

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005678.D
 Acq On : 16 Aug 2021 18:14
 Operator : SY/MD
 Sample : M3389-06
 Misc : 5.16G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-18

Quant Time: Aug 17 05:20:47 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)

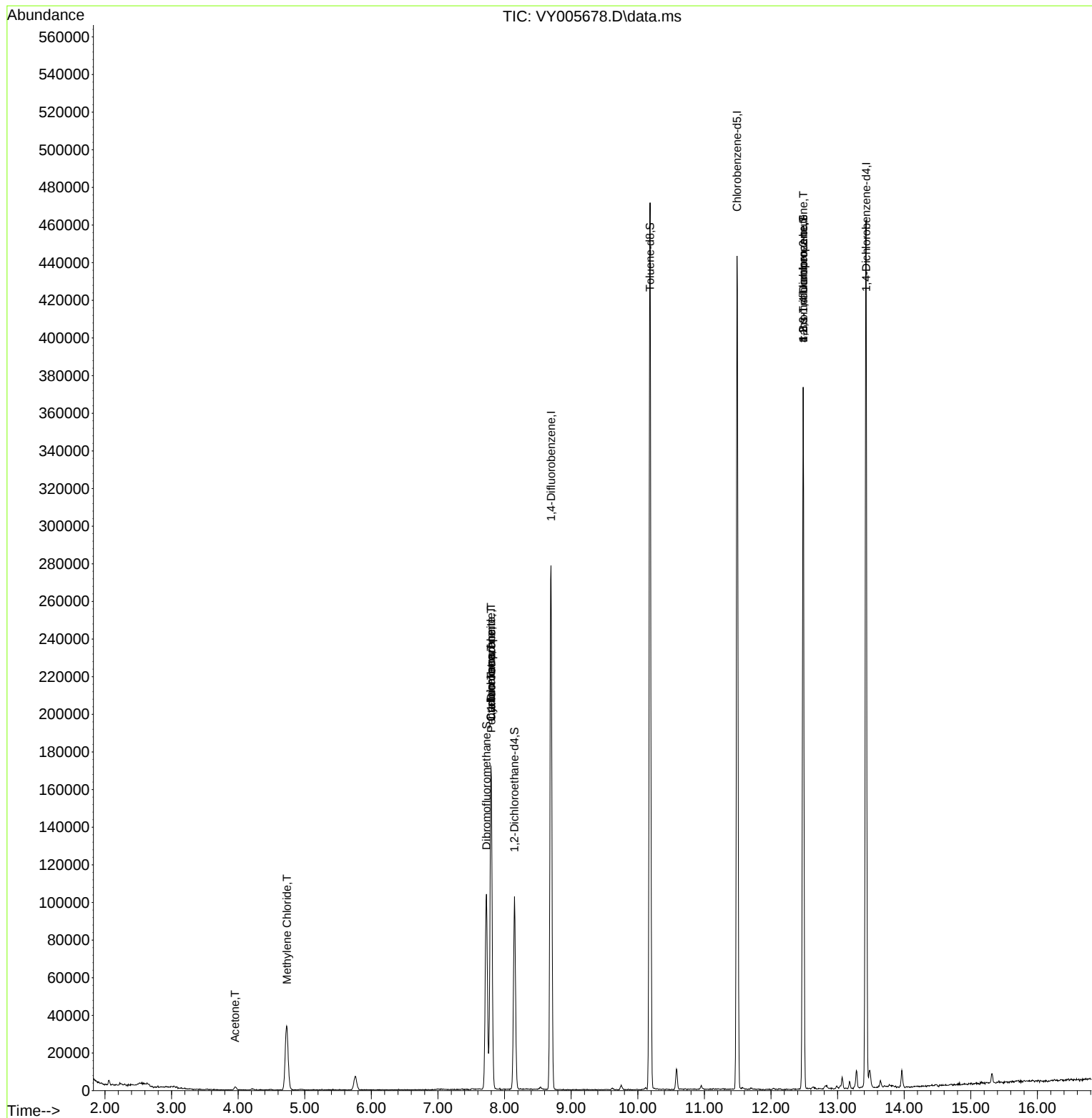
Internal Standards						
1) Pentafluorobenzene	7.801	168	140588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	233516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81166	57.035	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.060%			
35) Dibromofluoromethane	7.728	113	69614	52.533	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.060%			
50) Toluene-d8	10.185	98	301122	54.182	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.360%			
62) 4-Bromofluorobenzene	12.483	95	102174	55.517	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.040%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	2810	7.832	ug/l #	87
20) Methylene Chloride	4.735	84	25453	13.466	ug/l	91
31) Cyclohexane	7.795	56	2893	1.185	ug/l #	28
36) 1,1-Dichloropropene	7.795	75	10119	4.558	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12843	5.323	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	56338	45.471	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56338	91.664	ug/l #	11

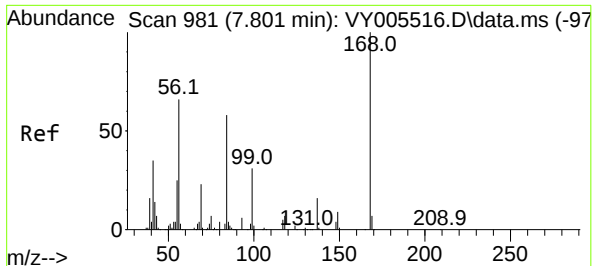
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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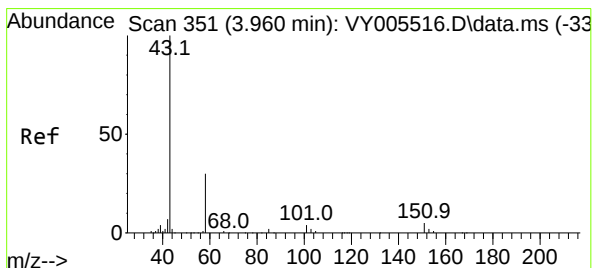
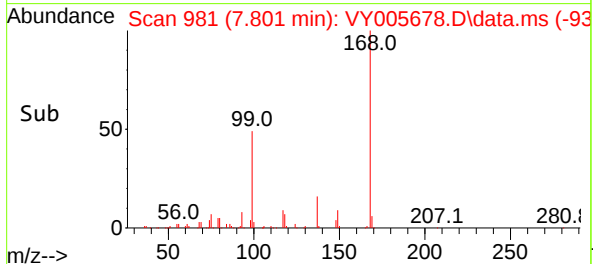
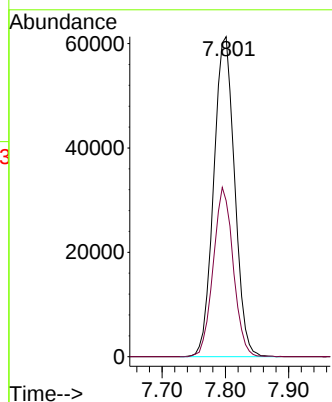
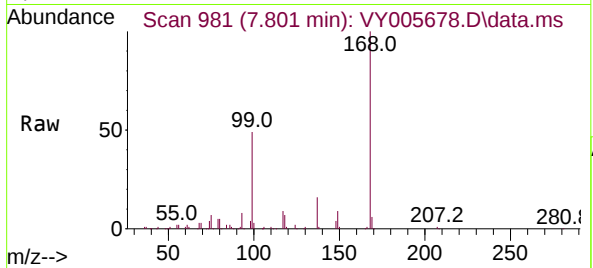




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

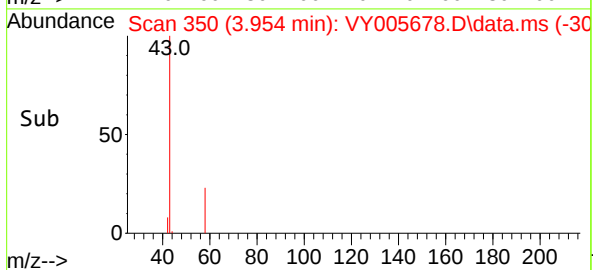
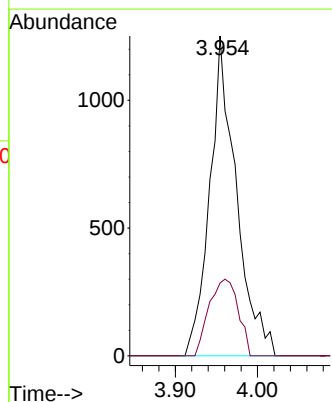
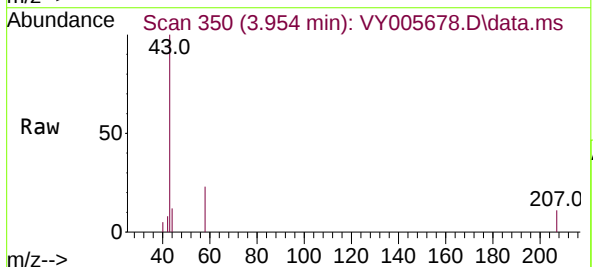
Instrument :
MSVOA_Y
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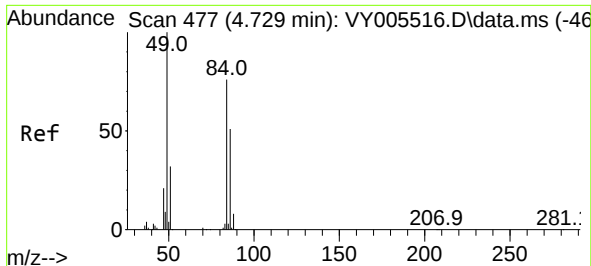
Tgt Ion:168 Resp: 140588
Ion Ratio Lower Upper
168 100
99 48.8 38.9 58.3



#16
Acetone
Concen: 7.832 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

Tgt Ion: 43 Resp: 2810
Ion Ratio Lower Upper
43 100
58 22.8 23.8 35.6#

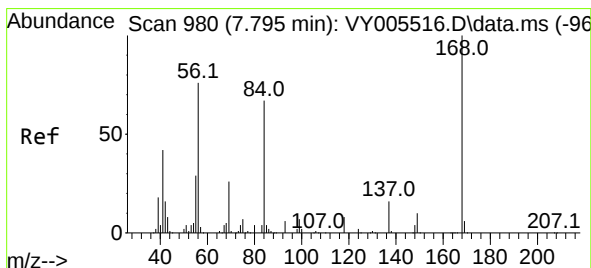
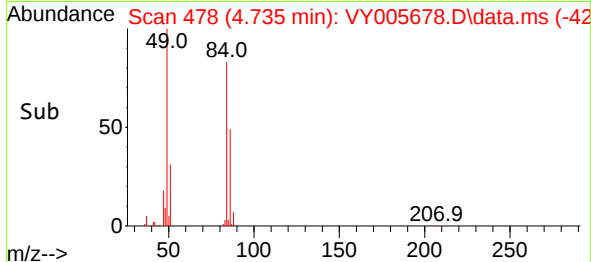
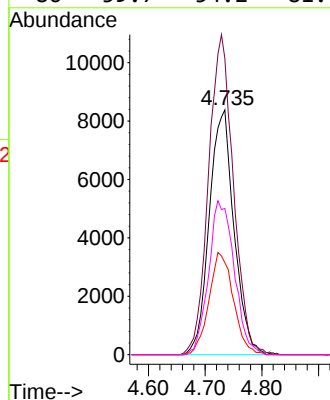
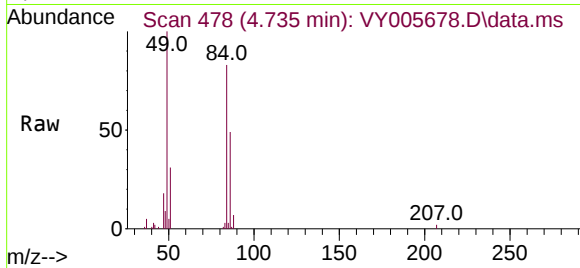




#20
Methylene Chloride
Concen: 13.466 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

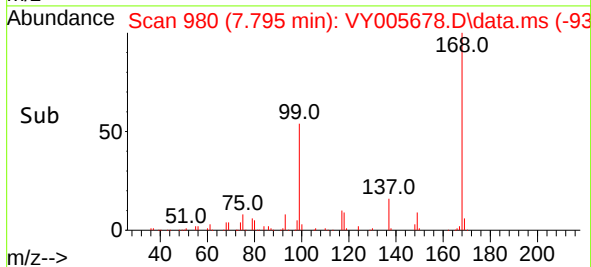
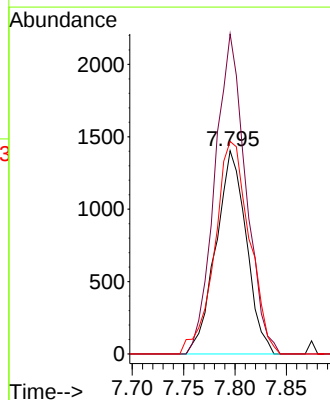
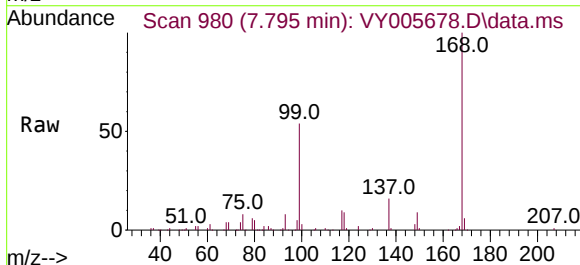
Instrument :
MSVOA_Y
ClientSampled :
CRT-18

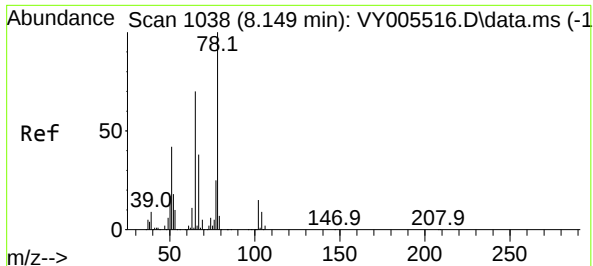
Tgt Ion:	84	Resp:	25453
Ion	Ratio	Lower	Upper
84	100		
49	121.1	105.8	158.6
51	37.6	33.4	50.2
86	59.7	54.2	81.4



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

Tgt Ion:	56	Resp:	2893
Ion	Ratio	Lower	Upper
56	100		
69	157.5	27.7	41.5#
84	104.6	70.9	106.3

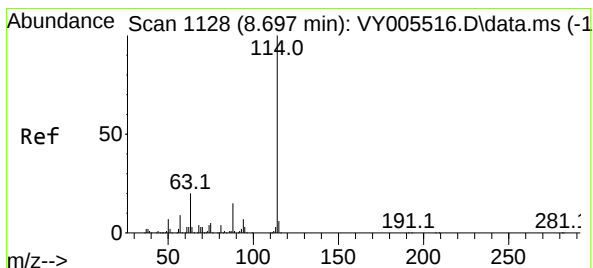
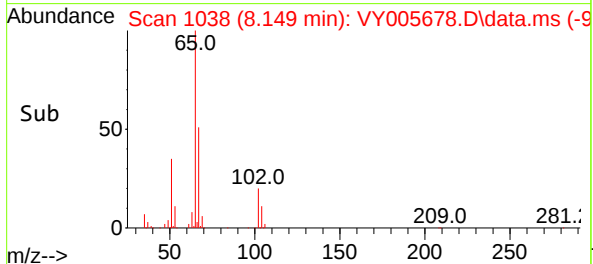
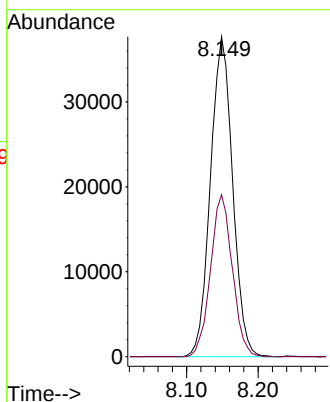
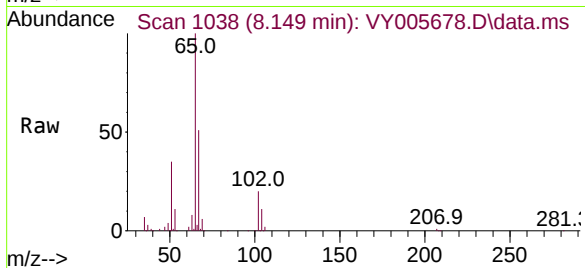




#33
1,2-Dichloroethane-d4
Concen: 57.035 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

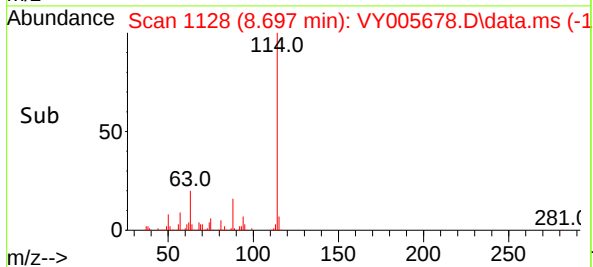
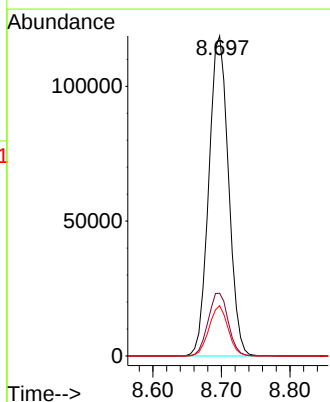
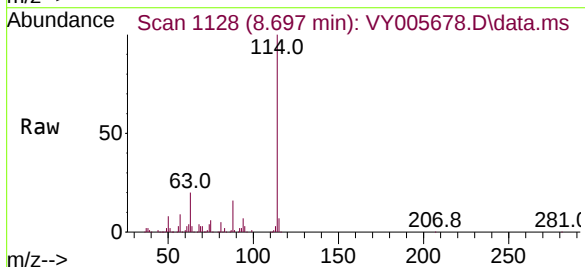
Instrument :
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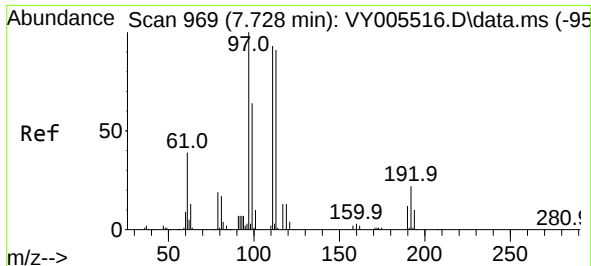
Tgt Ion: 65 Resp: 81166
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

Tgt Ion:114 Resp: 236688
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 15.7 0.0 30.8

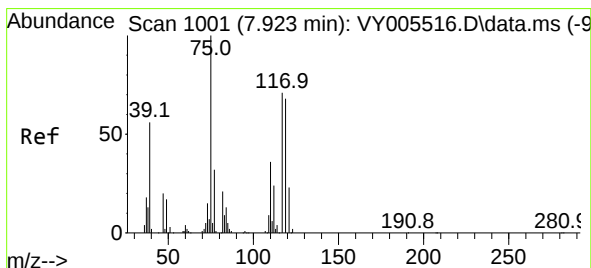
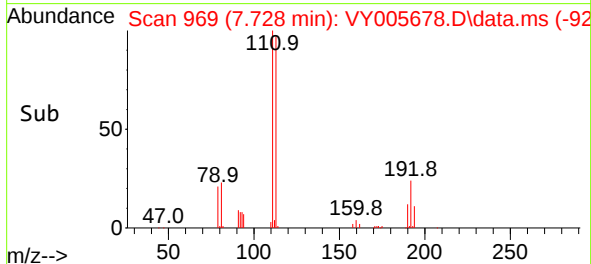
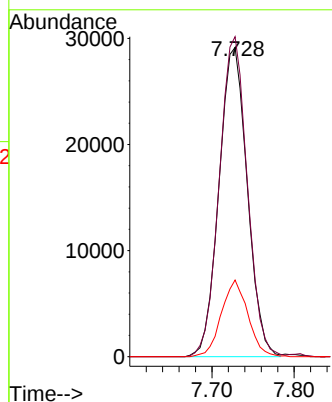
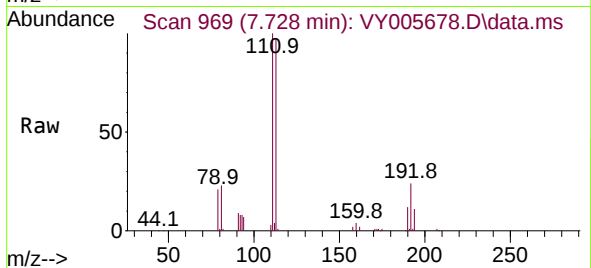




#35
Dibromofluoromethane
Concen: 52.533 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

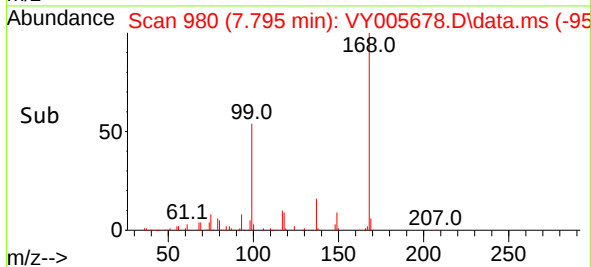
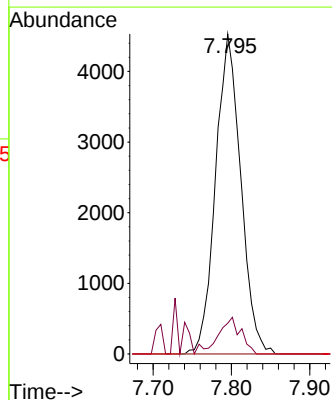
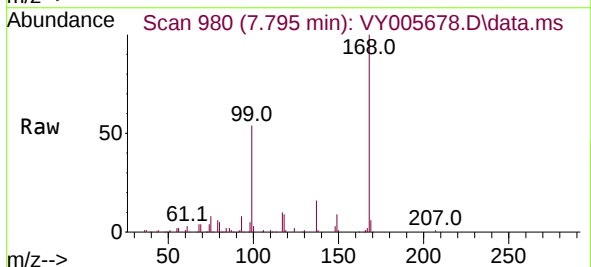
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ClientSampled :
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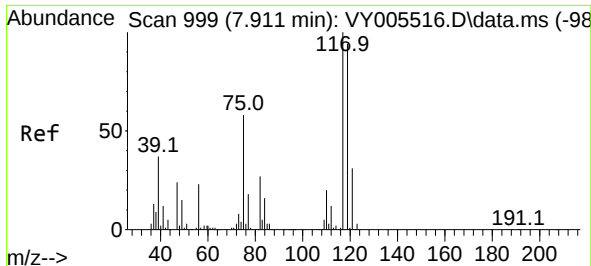
Tgt Ion:113 Resp: 69614
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 23.3 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

Tgt Ion: 75 Resp: 10119
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 25.1 37.7#

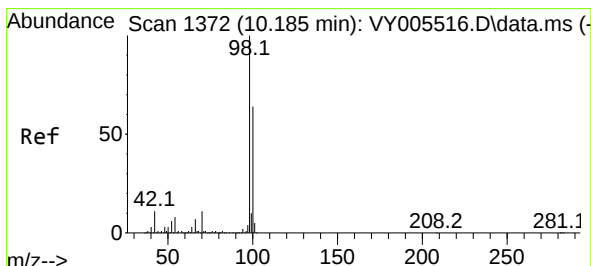
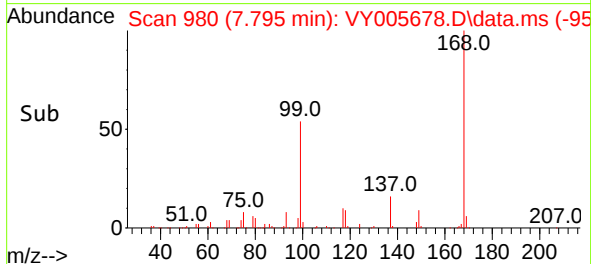
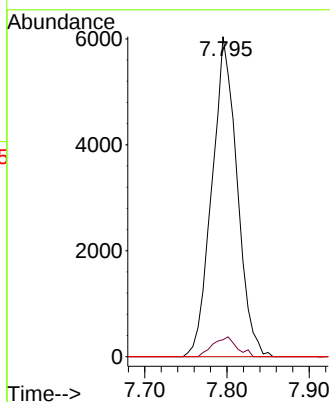
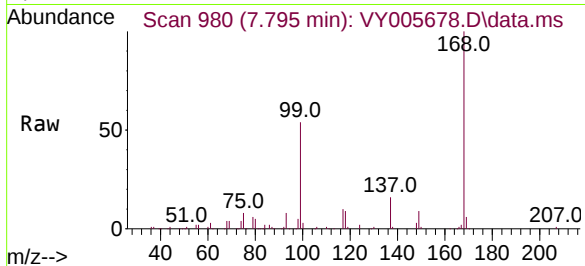




#38
Carbon Tetrachloride
Concen: 5.323 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

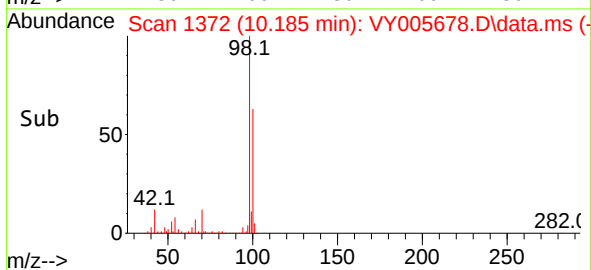
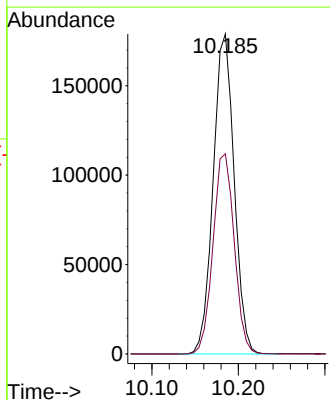
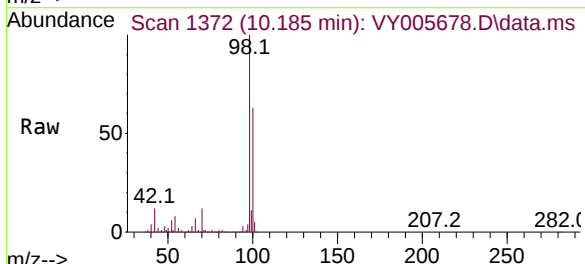
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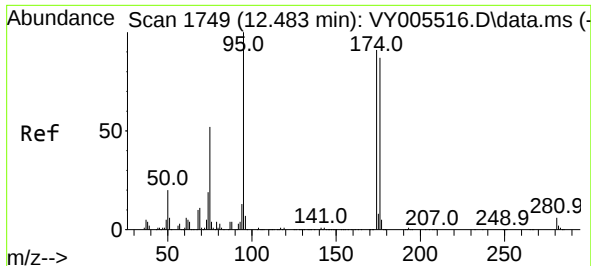
Tgt Ion:117 Resp: 12843
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.182 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

Tgt Ion: 98 Resp: 301122
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9

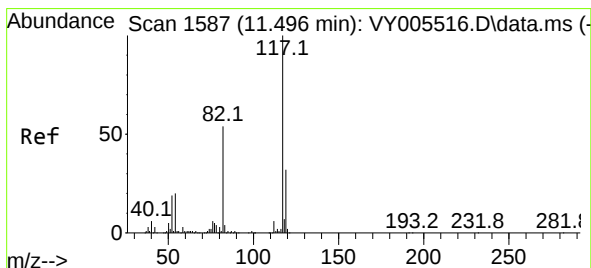
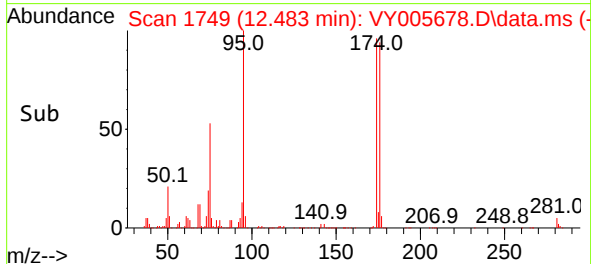
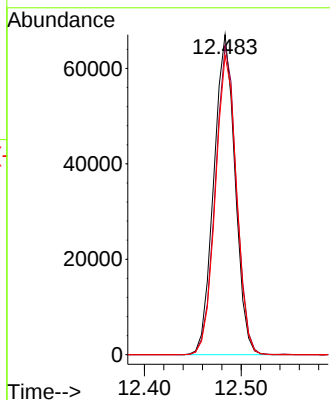
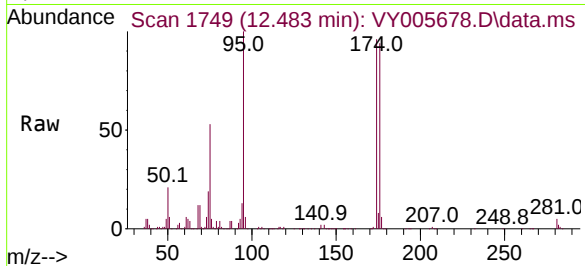




#62
4-Bromofluorobenzene
Concen: 55.517 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

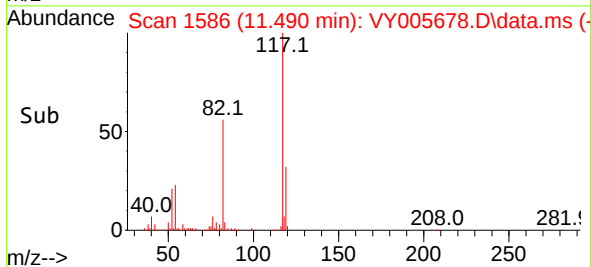
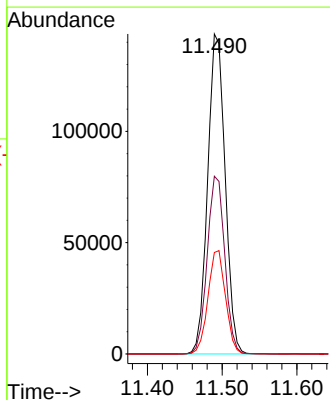
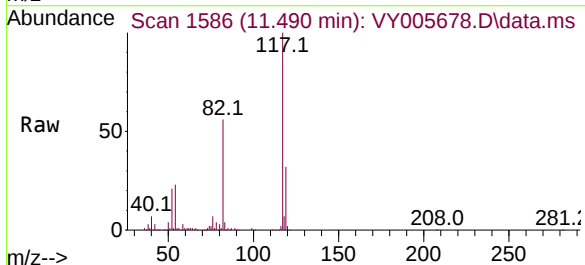
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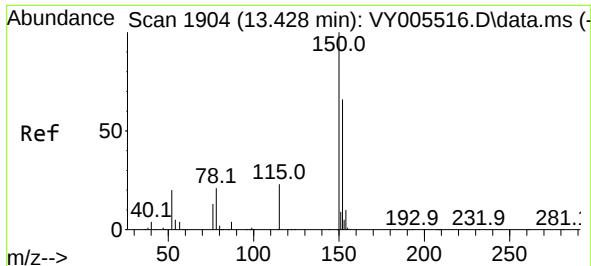
Tgt Ion:	95	Resp:	102174
Ion Ratio	Lower	Upper	
95	100		
174	96.0	0.0	191.4
176	93.0	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005678.D
Acq: 16 Aug 2021 18:14

Tgt Ion:	117	Resp:	233516
Ion Ratio	Lower	Upper	
117	100		
82	55.6	43.5	65.3
119	31.7	25.5	38.3

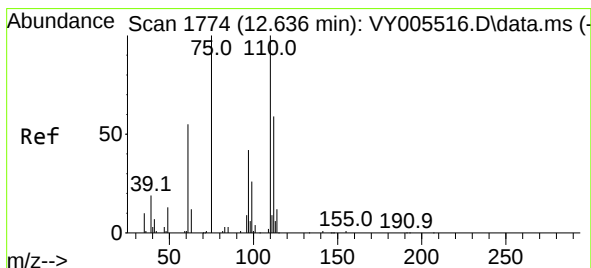
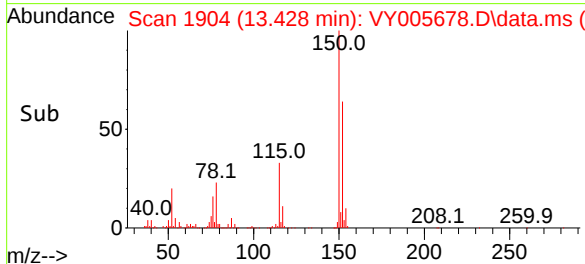
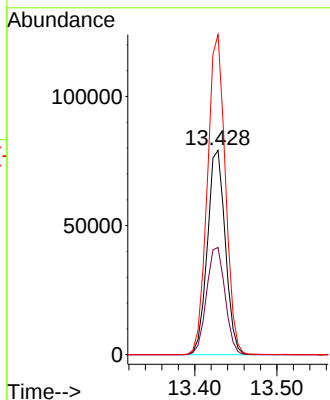
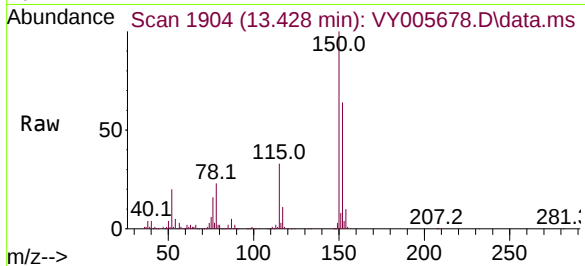




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005678.D
 Acq: 16 Aug 2021 18:14

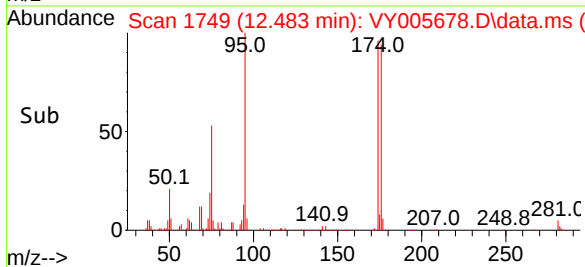
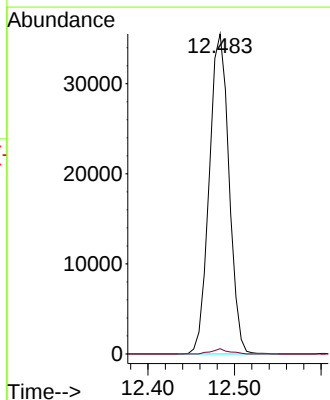
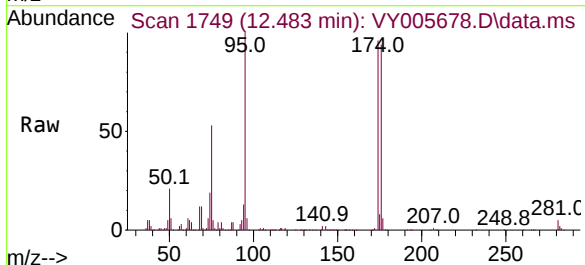
Instrument :
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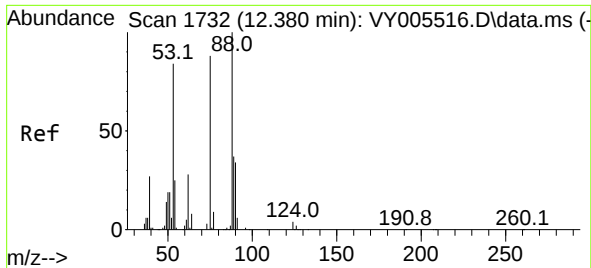
Tgt Ion:152 Resp: 119559
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.3 81.9
 150 156.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.471 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005678.D
 Acq: 16 Aug 2021 18:14

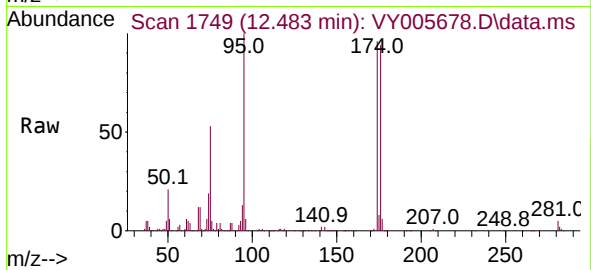
Tgt Ion: 75 Resp: 56338
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.664 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005678.D
 Acq: 16 Aug 2021 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion: 75 Resp: 56338
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.0 38.4 57.6#

