

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005728.D
 Acq On : 18 Aug 2021 10:40
 Operator : SY/MD
 Sample : VY0818SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:15:19 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)

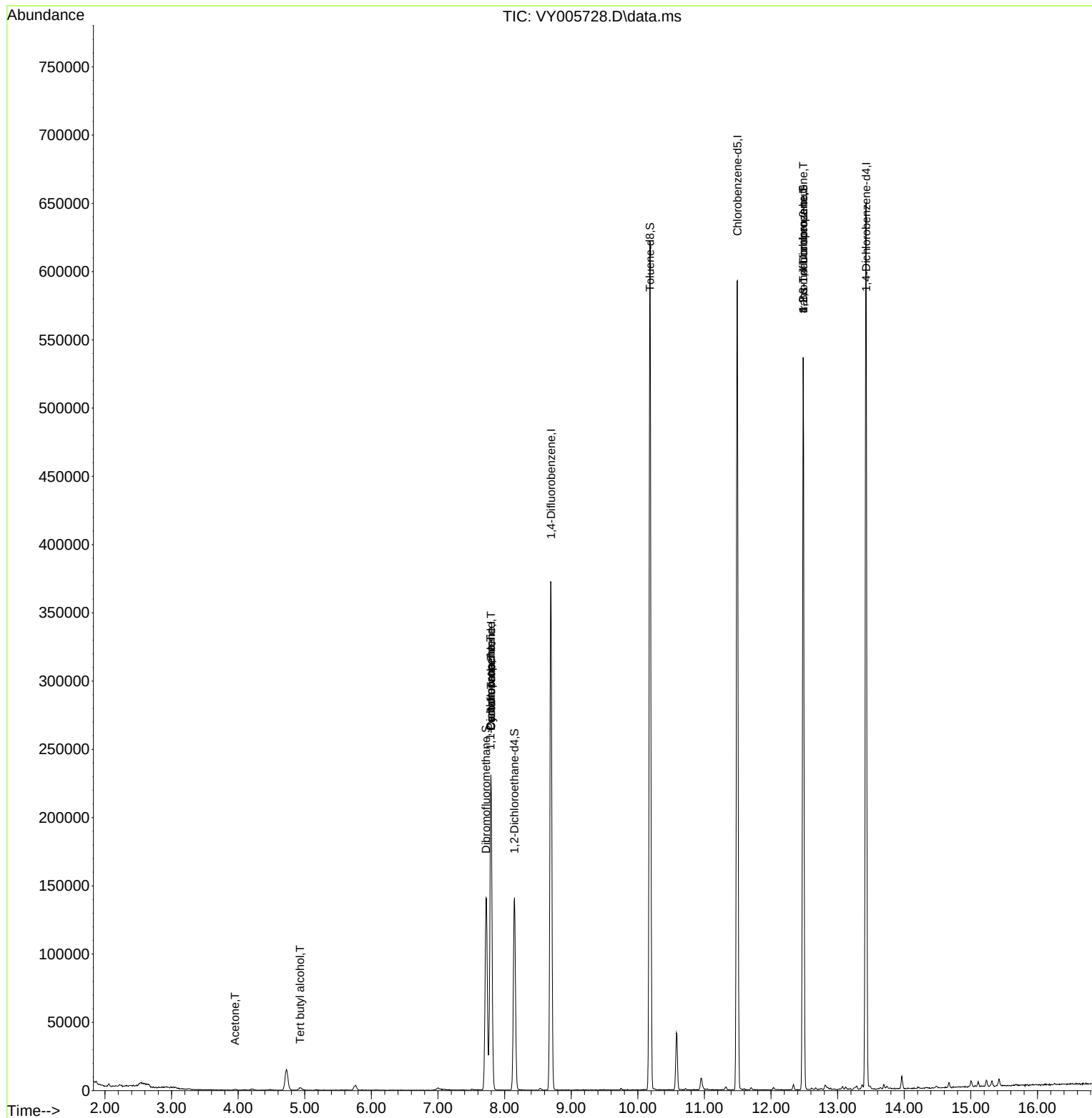
Internal Standards						
1) Pentafluorobenzene	7.795	168	188423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	315708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	324183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115513	60.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.120%			
35) Dibromofluoromethane	7.722	113	96117	54.378	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.760%			
50) Toluene-d8	10.185	98	403684	54.456	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.920%			
62) 4-Bromofluorobenzene	12.483	95	145552	59.292	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.580%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	883	4.683	ug/l #	73
16) Acetone	3.954	43	1007	2.094	ug/l	93
31) Cyclohexane	7.795	56	3722	1.138	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	13535	4.571	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17134	5.324	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	79593	44.941	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79593	90.595	ug/l #	11

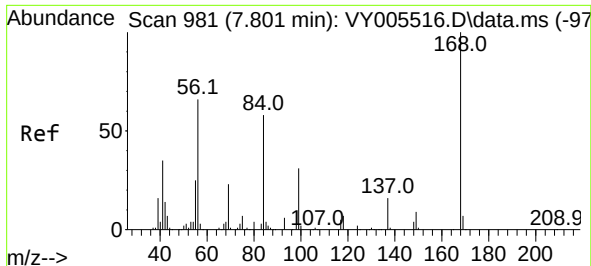
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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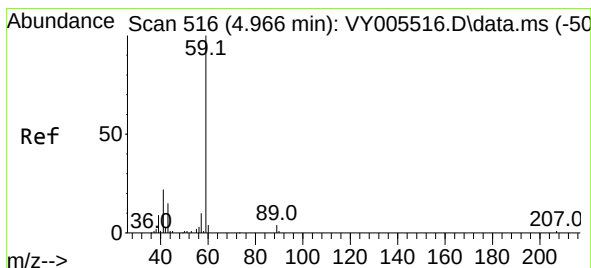
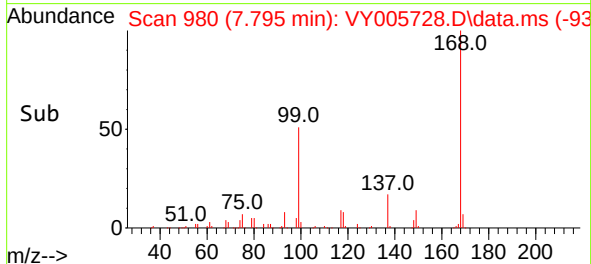
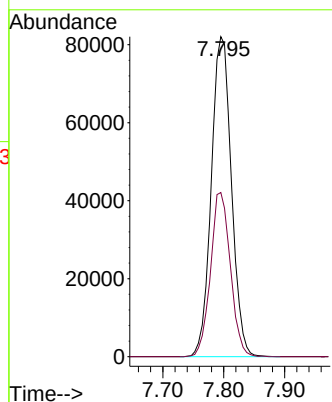
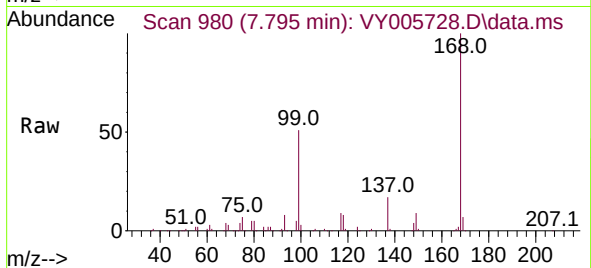




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

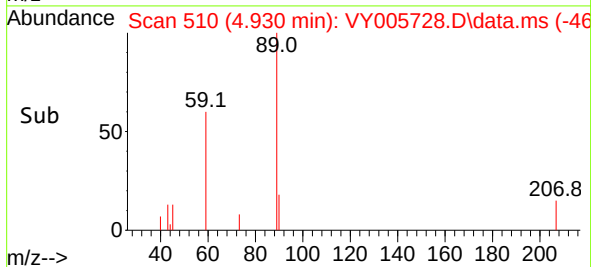
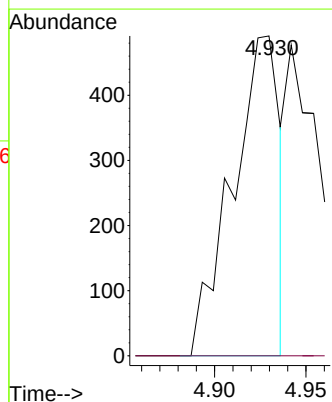
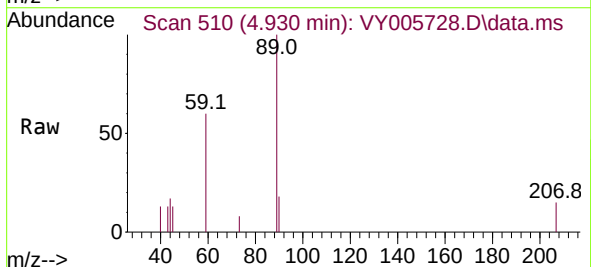
Instrument :
MSVOA_Y
ClientSampled :

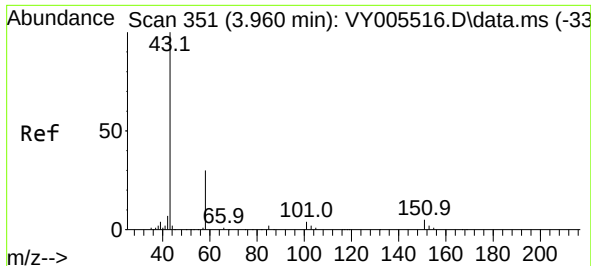
Tgt Ion:168 Resp: 188423
Ion Ratio Lower Upper
168 100
99 51.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.683 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.037 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

Tgt Ion: 59 Resp: 883
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

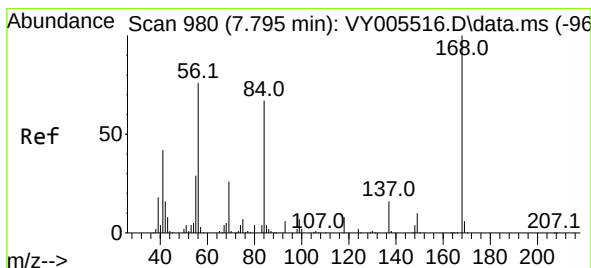
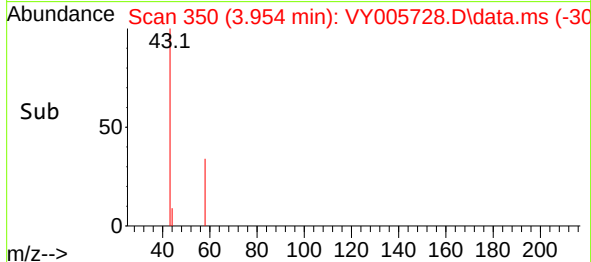
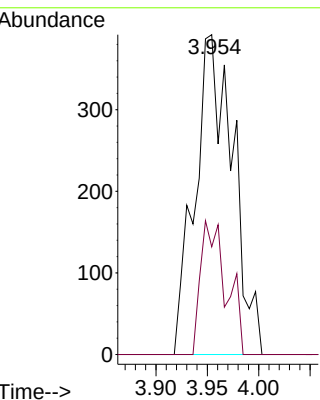
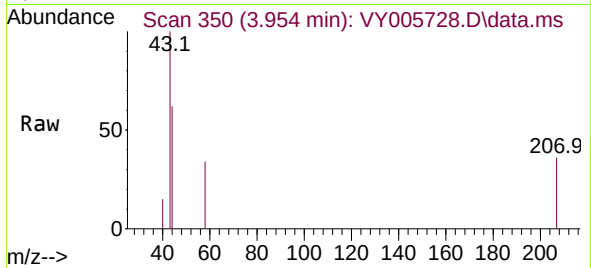




#16
Acetone
Concen: 2.094 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

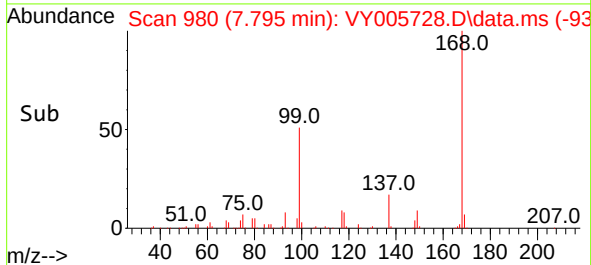
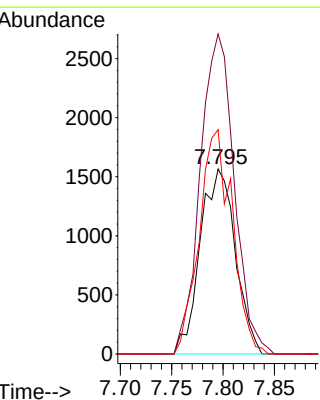
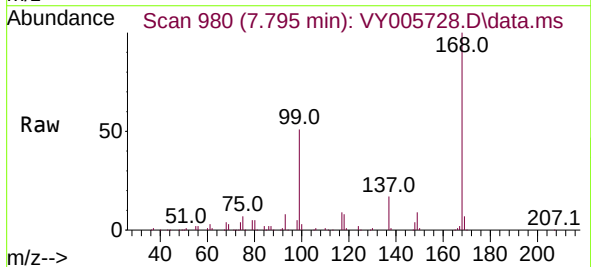
Instrument :
MSVOA_Y
ClientSampleId :

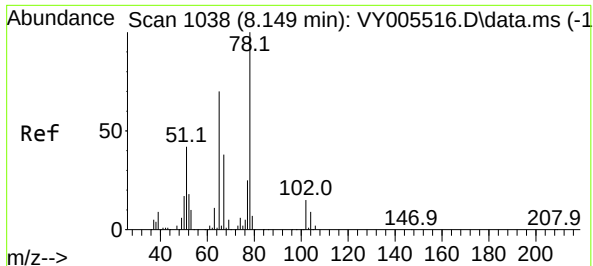
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 33.7 23.8 35.6



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

Tgt Ion: 56 Resp: 3722
Ion Ratio Lower Upper
56 100
69 172.9 27.7 41.5#
84 121.3 70.9 106.3#

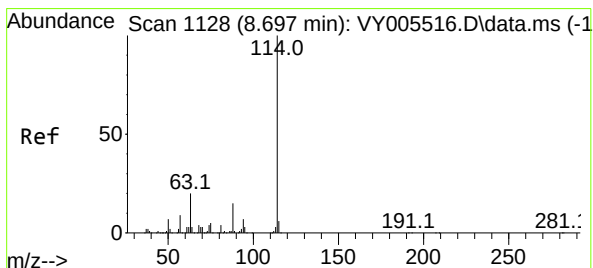
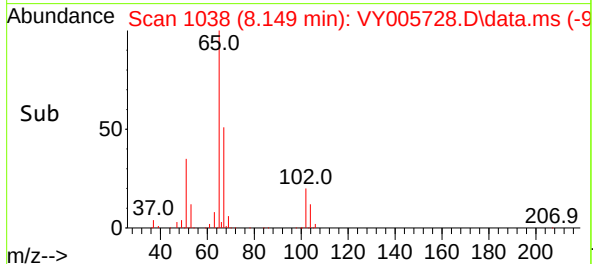
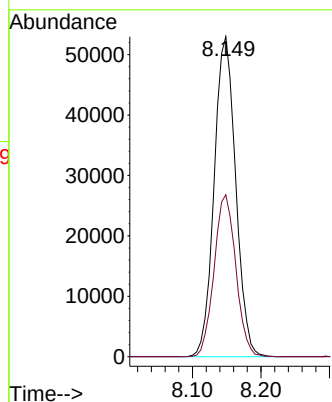
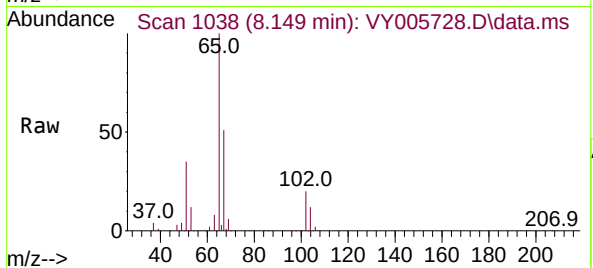




#33
1,2-Dichloroethane-d4
Concen: 60.563 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

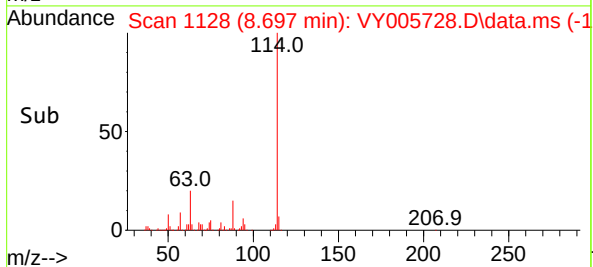
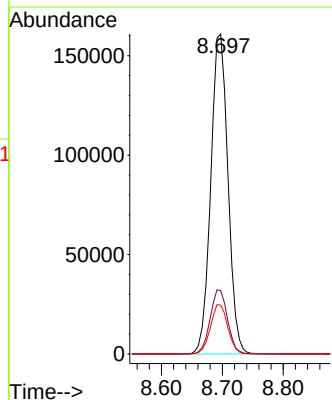
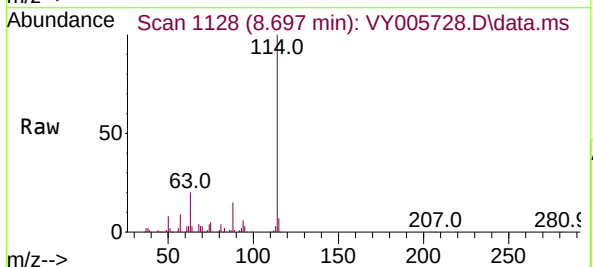
Instrument :
MSVOA_Y
ClientSampled :

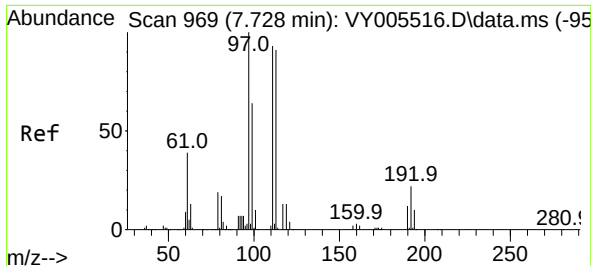
Tgt Ion: 65 Resp: 115513
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

Tgt Ion: 114 Resp: 315708
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.3 0.0 30.8

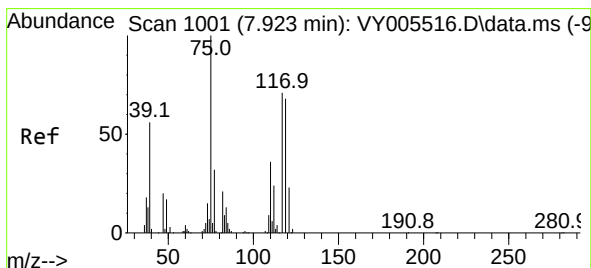
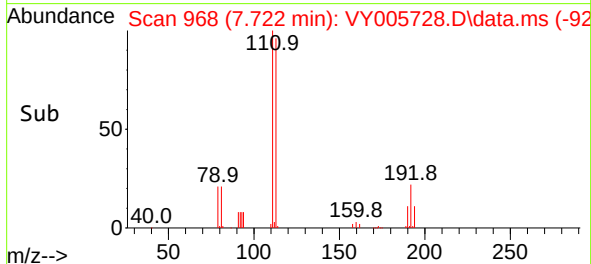
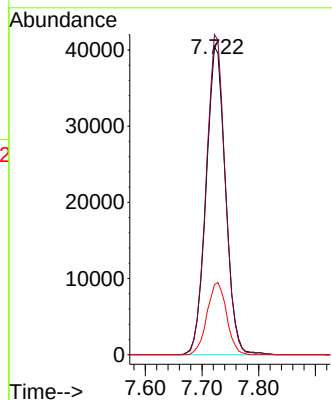
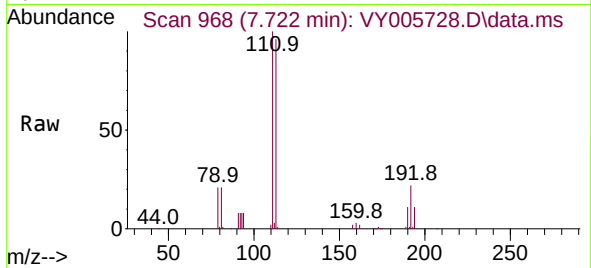




#35
Dibromofluoromethane
Concen: 54.378 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

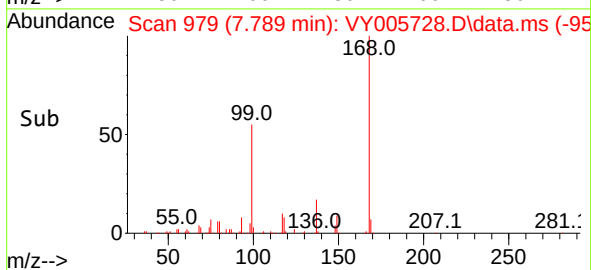
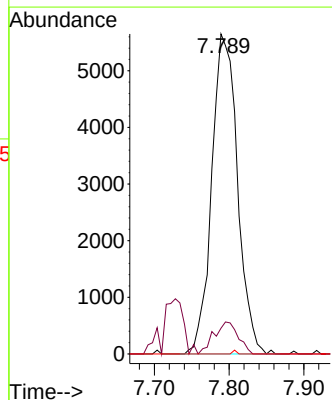
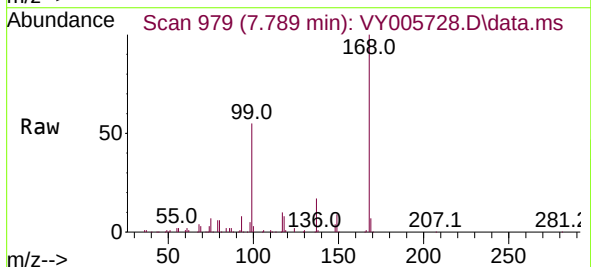
Instrument :
MSVOA_Y
ClientSampleId :

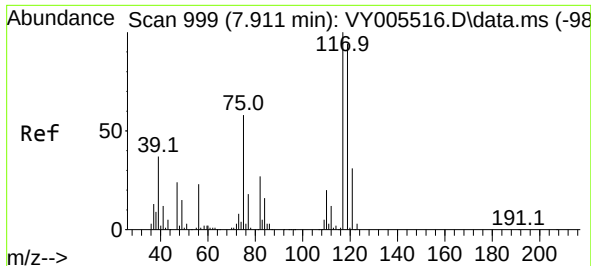
Tgt Ion:113 Resp: 96117
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 23.6 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.571 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

Tgt Ion: 75 Resp: 13535
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.1#
77 0.2 25.1 37.7#

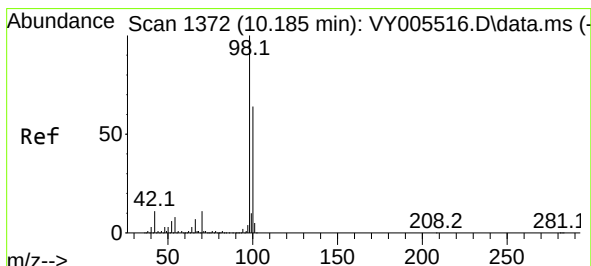
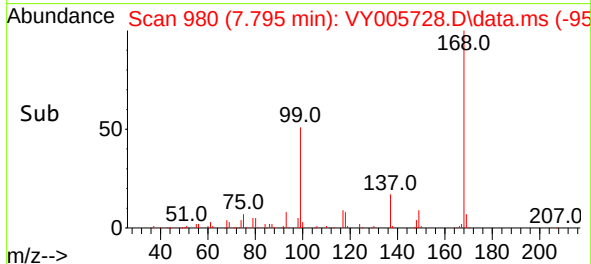
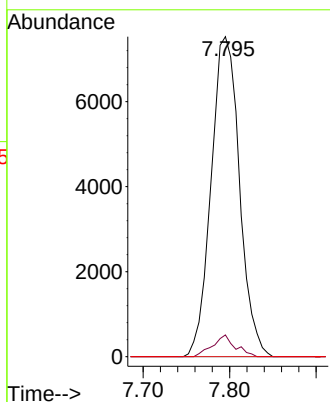
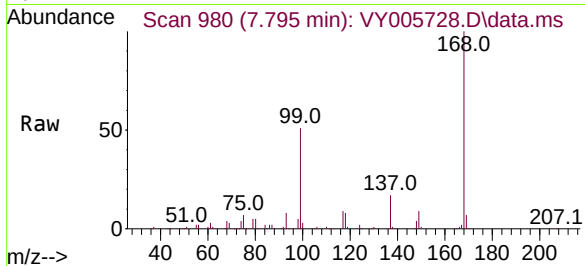




#38
Carbon Tetrachloride
Concen: 5.324 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

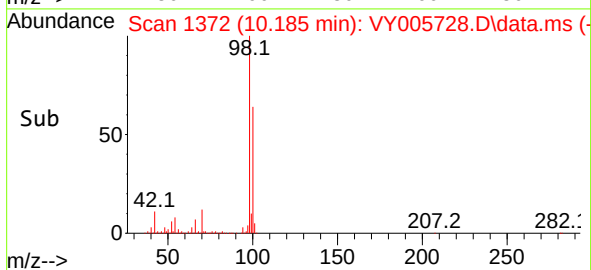
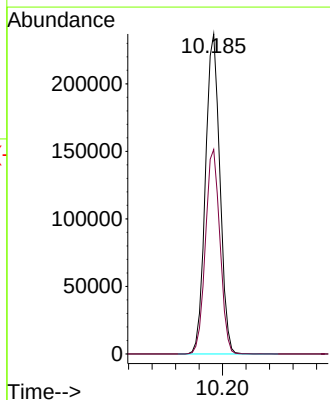
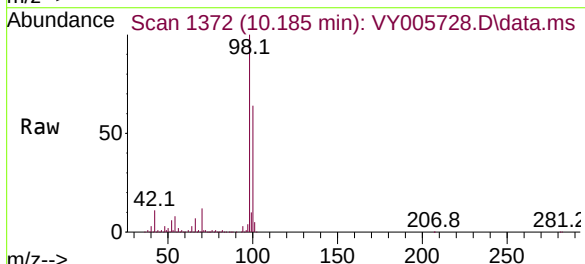
Instrument :
MSVOA_Y
ClientSampleId :

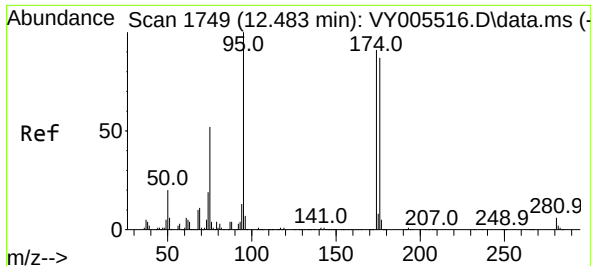
Tgt Ion:117 Resp: 17134
Ion Ratio Lower Upper
117 100
119 6.8 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.456 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

Tgt Ion: 98 Resp: 403684
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9

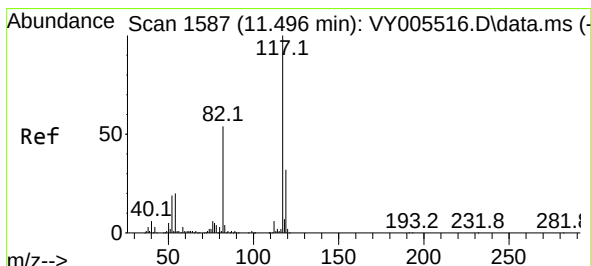
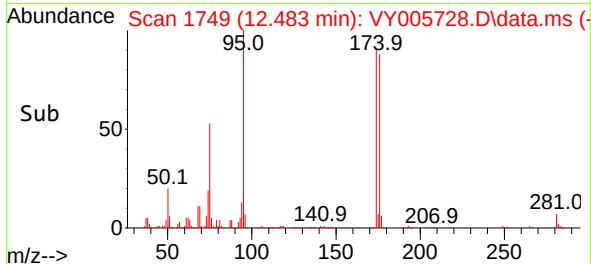
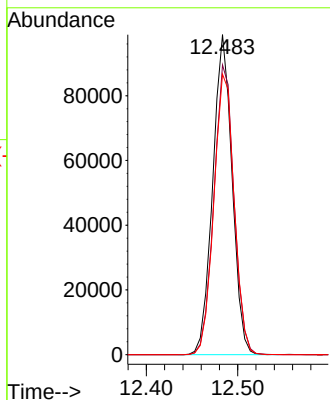
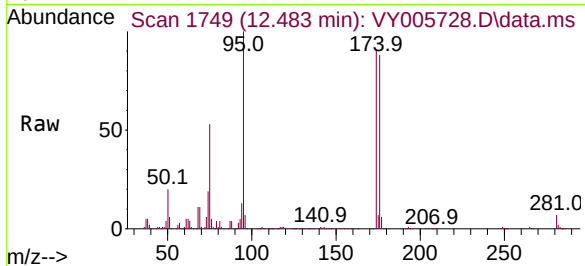




#62
4-Bromofluorobenzene
Concen: 59.292 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

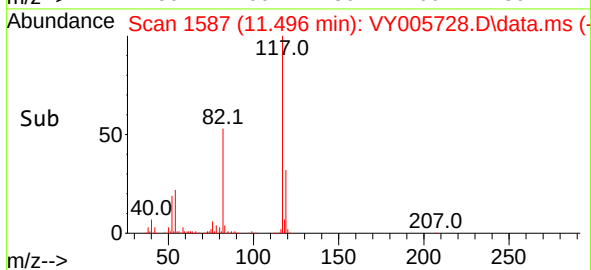
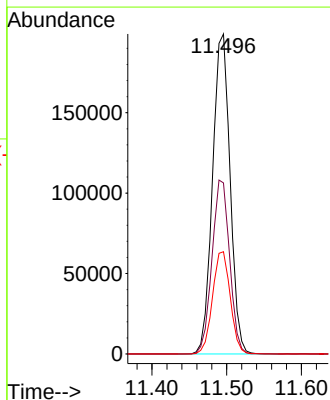
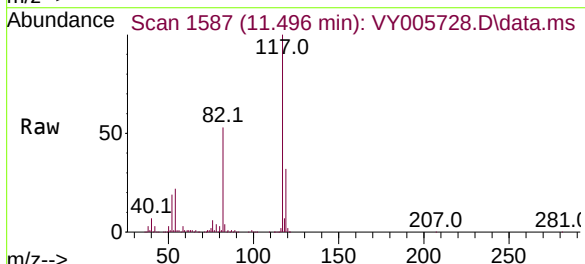
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ClientSampled :

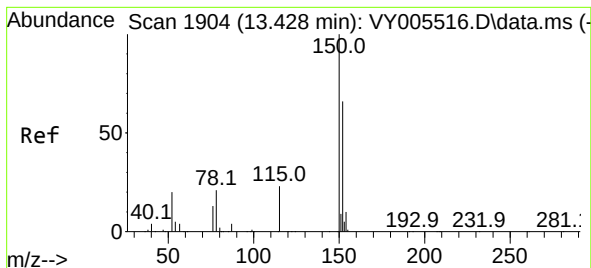
Tgt Ion: 95 Resp: 145552
Ion Ratio Lower Upper
95 100
174 93.8 0.0 191.4
176 92.0 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005728.D
Acq: 18 Aug 2021 10:40

Tgt Ion: 117 Resp: 324183
Ion Ratio Lower Upper
117 100
82 53.5 43.5 65.3
119 31.9 25.5 38.3

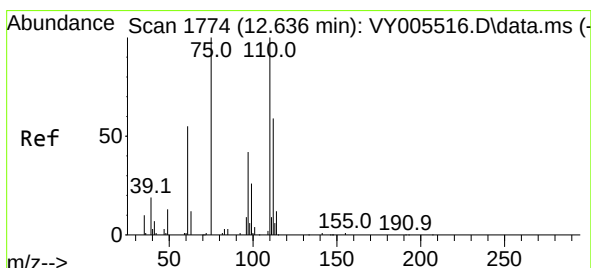
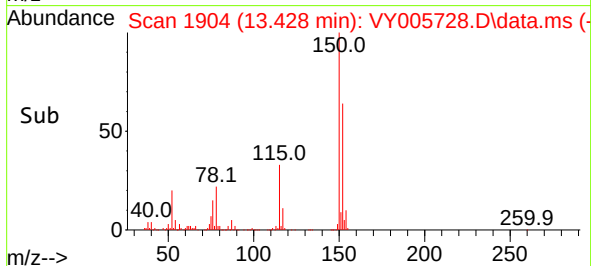
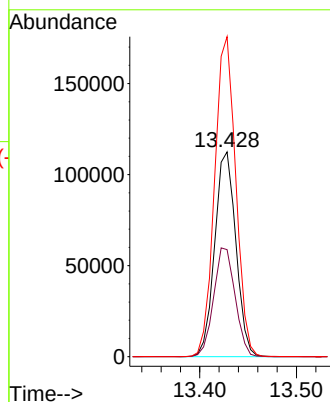
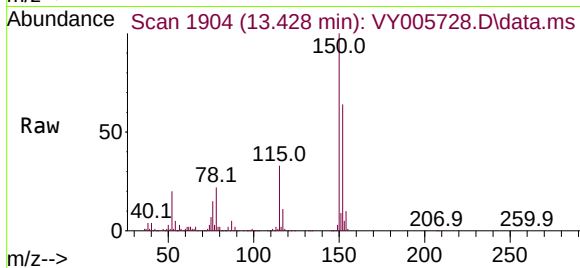




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005728.D
 Acq: 18 Aug 2021 10:40

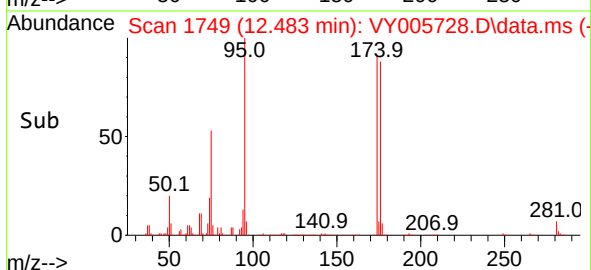
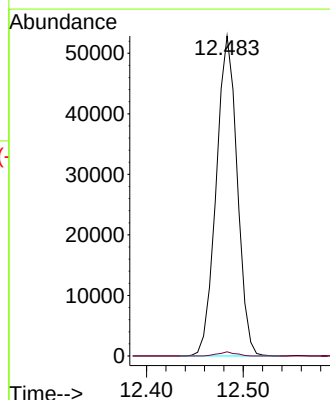
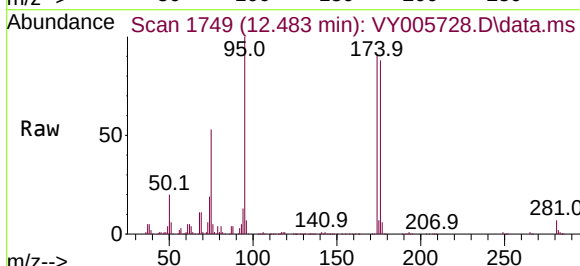
Instrument :
 MSVOA_Y
 ClientSampled :

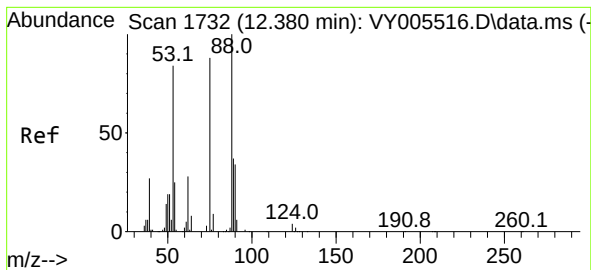
Tgt Ion:152 Resp: 170904
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.3 81.9
 150 155.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 44.941 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005728.D
 Acq: 18 Aug 2021 10:40

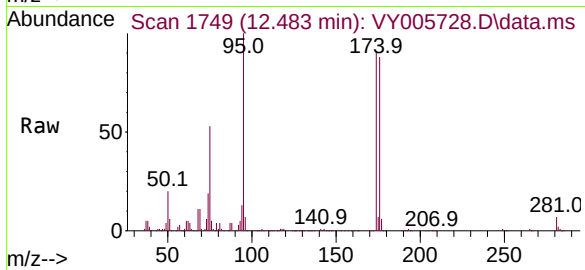
Tgt Ion: 75 Resp: 79593
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.595 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005728.D
 Acq: 18 Aug 2021 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :



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

