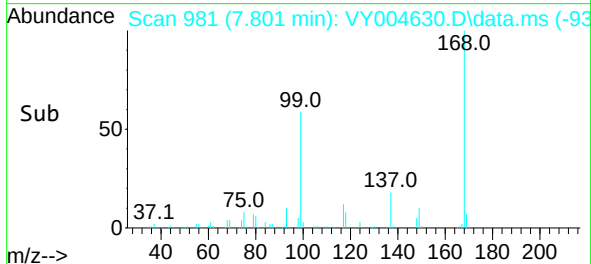
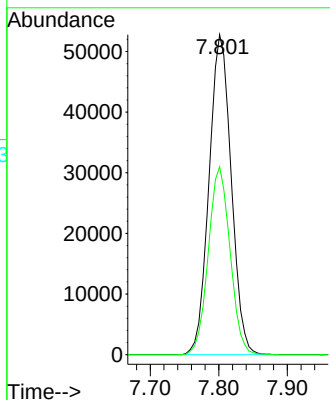
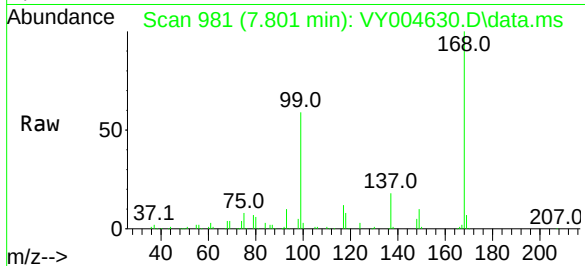




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

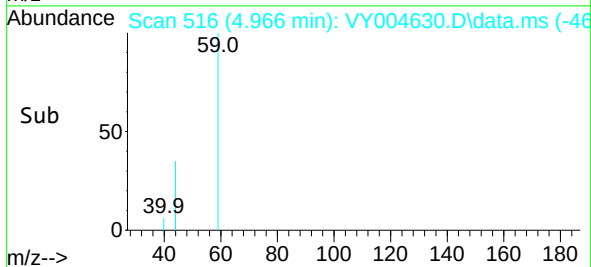
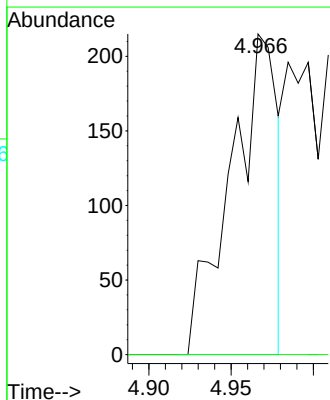
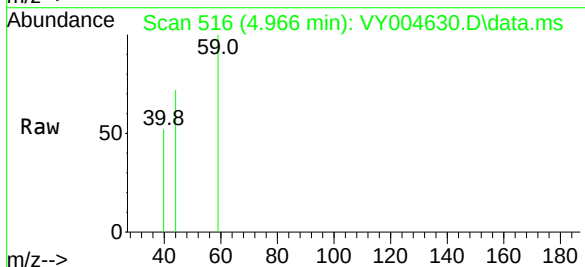
Instrument :
MSVOA_Y
ClientSampleId :

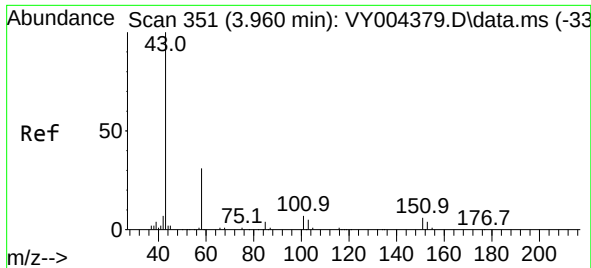
Tgt Ion:168 Resp: 118564
Ion Ratio Lower Upper
168 100
99 58.7 45.5 68.3



#11
Tert butyl alcohol
Concen: 3.27 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

Tgt Ion: 59 Resp: 424
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

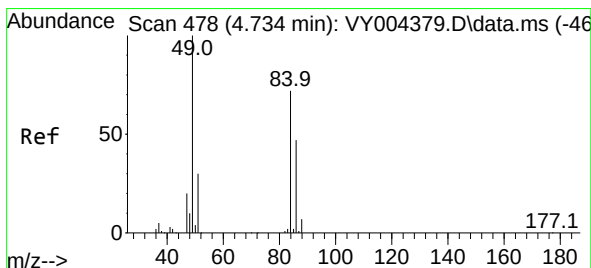
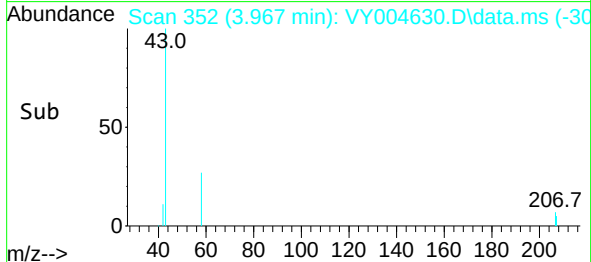
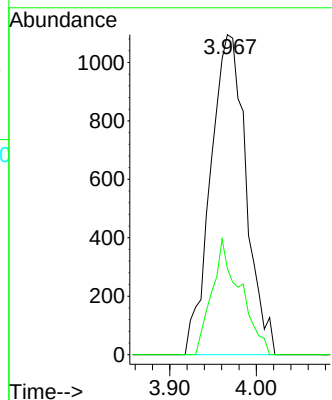
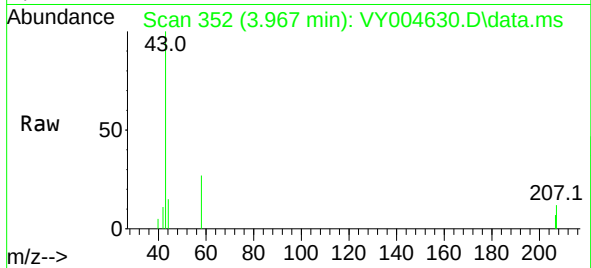




#16
Acetone
Concen: Below Cal
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

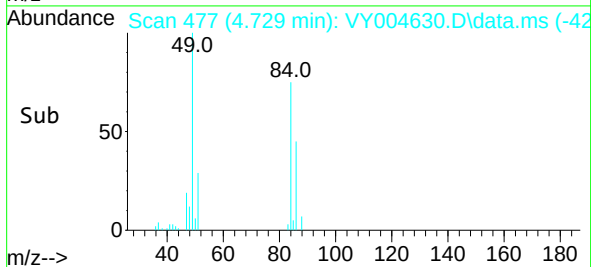
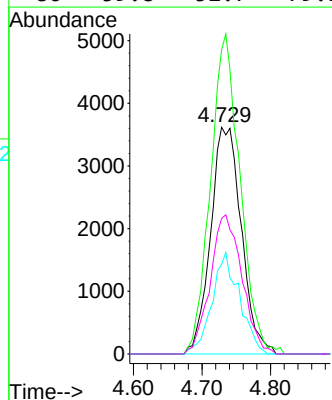
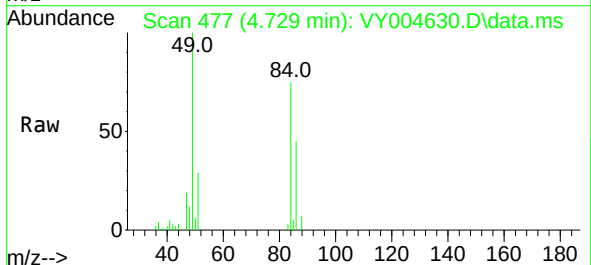
Instrument :
MSVOA_Y
ClientSampled :

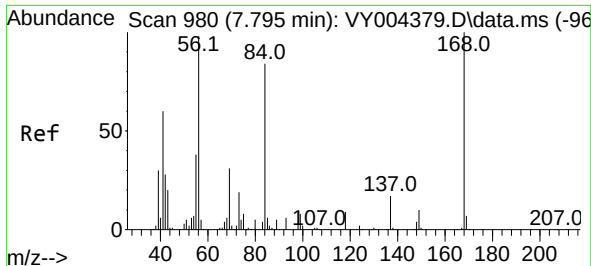
Tgt Ion: 43 Resp: 3111
Ion Ratio Lower Upper
43 100
58 26.8 24.6 37.0



#20
Methylene Chloride
Concen: 8.87 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

Tgt Ion: 84 Resp: 11287
Ion Ratio Lower Upper
84 100
49 134.2 111.2 166.8
51 39.6 33.4 50.2
86 59.8 52.7 79.1

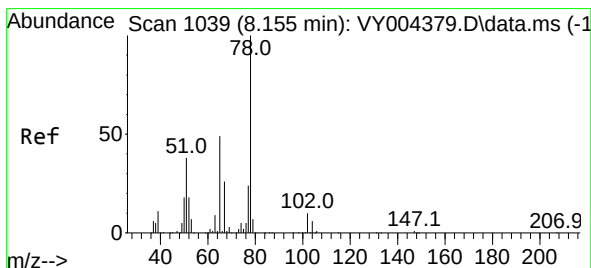
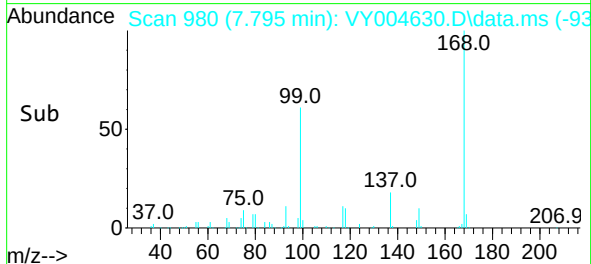
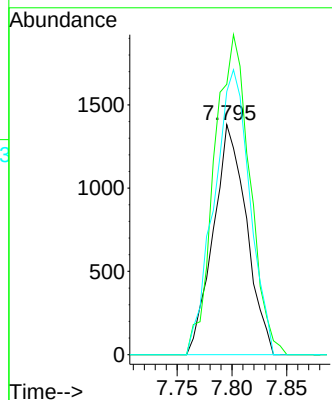
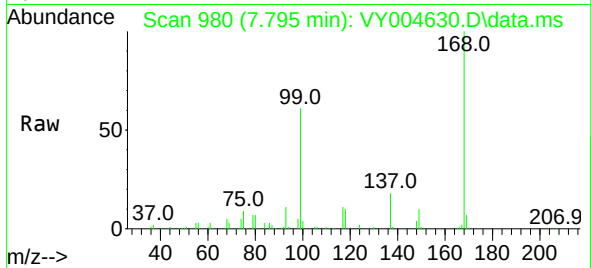




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

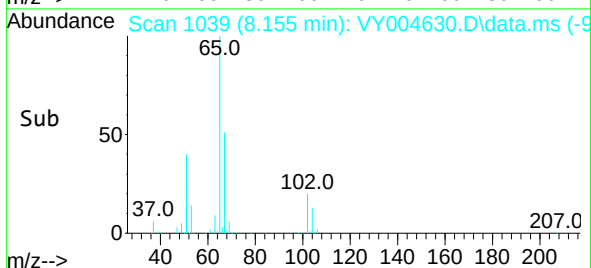
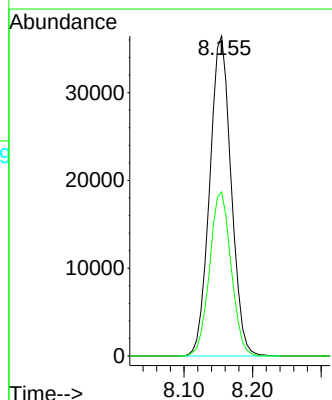
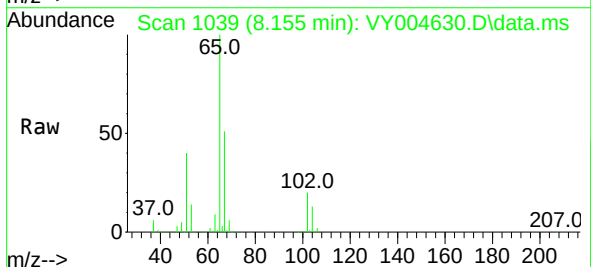
Instrument :
MSVOA_Y
ClientSampleId :

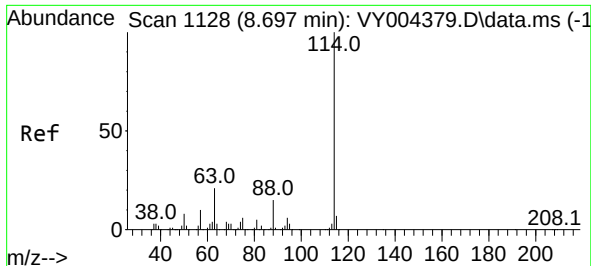
Tgt Ion: 56 Resp: 2905
Ion Ratio Lower Upper
56 100
69 117.5 25.8 38.6#
84 114.3 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 60.04 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

Tgt Ion: 65 Resp: 79098
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.4

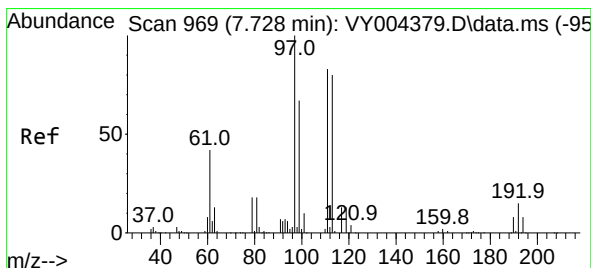
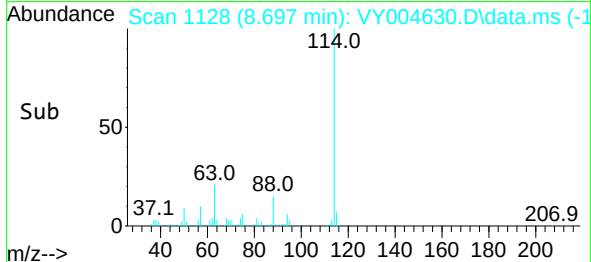
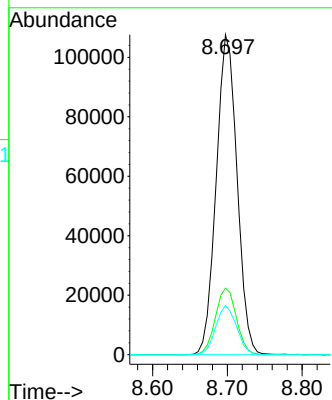
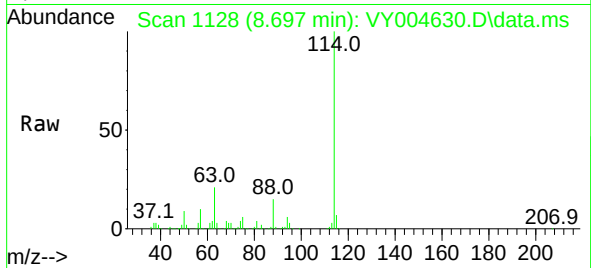




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

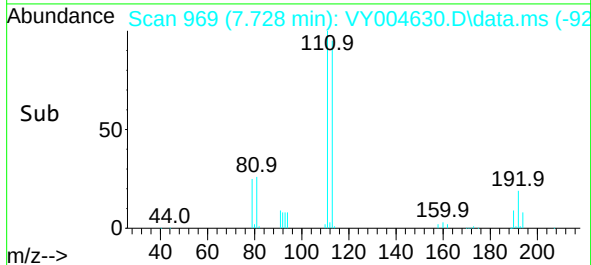
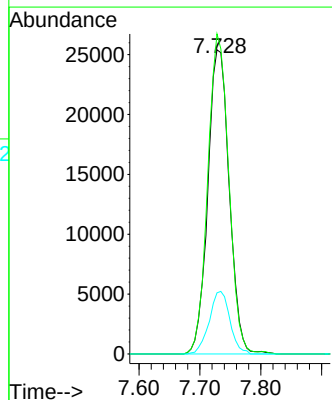
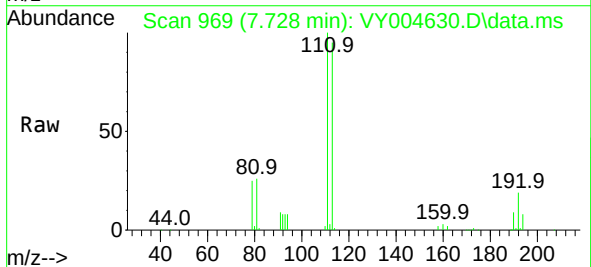
Instrument :
MSVOA_Y
ClientSampled :

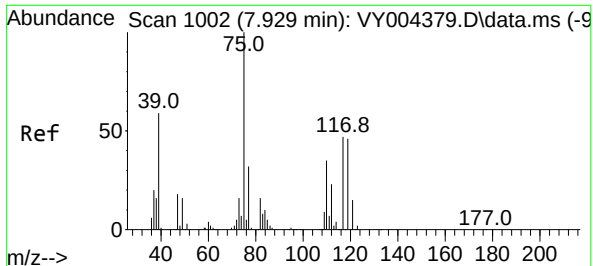
Tgt Ion:114 Resp: 208951
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.62 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

Tgt Ion:113 Resp: 62182
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 19.8 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.72 ug/l

RT: 7.801 min Scan# 981

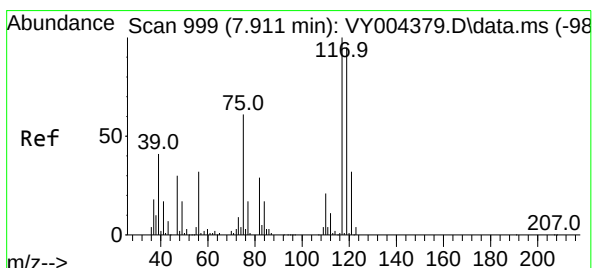
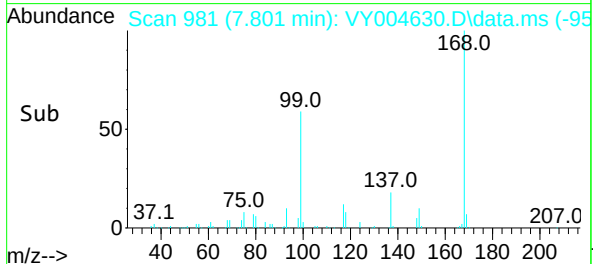
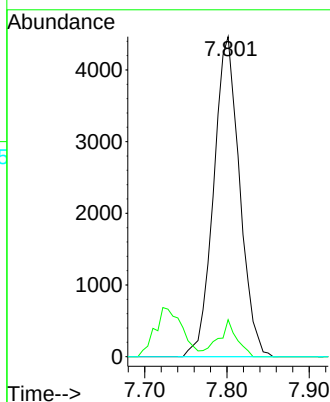
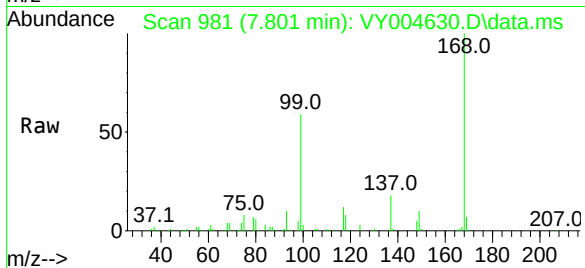
Delta R.T. -0.128 min

Lab File: VY004630.D

Acq: 26 Apr 2021 15:26

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 9792
Ion Ratio	Lower Upper
75 100	
110 8.3	17.3 51.7#
77 0.0	24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.83 ug/l

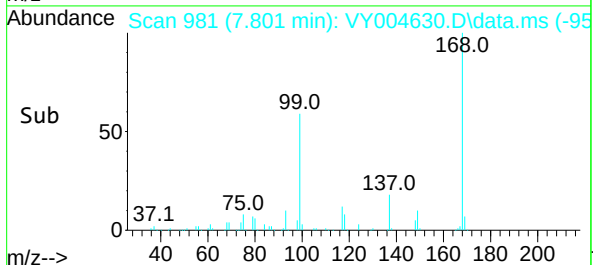
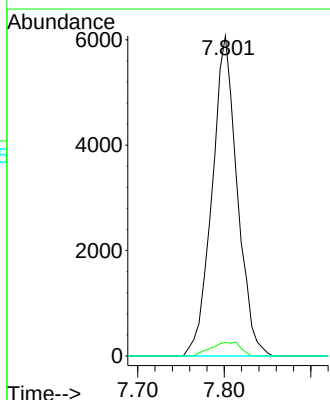
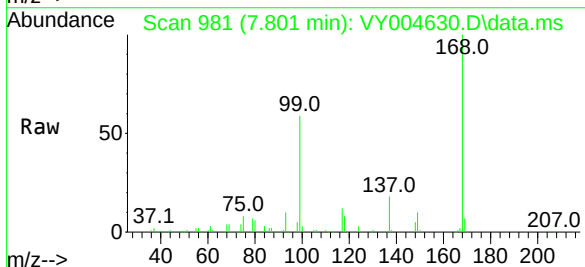
RT: 7.801 min Scan# 981

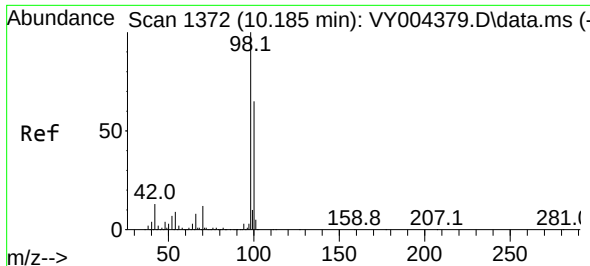
Delta R.T. -0.109 min

Lab File: VY004630.D

Acq: 26 Apr 2021 15:26

Tgt Ion: 117	Resp: 12260
Ion Ratio	Lower Upper
117 100	
119 4.2	75.8 113.8#
121 0.0	25.3 37.9#

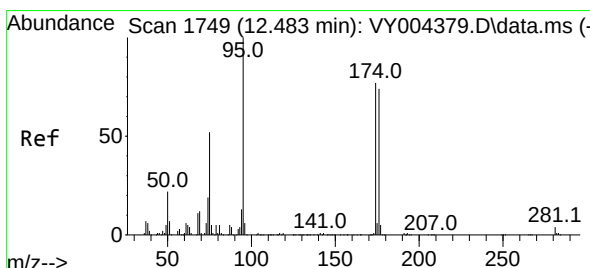
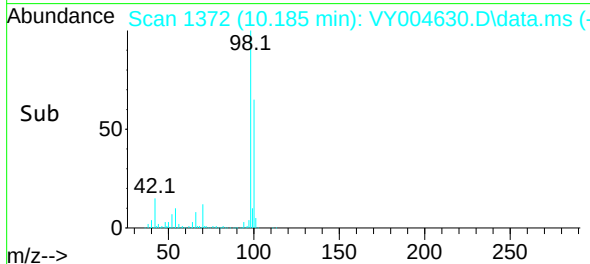
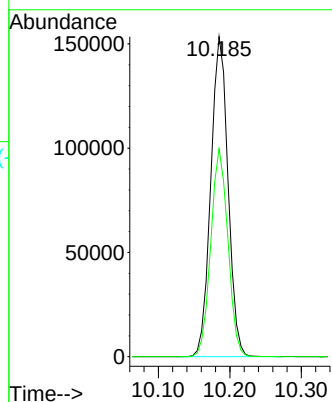
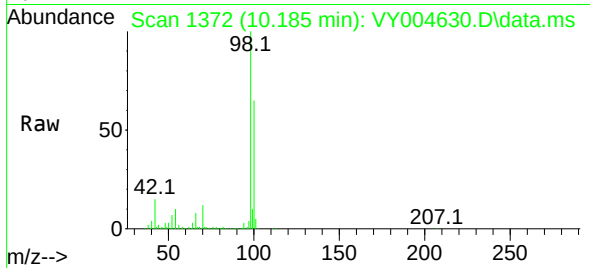




#50
Toluene-d8
Concen: 51.99 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

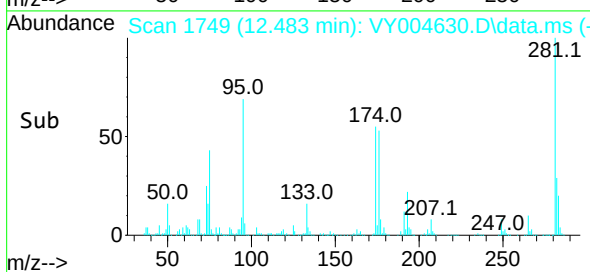
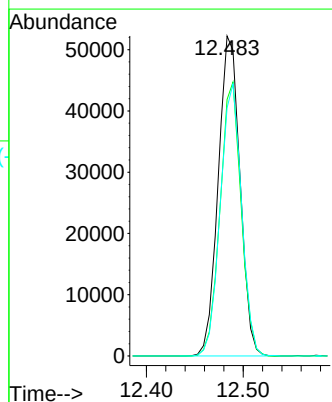
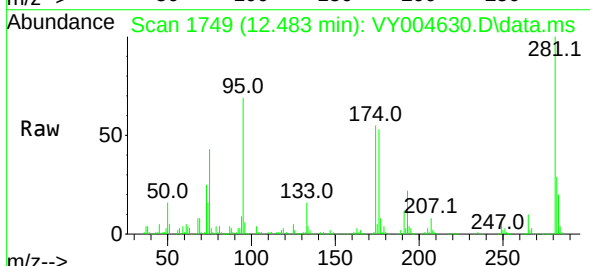
Instrument :
MSVOA_Y
ClientSampled :

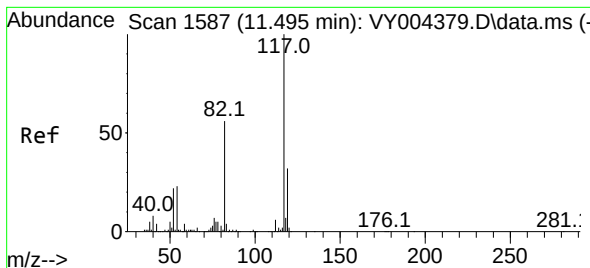
Tgt Ion: 98 Resp: 256448
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

Tgt Ion: 95 Resp: 81410
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 83.0 0.0 156.0

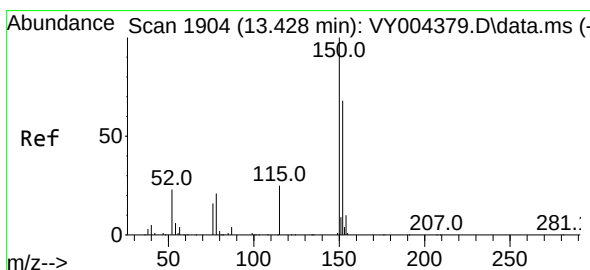
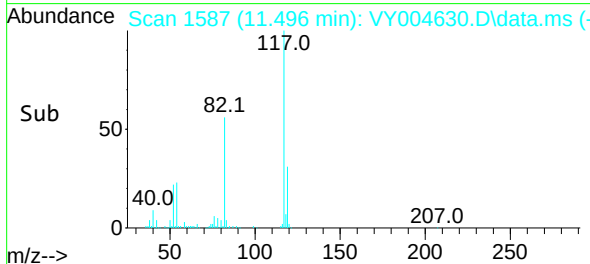
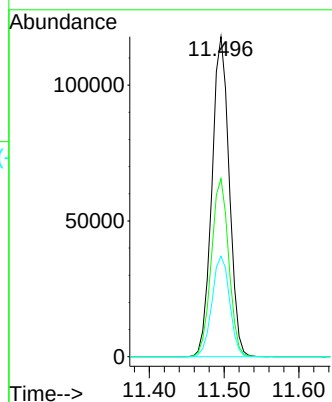
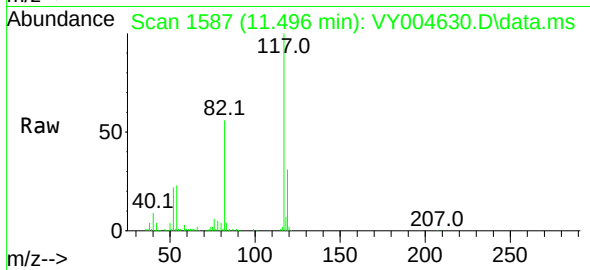




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

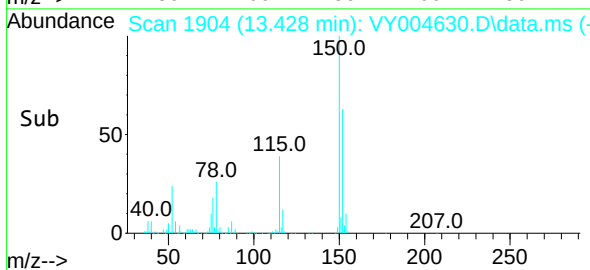
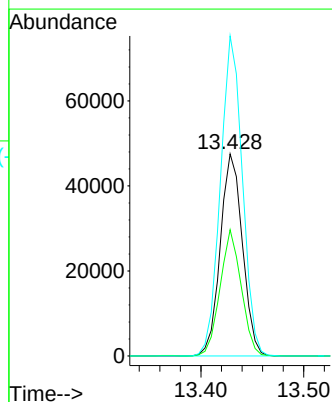
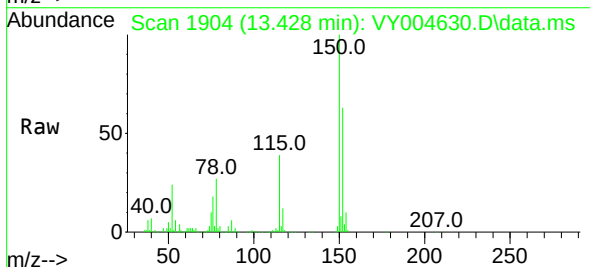
Instrument :
MSVOA_Y
ClientSampleId :

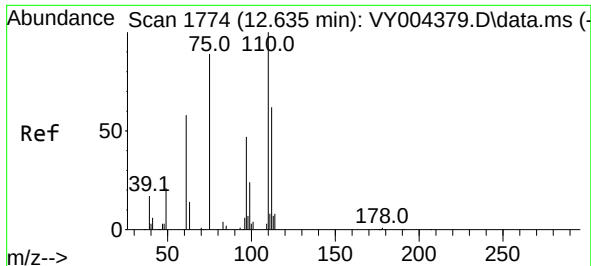
Tgt Ion:117 Resp: 189317
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

Tgt Ion:152 Resp: 71125
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 157.1 0.0 348.4

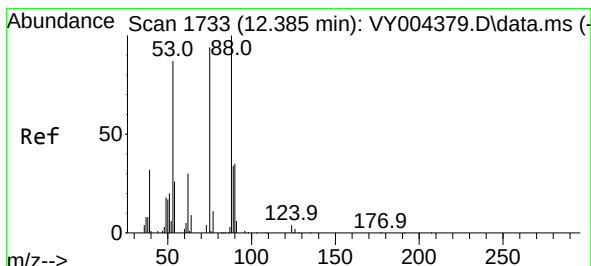
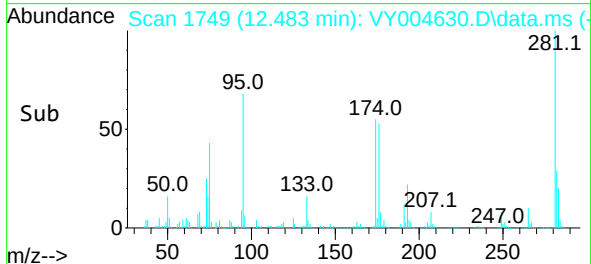
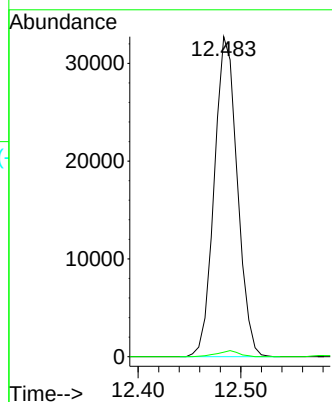
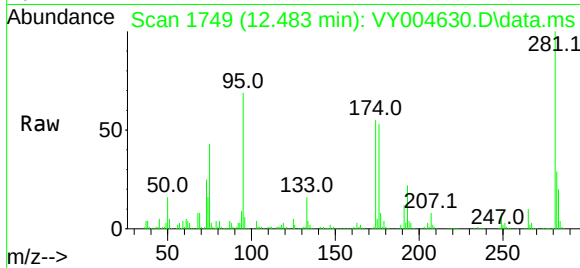




#76
1,2,3-Trichloropropane
Concen: 66.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 50860
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004630.D
Acq: 26 Apr 2021 15:26

Tgt Ion: 75 Resp: 50860
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 3.5 36.1 54.1#

