

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005591.D
 Acq On : 10 Aug 2021 13:30
 Operator : SY/MD
 Sample : M3314-01RE
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:36:54 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)

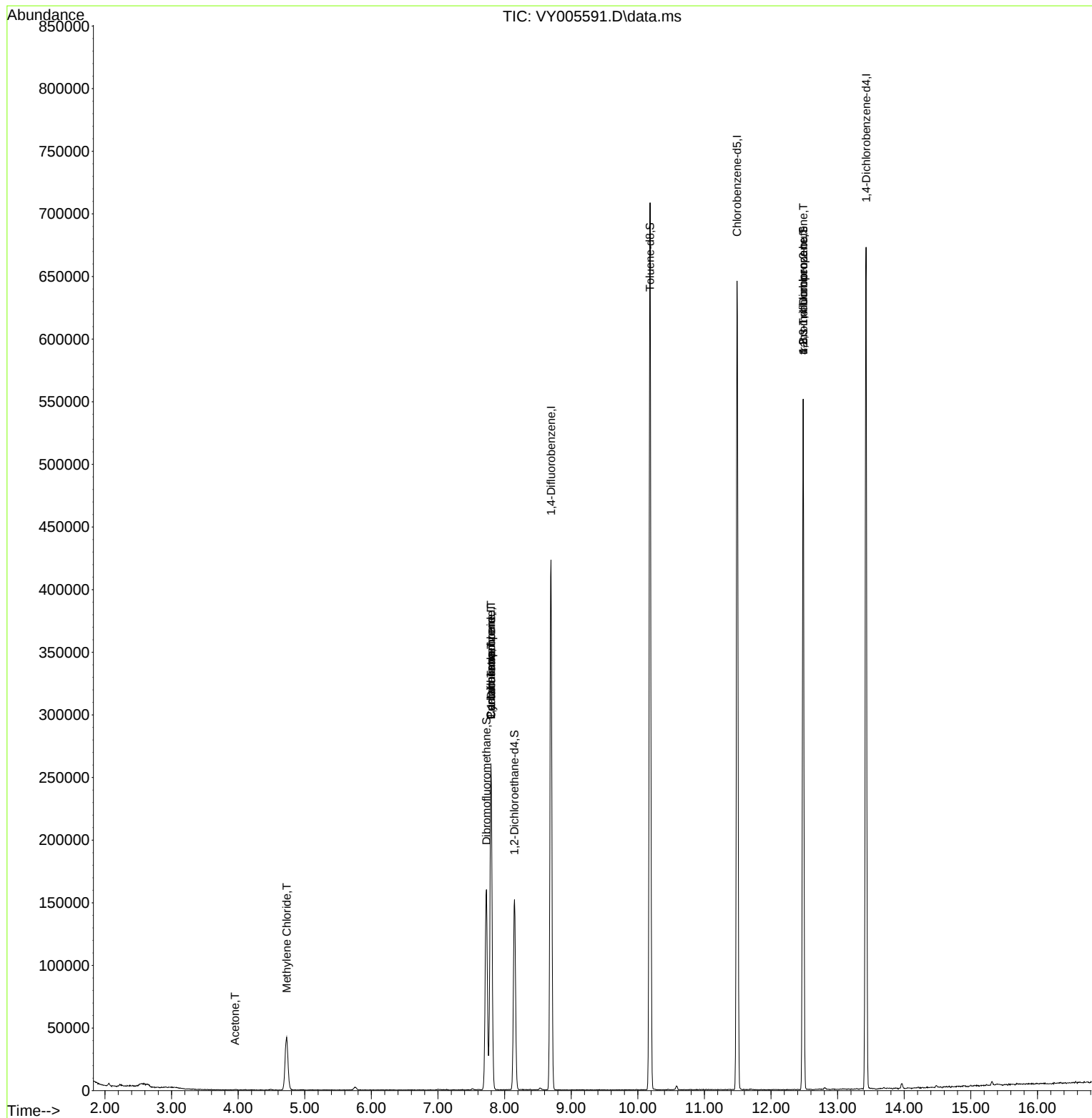
Internal Standards						
1) Pentafluorobenzene	7.795	168	211660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	355584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126109	58.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.72%			
35) Dibromofluoromethane	7.728	113	107159	53.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.66%			
50) Toluene-d8	10.185	98	450669	53.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.96%			
62) 4-Bromofluorobenzene	12.483	95	155055	56.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.16%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	634	1.17	ug/l #	84
20) Methylene Chloride	4.729	84	32360	10.30	ug/l	91
31) Cyclohexane	7.795	56	4199	1.14	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	14536	4.36	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18888	5.21	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	85526	47.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85526	95.52	ug/l #	11

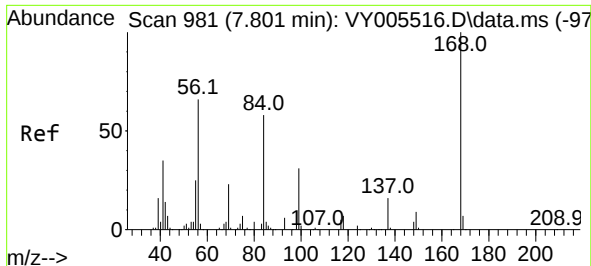
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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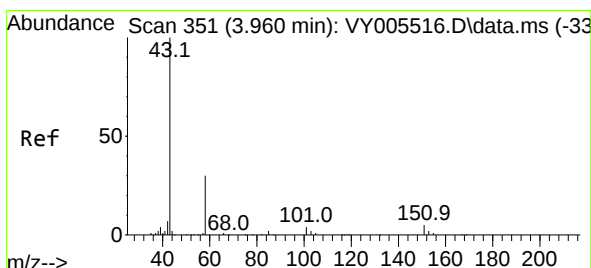
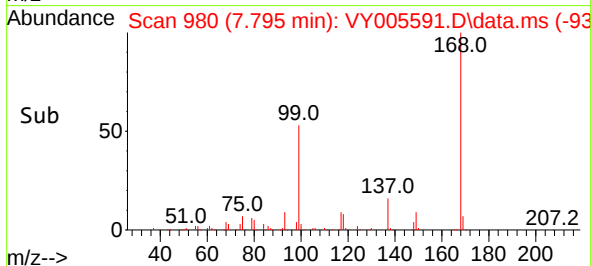
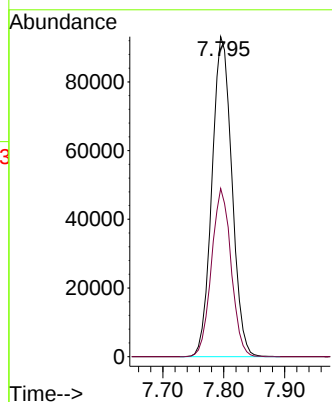
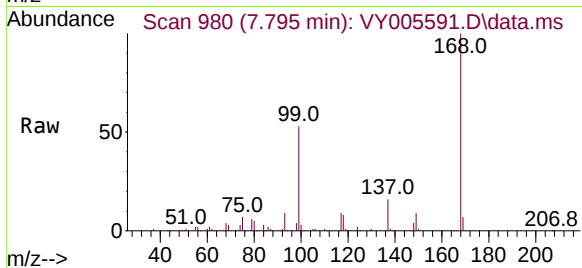




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005591.D
Acq: 10 Aug 2021 13:30

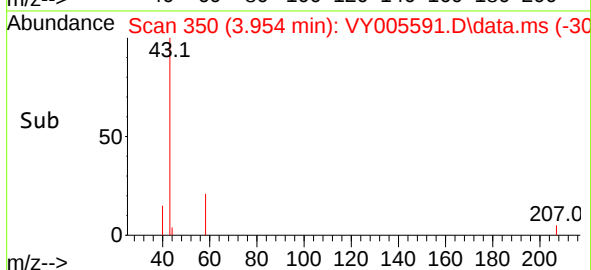
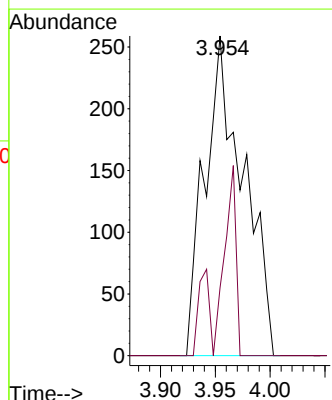
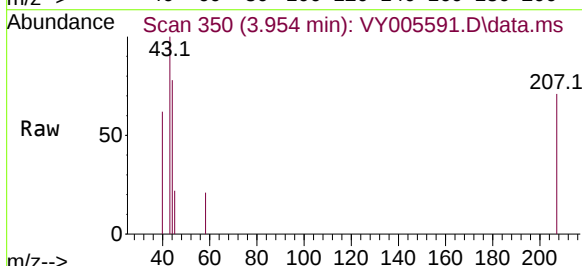
Instrument :
MSVOA_Y
ClientSampled :

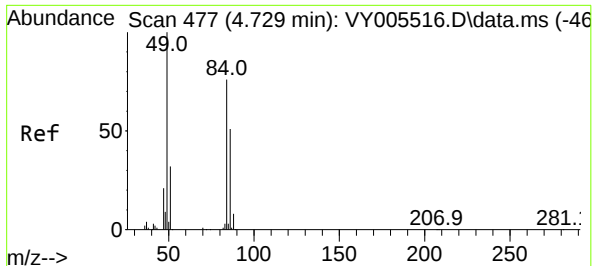
Tgt Ion:168 Resp: 211660
Ion Ratio Lower Upper
168 100
99 52.5 38.9 58.3



#16
Acetone
Concen: 1.17 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005591.D
Acq: 10 Aug 2021 13:30

Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 21.2 23.8 35.6#

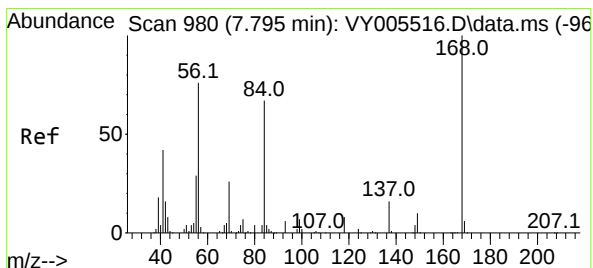
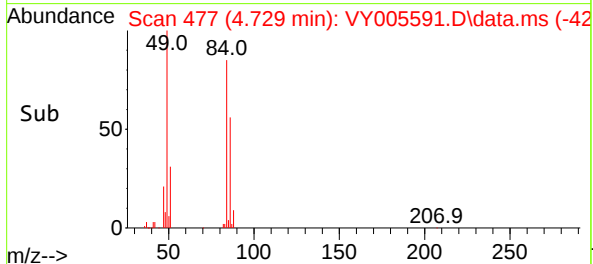
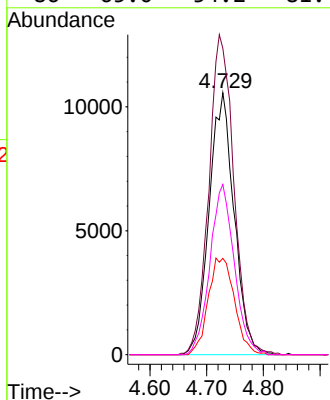
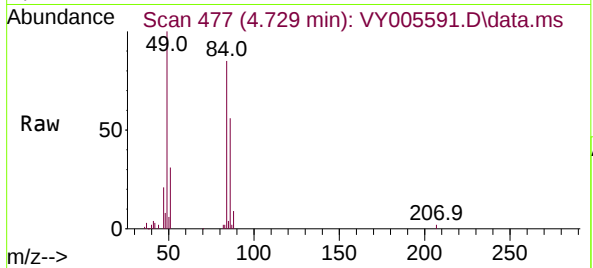




#20
Methylene Chloride
Concen: 10.30 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005591.D
Acq: 10 Aug 2021 13:30

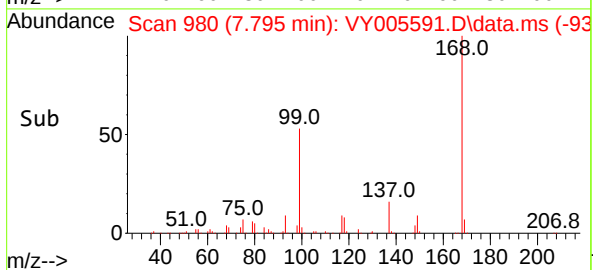
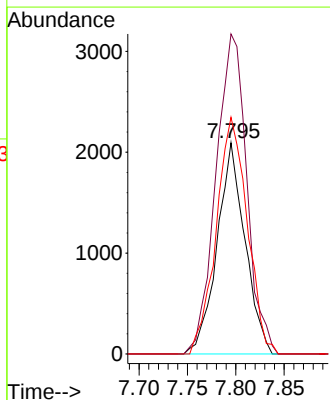
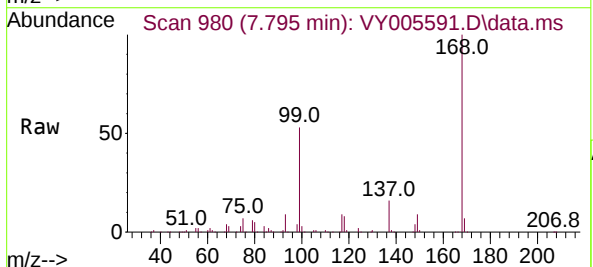
Instrument :
MSVOA_Y
ClientSampleId :

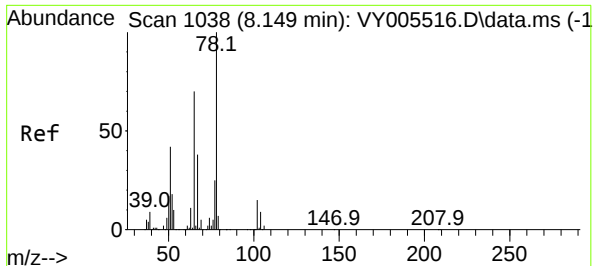
Tgt Ion:	84	Resp:	32360
Ion	Ratio	Lower	Upper
84	100		
49	117.0	105.8	158.6
51	36.8	33.4	50.2
86	65.0	54.2	81.4



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005591.D
Acq: 10 Aug 2021 13:30

Tgt Ion:	56	Resp:	4199
Ion	Ratio	Lower	Upper
56	100		
69	151.5	27.7	41.5#
84	118.8	70.9	106.3#

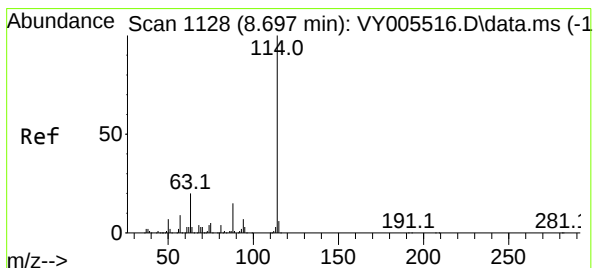
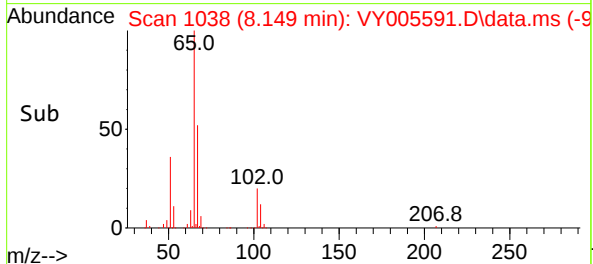
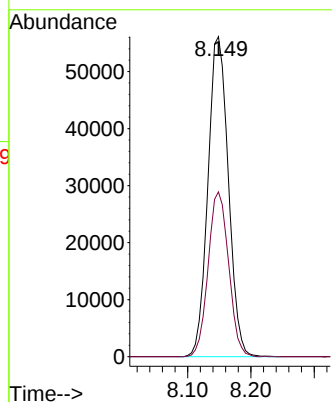
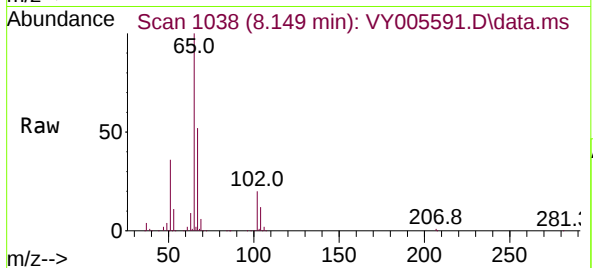




#33
 1,2-Dichloroethane-d4
 Concen: 58.86 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005591.D
 Acq: 10 Aug 2021 13:30

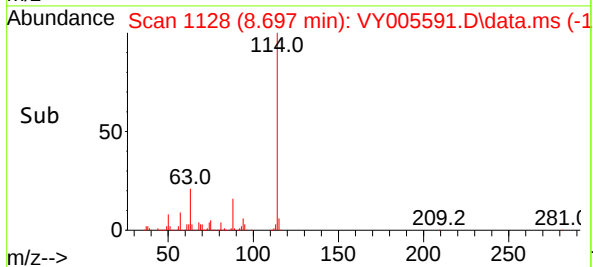
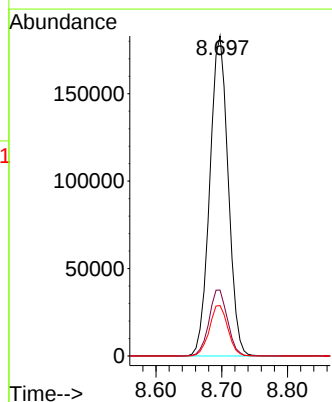
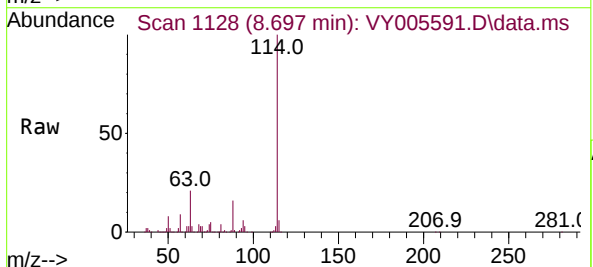
Instrument :
 MSVOA_Y
 ClientSampleId :

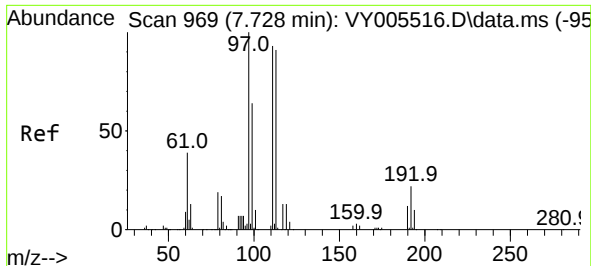
Tgt Ion: 65 Resp: 126109
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005591.D
 Acq: 10 Aug 2021 13:30

Tgt Ion: 114 Resp: 355584
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 15.8 0.0 30.8

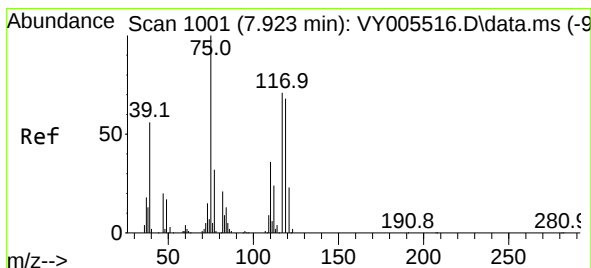
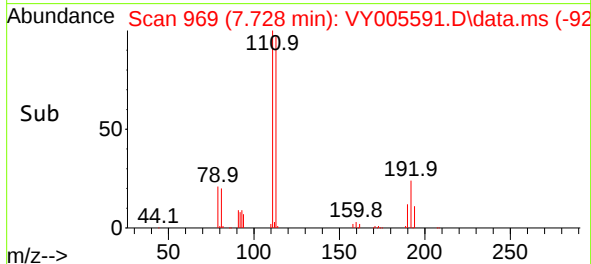
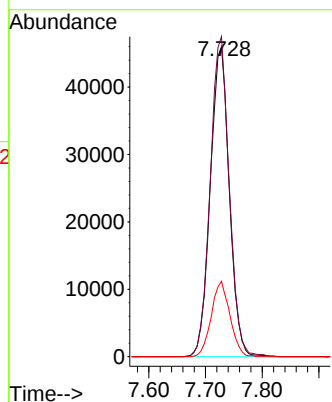
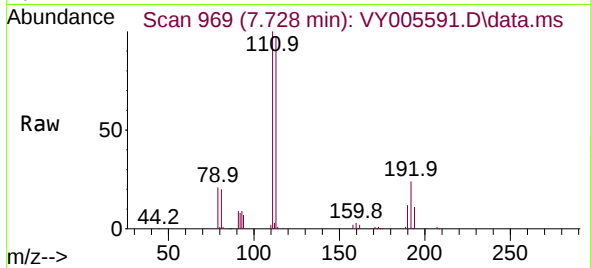




#35
Dibromofluoromethane
Concen: 53.83 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005591.D
Acq: 10 Aug 2021 13:30

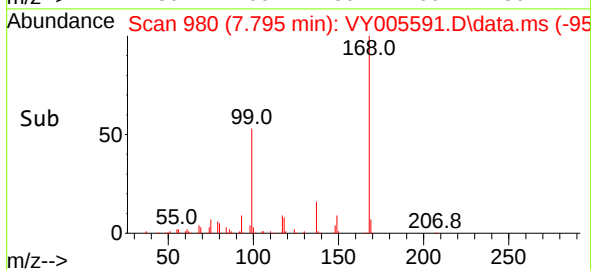
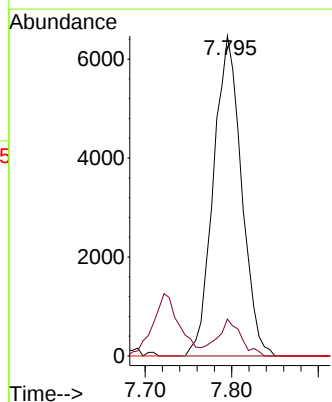
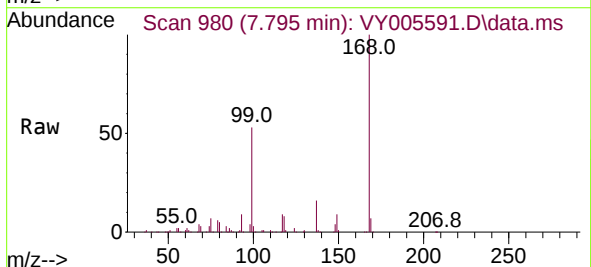
Instrument :
MSVOA_Y
ClientSampleId :

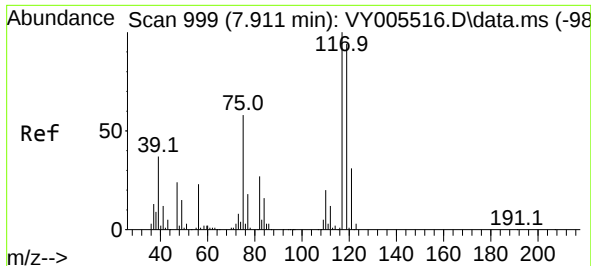
Tgt Ion:113 Resp: 107159
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 23.8 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.36 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005591.D
Acq: 10 Aug 2021 13:30

Tgt Ion: 75 Resp: 14536
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 25.1 37.7#

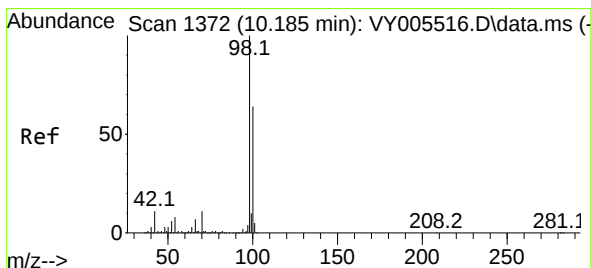
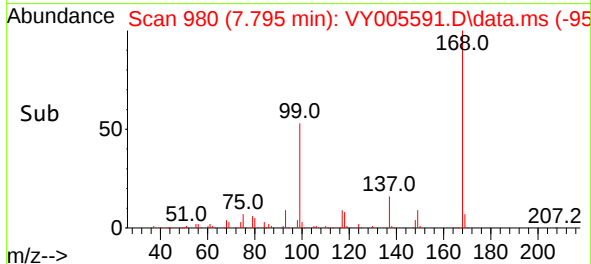
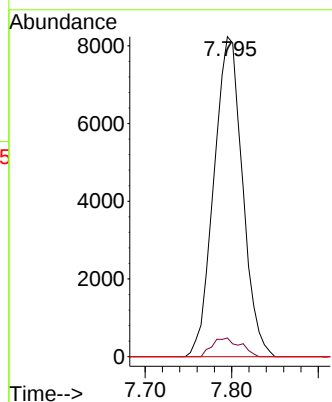
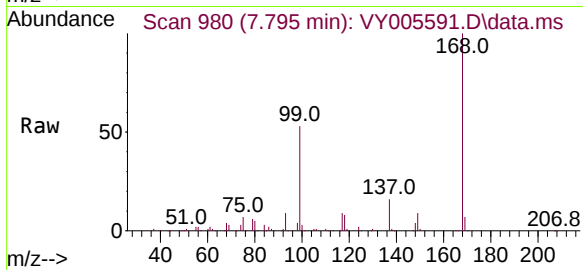




#38
Carbon Tetrachloride
Concen: 5.21 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005591.D
Acq: 10 Aug 2021 13:30

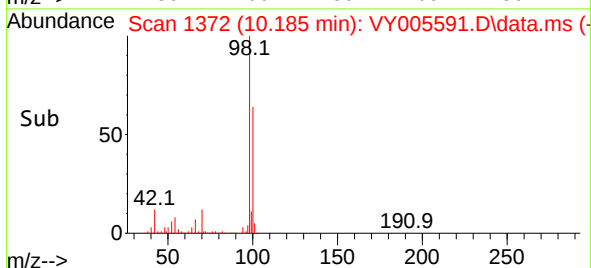
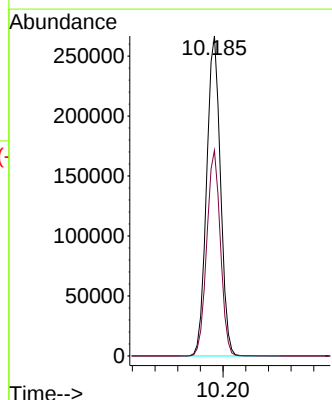
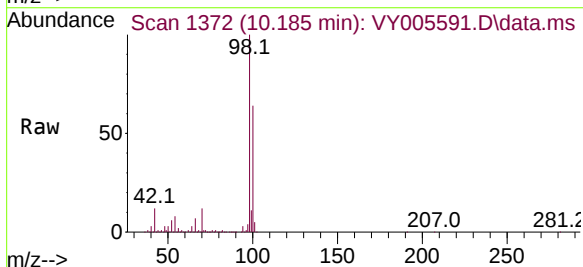
Instrument :
MSVOA_Y
ClientSampleId :

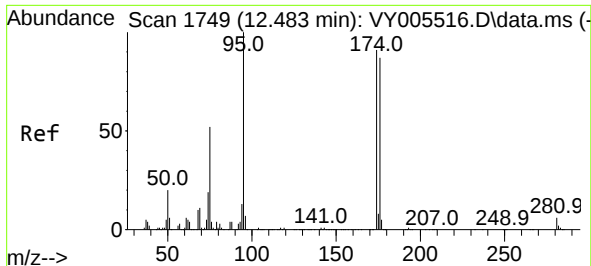
Tgt Ion:117 Resp: 18888
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.98 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005591.D
Acq: 10 Aug 2021 13:30

Tgt Ion: 98 Resp: 450669
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9

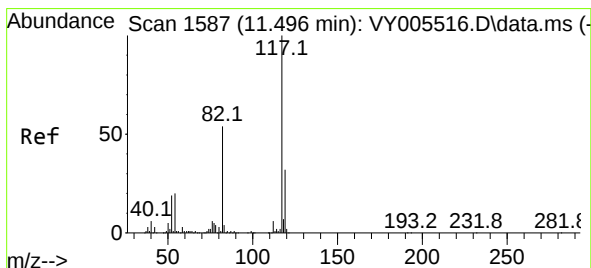
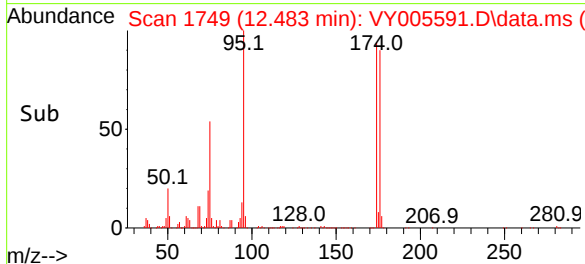
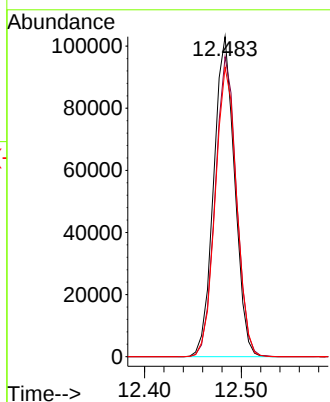
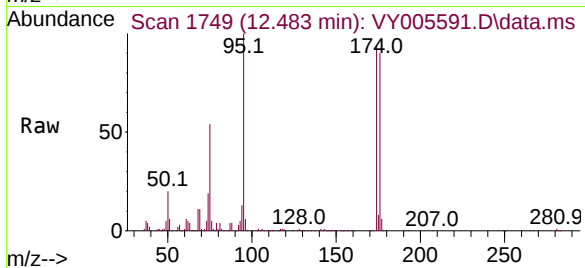




#62
4-Bromofluorobenzene
Concen: 56.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005591.D
Acq: 10 Aug 2021 13:30

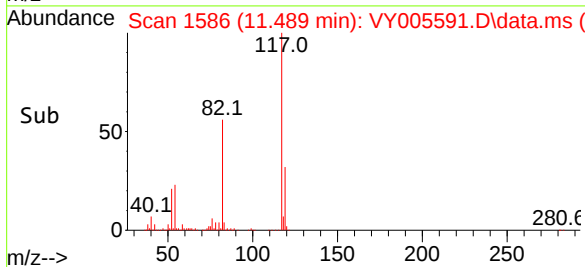
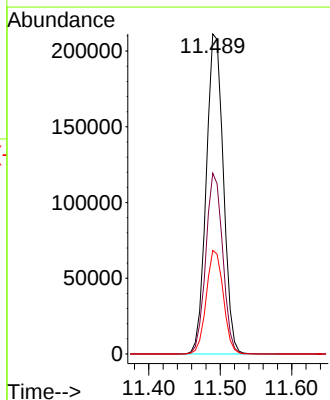
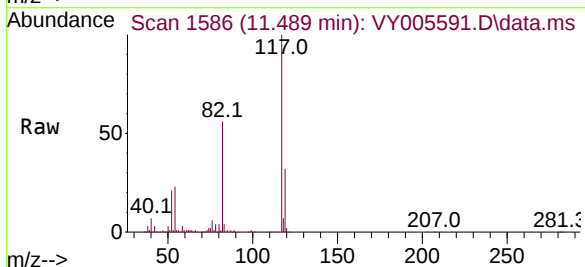
Instrument :
MSVOA_Y
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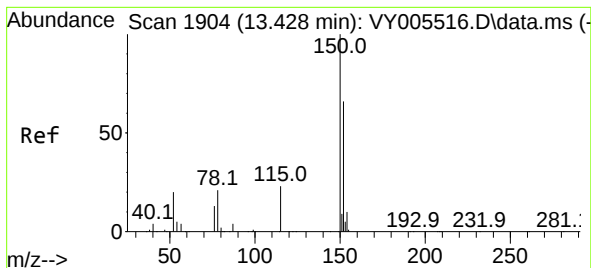
Tgt Ion: 95 Resp: 155055
Ion Ratio Lower Upper
95 100
174 94.7 0.0 191.4
176 92.3 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005591.D
Acq: 10 Aug 2021 13:30

Tgt Ion: 117 Resp: 350885
Ion Ratio Lower Upper
117 100
82 56.5 43.5 65.3
119 32.3 25.5 38.3

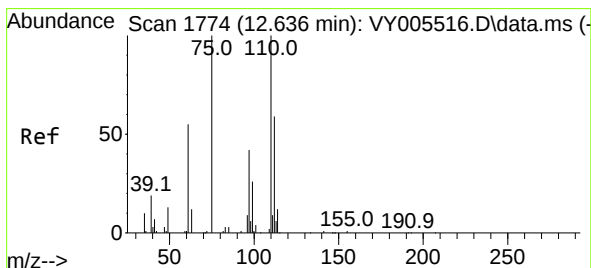
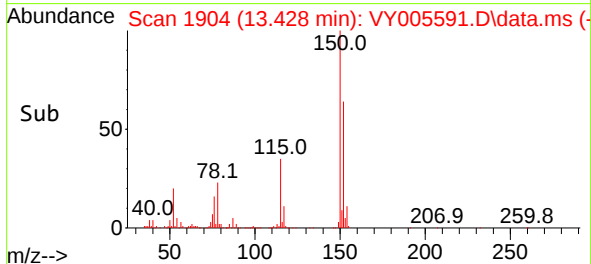
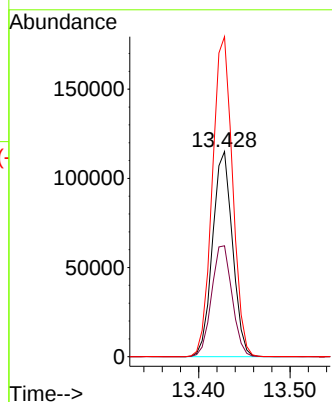
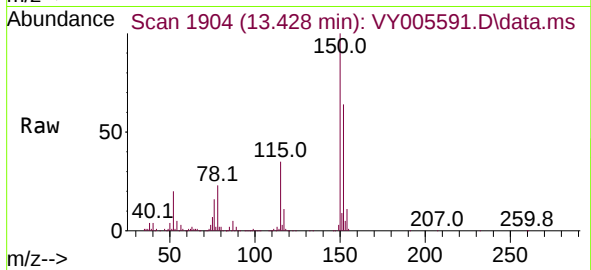




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005591.D
 Acq: 10 Aug 2021 13:30

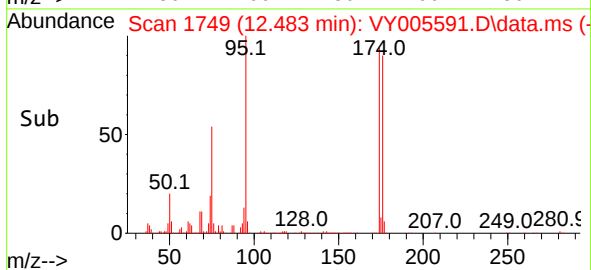
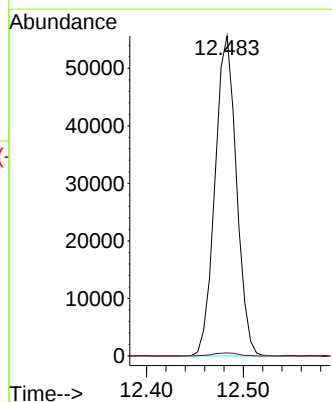
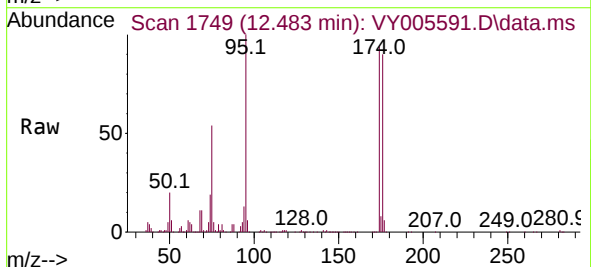
Instrument :
 MSVOA_Y
 ClientSampleId :

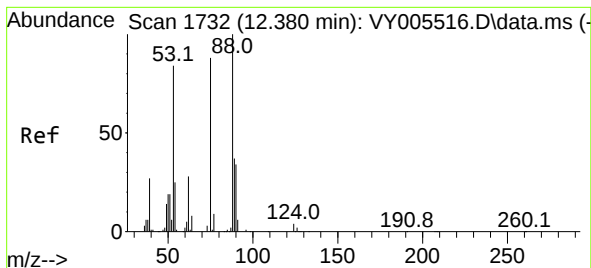
Tgt Ion:152 Resp: 174176
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.3 81.9
 150 157.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 47.38 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005591.D
 Acq: 10 Aug 2021 13:30

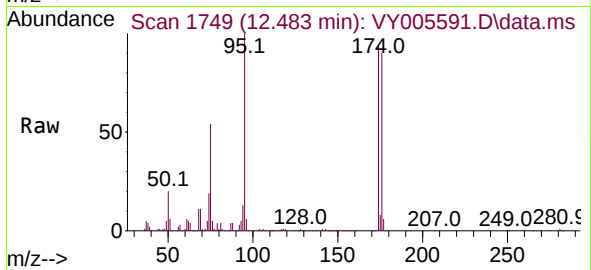
Tgt Ion: 75 Resp: 85526
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.52 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005591.D
 Acq: 10 Aug 2021 13:30

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 85526
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

