

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005586.D
 Acq On : 10 Aug 2021 11:32
 Operator : SY/MD
 Sample : M3340-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:36:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

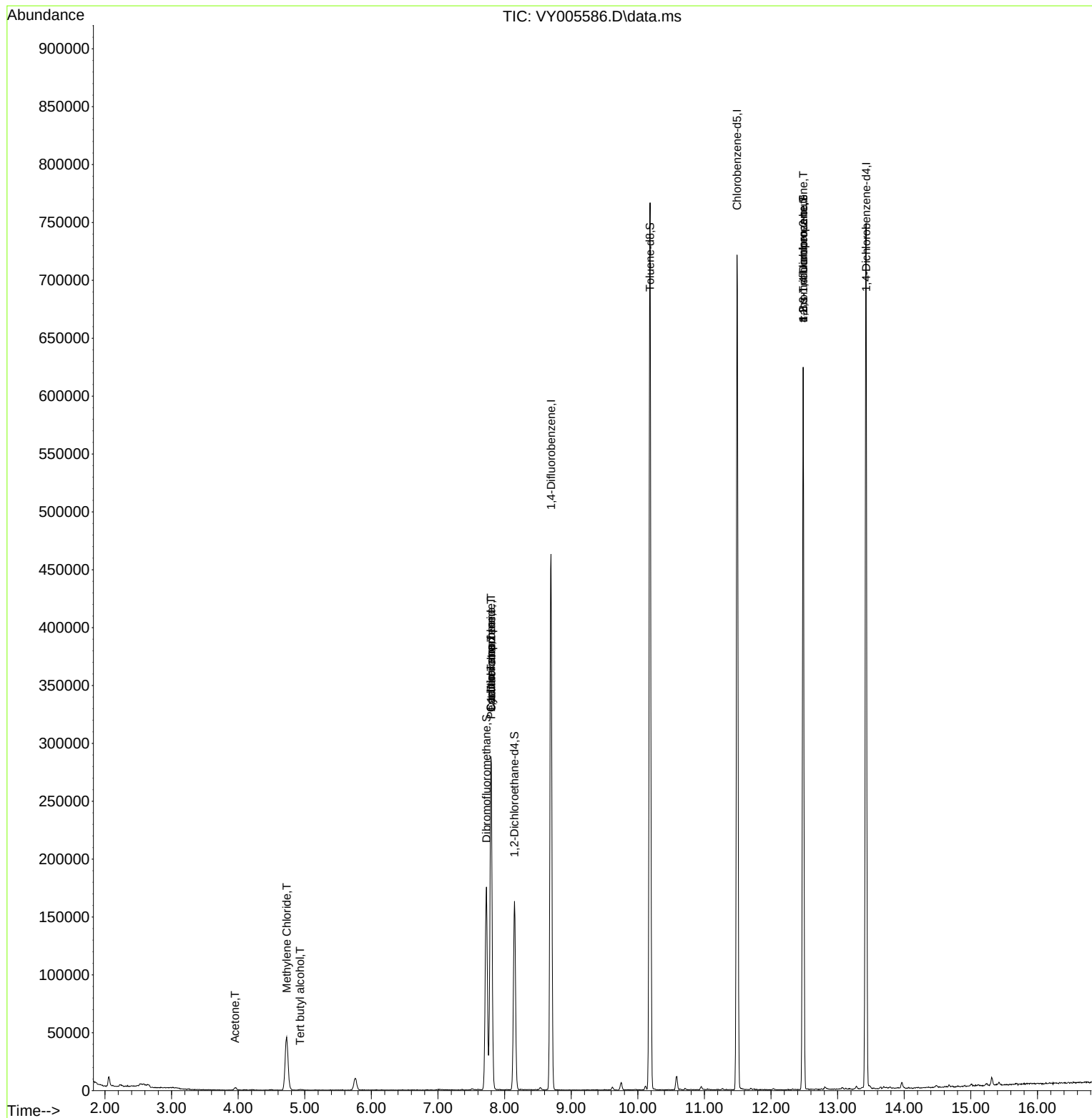
Internal Standards						
1) Pentafluorobenzene	7.801	168	235296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	392529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	385599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	134247	56.36	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.72%			
35) Dibromofluoromethane	7.728	113	117585	53.50	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.00%			
50) Toluene-d8	10.185	98	495968	53.81	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.62%			
62) 4-Bromofluorobenzene	12.483	95	171249	56.11	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.22%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.929	59	435	1.85	ug/l #	73
16) Acetone	3.954	43	3664	6.10	ug/l	93
20) Methylene Chloride	4.728	84	34603	9.64	ug/l	97
31) Cyclohexane	7.795	56	4655	1.14	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	16173	4.39	ug/l #	50
38) Carbon Tetrachloride	7.795	117	21202	5.30	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	92728	45.47	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	92728	91.67	ug/l #	11

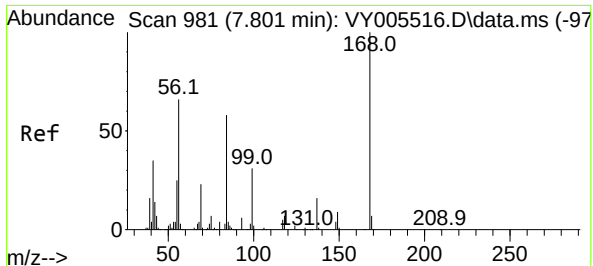
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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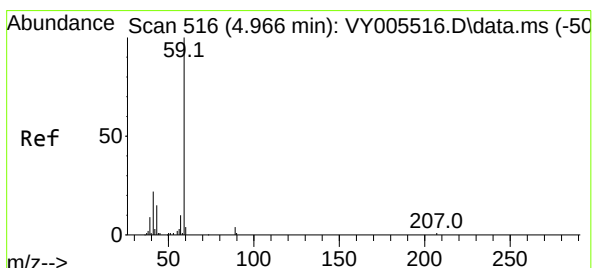
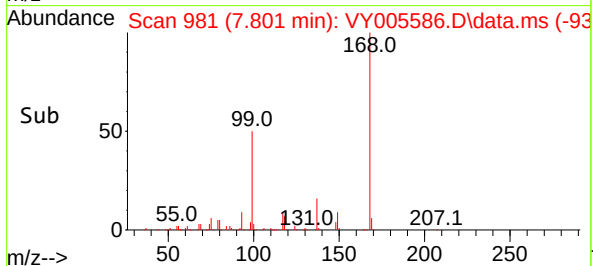
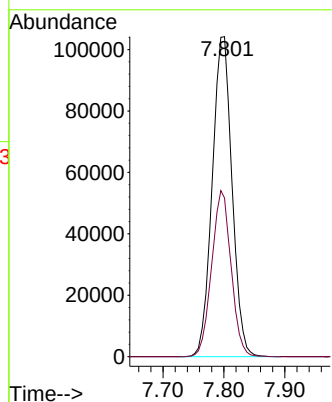
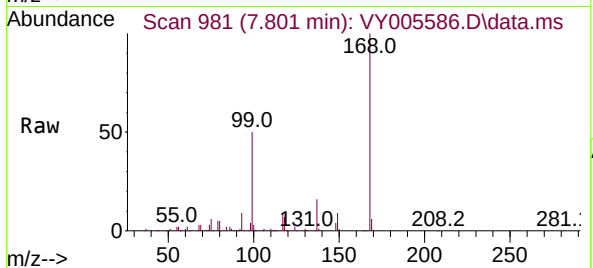




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

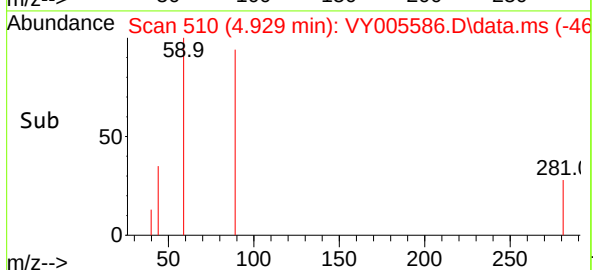
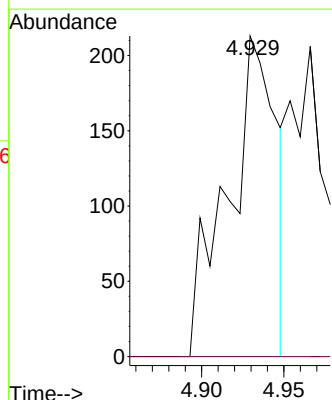
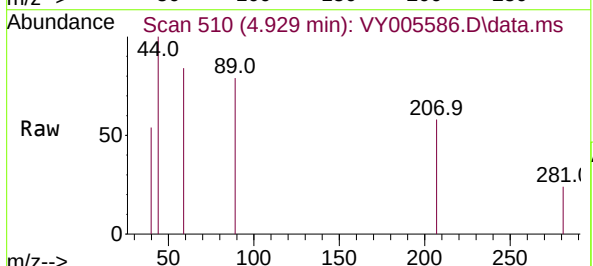
Instrument :
MSVOA_Y
ClientSampled :

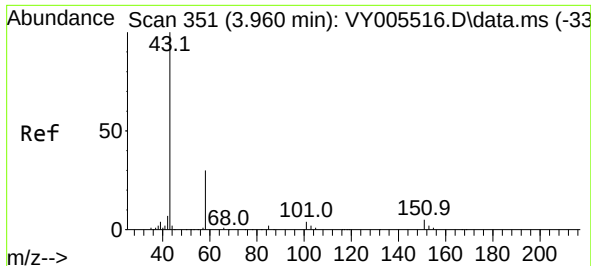
Tgt Ion:168 Resp: 235296
Ion Ratio Lower Upper
168 100
99 49.6 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.85 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.037 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

Tgt Ion: 59 Resp: 435
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

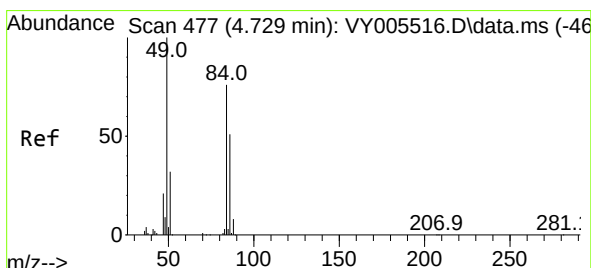
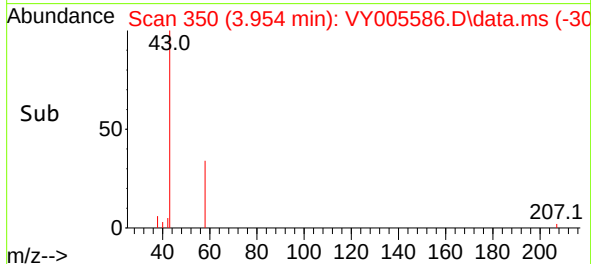
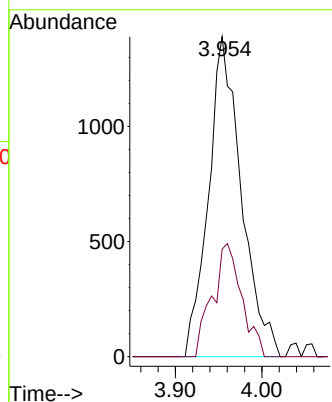
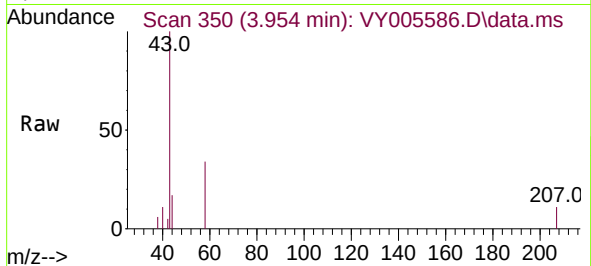




#16
Acetone
Concen: 6.10 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

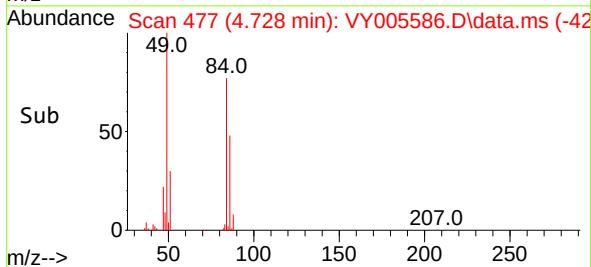
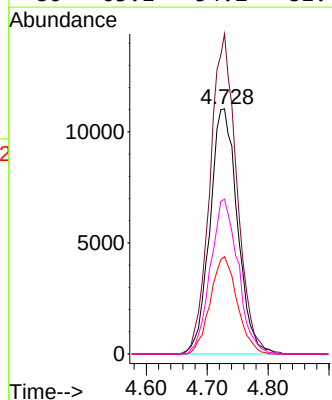
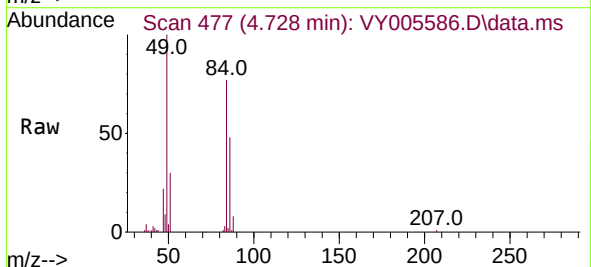
Instrument :
MSVOA_Y
ClientSampleId :

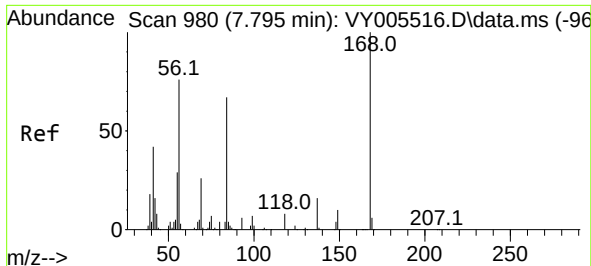
Tgt Ion: 43 Resp: 3664
Ion Ratio Lower Upper
43 100
58 33.6 23.8 35.6



#20
Methylene Chloride
Concen: 9.64 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

Tgt Ion: 84 Resp: 34603
Ion Ratio Lower Upper
84 100
49 130.5 105.8 158.6
51 39.7 33.4 50.2
86 63.1 54.2 81.4

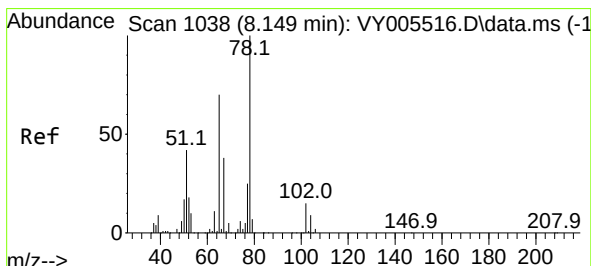
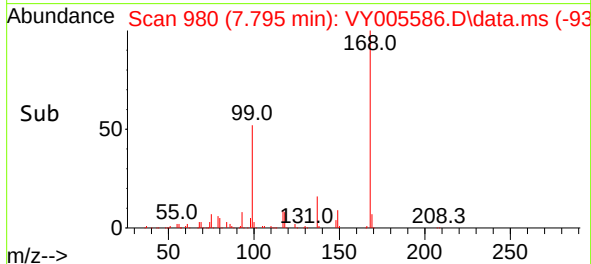
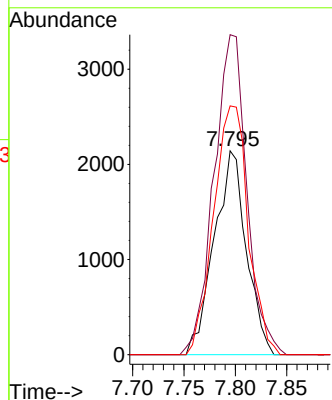
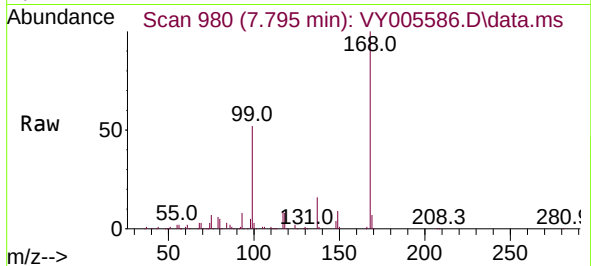




#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

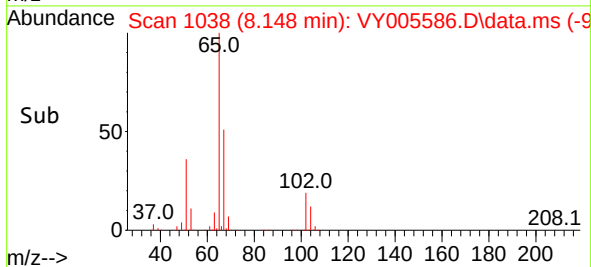
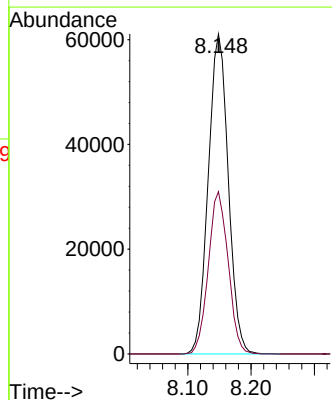
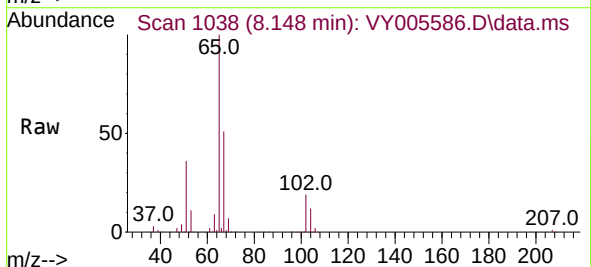
Instrument :
MSVOA_Y
ClientSampleId :

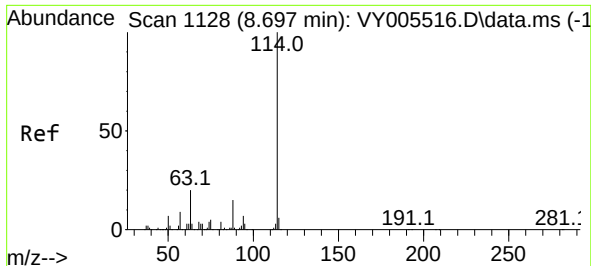
Tgt Ion: 56 Resp: 4655
Ion Ratio Lower Upper
56 100
69 156.9 27.7 41.5#
84 122.0 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 56.36 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

Tgt Ion: 65 Resp: 134247
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4

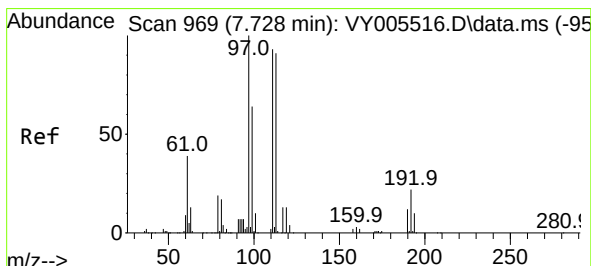
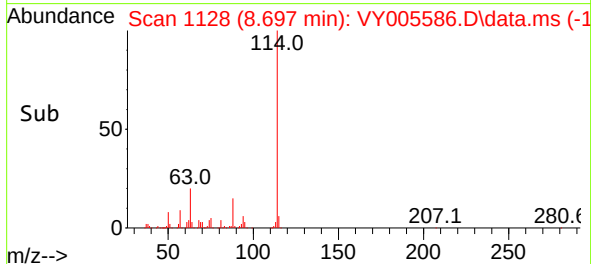
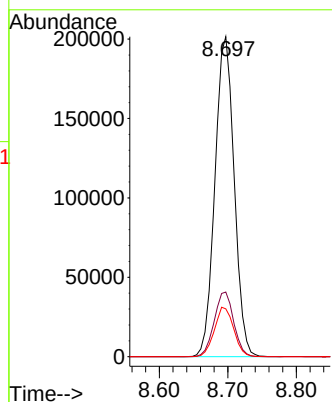
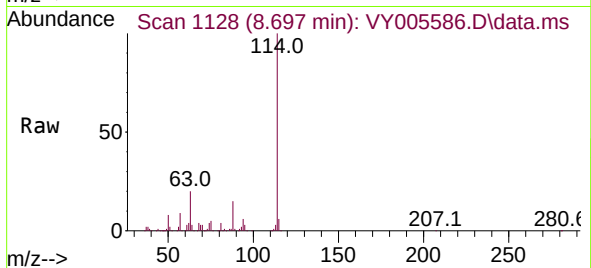




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

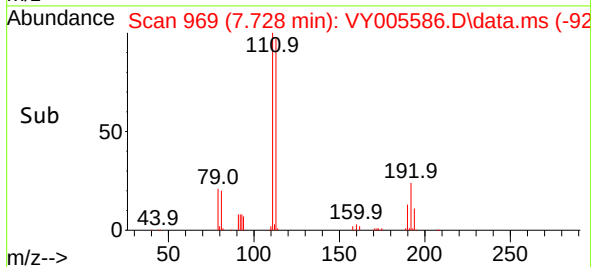
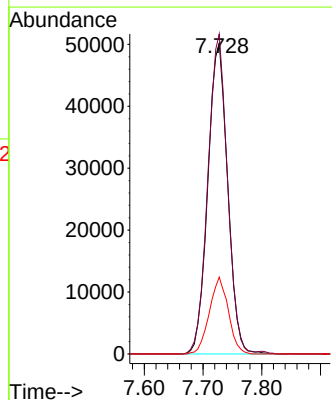
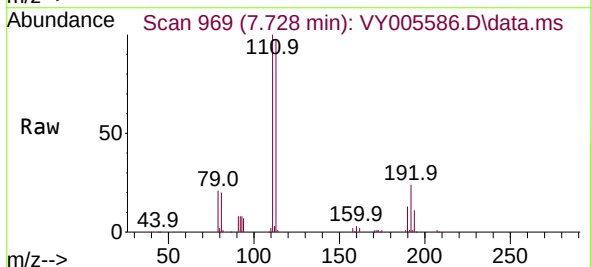
Instrument :
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ClientSampleId :

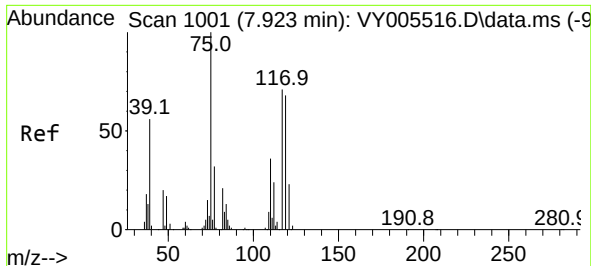
Tgt Ion:114 Resp: 392529
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.50 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

Tgt Ion:113 Resp: 117585
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 23.6 19.2 28.8

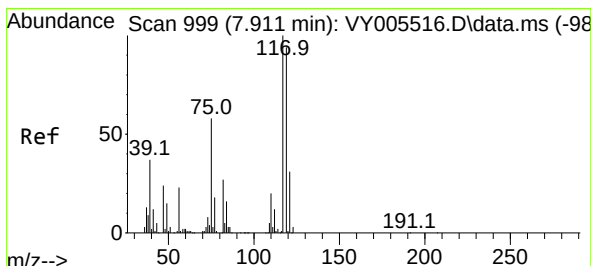
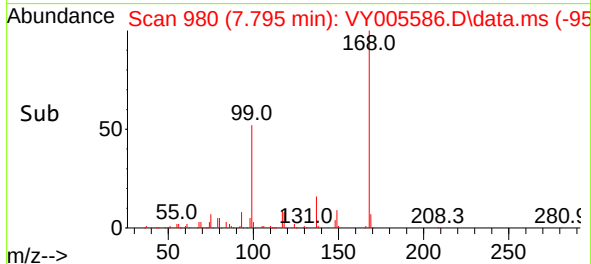
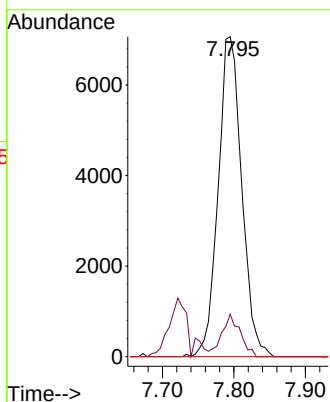
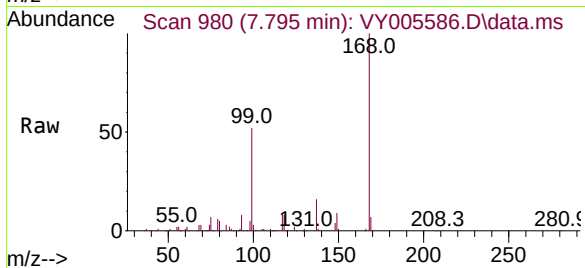




#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

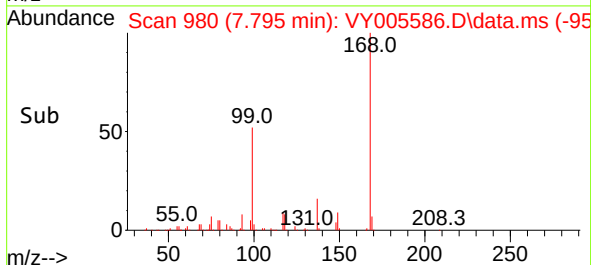
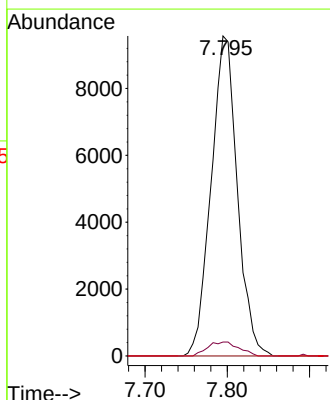
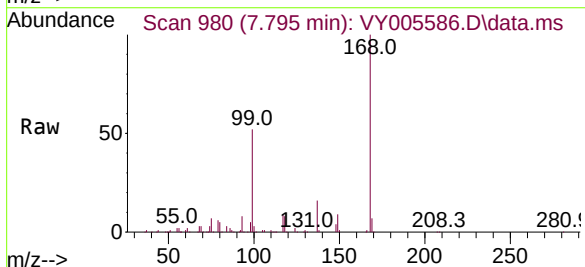
Instrument :
MSVOA_Y
ClientSampled :

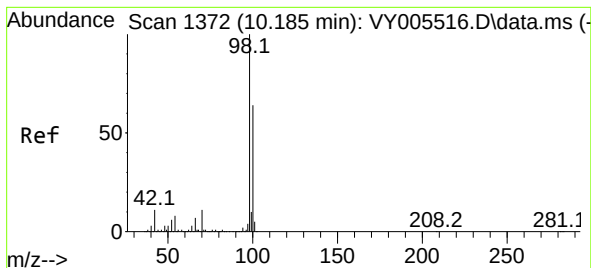
Tgt Ion: 75 Resp: 16173
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

Tgt Ion: 117 Resp: 21202
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.0#
121 0.0 25.1 37.7#

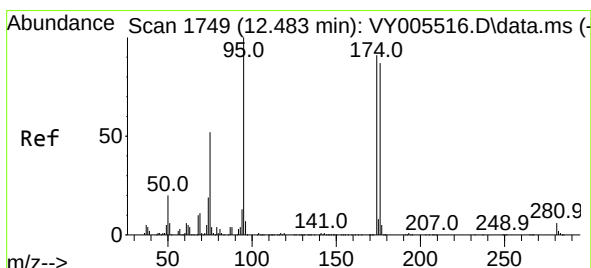
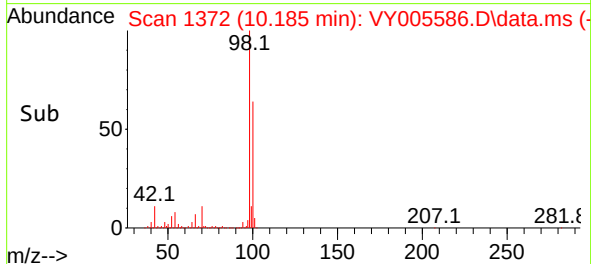
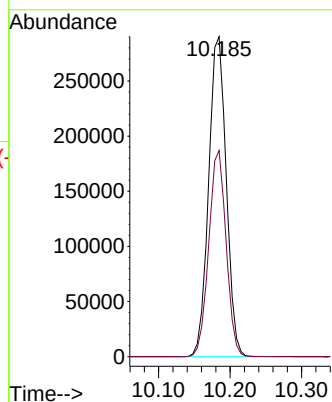
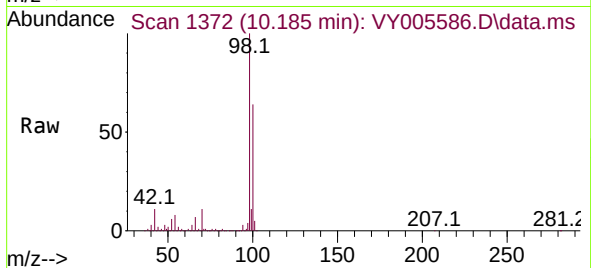




#50
Toluene-d8
Concen: 53.81 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

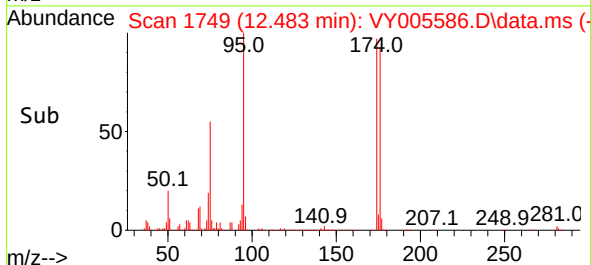
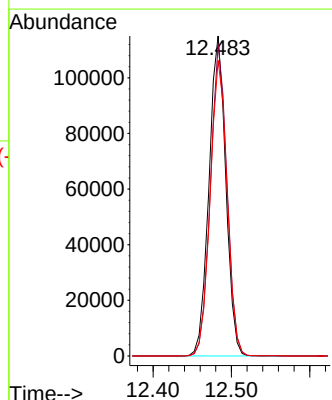
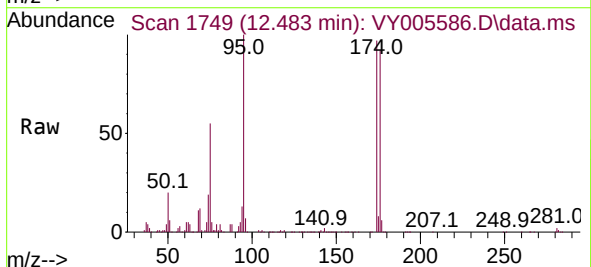
Instrument :
MSVOA_Y
ClientSampled :

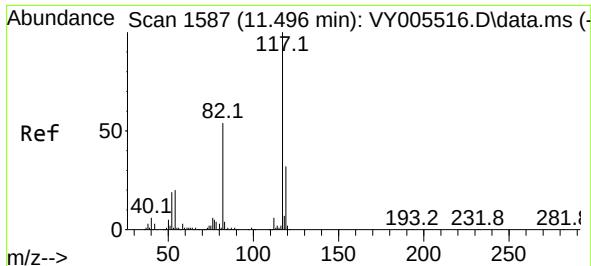
Tgt Ion: 98 Resp: 495968
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 56.11 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

Tgt Ion: 95 Resp: 171249
Ion Ratio Lower Upper
95 100
174 95.8 0.0 191.4
176 92.7 0.0 183.6

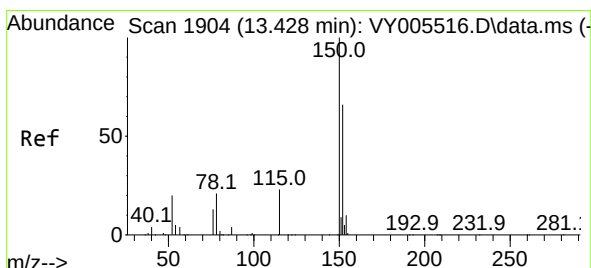
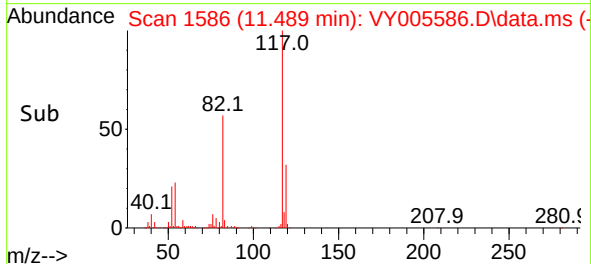
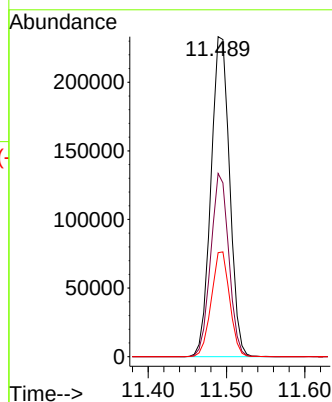
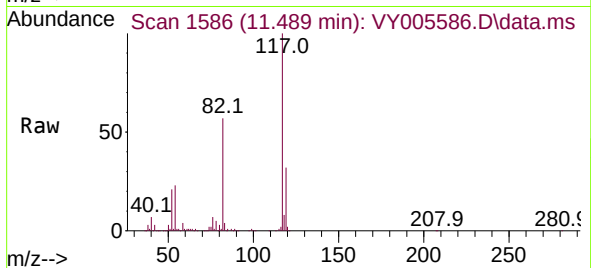




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

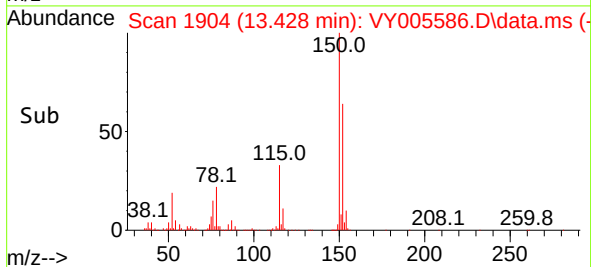
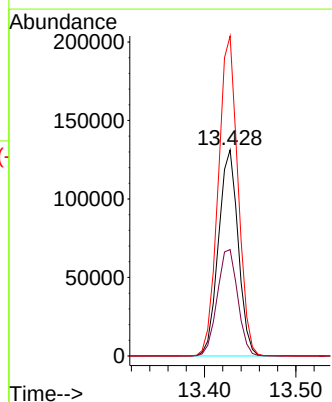
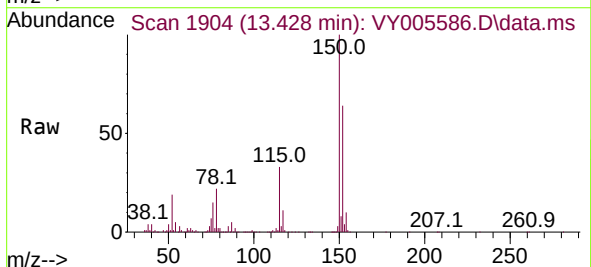
Instrument :
MSVOA_Y
ClientSampleId :

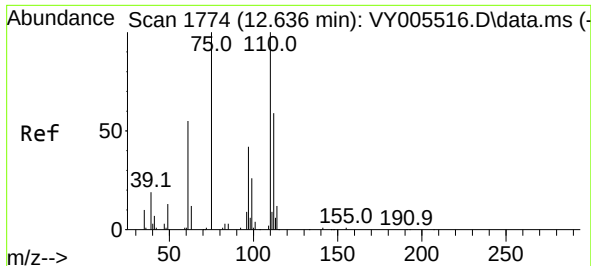
Tgt Ion:117 Resp: 385599
Ion Ratio Lower Upper
117 100
82 57.2 43.5 65.3
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

Tgt Ion:152 Resp: 196783
Ion Ratio Lower Upper
152 100
115 53.8 27.3 81.9
150 155.2 0.0 350.2

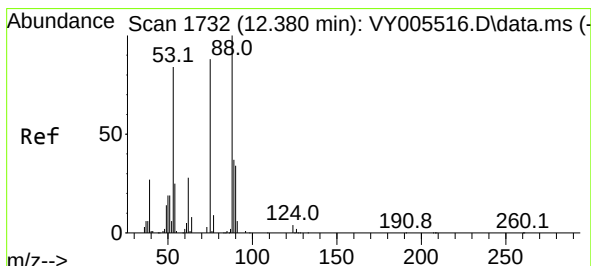
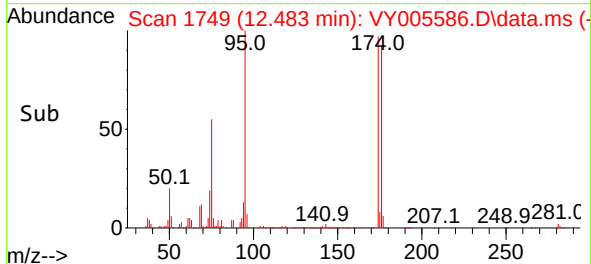
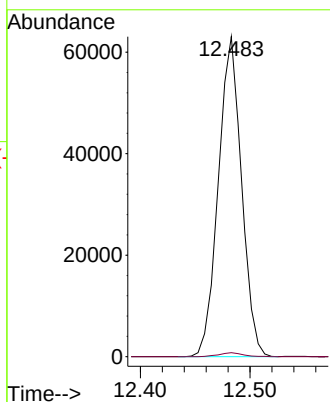
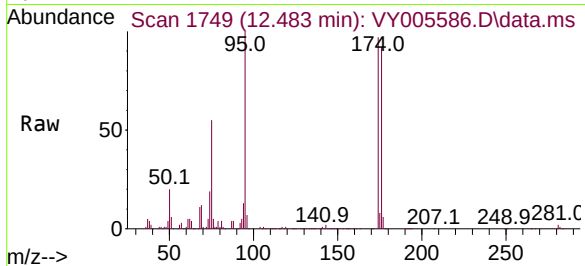




#76
1,2,3-Trichloropropane
Concen: 45.47 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 92728
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005586.D
Acq: 10 Aug 2021 11:32

Tgt Ion: 75 Resp: 92728
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

