

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005604.D
 Acq On : 10 Aug 2021 18:32
 Operator : SY/MD
 Sample : M3331-03
 Misc : 6.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:38:48 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)

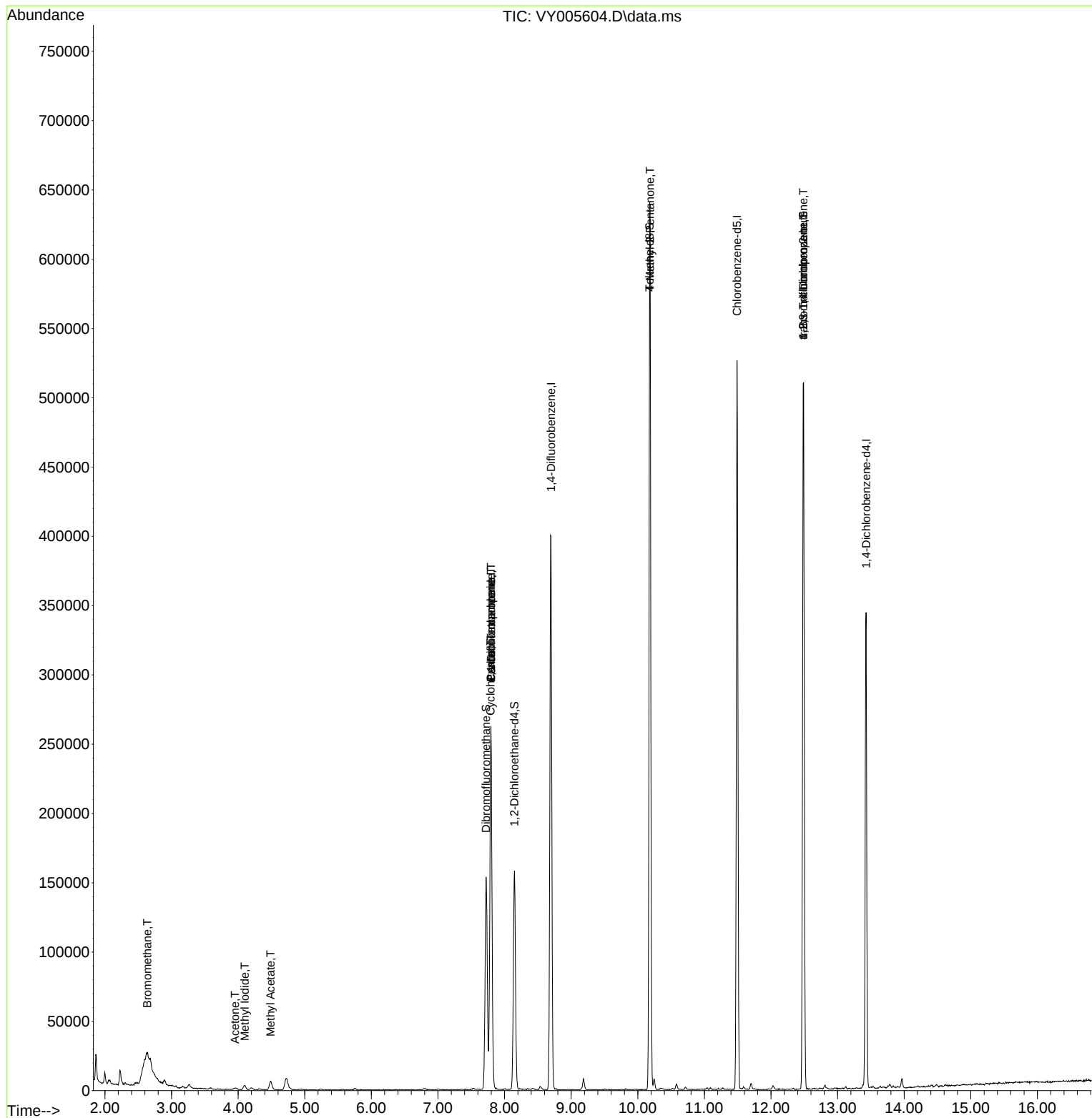
Internal Standards						
1) Pentafluorobenzene	7.795	168	206497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	340050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126995	60.76	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.52%			
35) Dibromofluoromethane	7.722	113	103242	54.23	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.46%			
50) Toluene-d8	10.179	98	416274	52.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.26%			
62) 4-Bromofluorobenzene	12.483	95	101829	38.51	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.02%			
Target Compounds						Qvalue
5) Bromomethane	2.638	94	1797	1.13	ug/l	97
10) Methyl Iodide	4.101	142	5011	2.28	ug/l	98
16) Acetone	3.954	43	2027	3.85	ug/l	93
18) Methyl Acetate	4.485	43	11982	8.69	ug/l	99
20) Methylene Chloride	4.716	84	6253	Below Cal		90
31) Cyclohexane	7.789	56	5643	1.57	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	14838	4.65	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18735	5.40	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	2112	1.10	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	57736	62.47	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57736	125.94	ug/l #	11

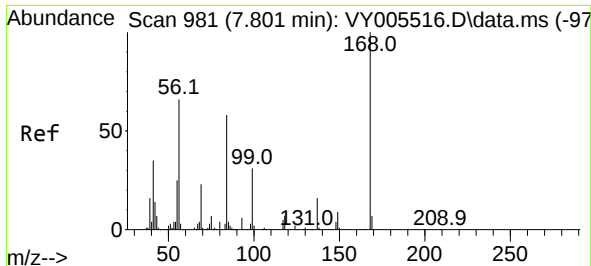
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :

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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

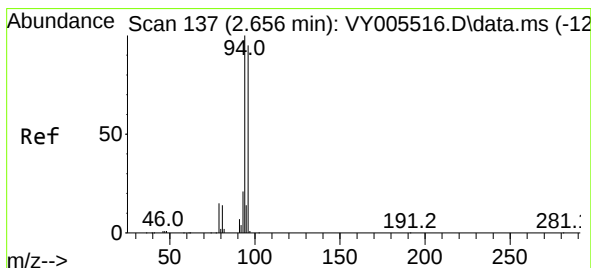
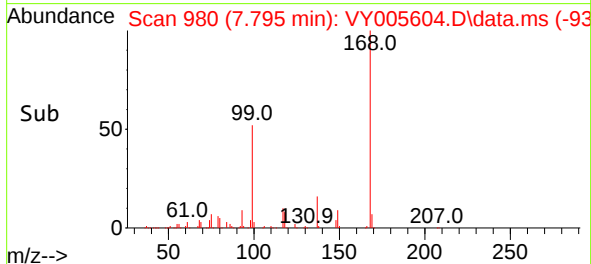
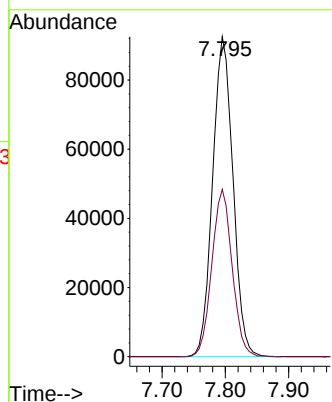
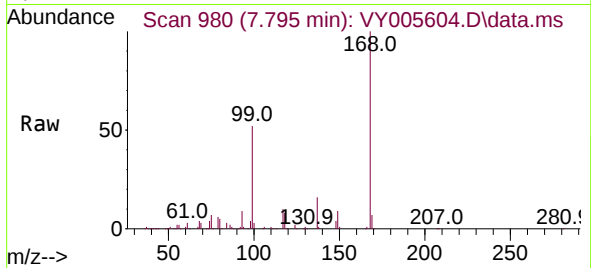




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

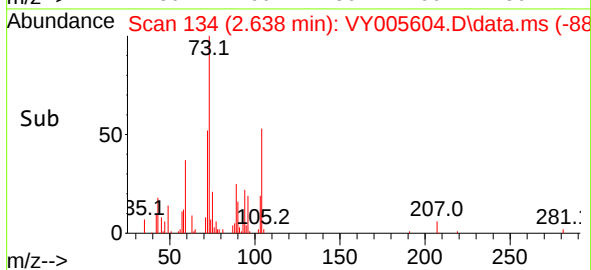
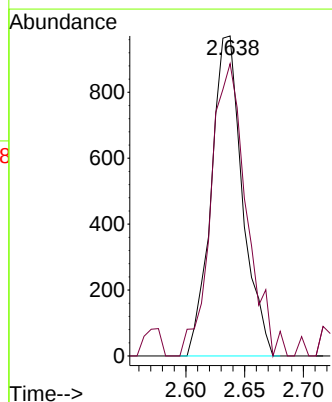
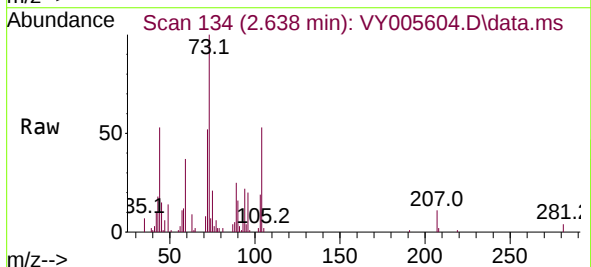
Instrument :
MSVOA_Y
ClientSampled :

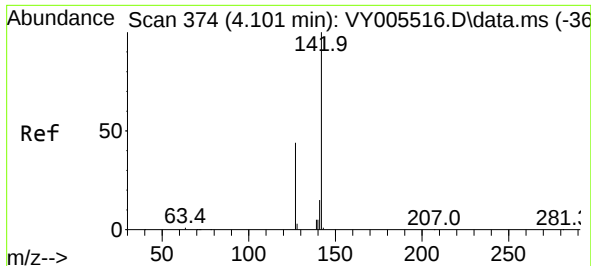
Tgt Ion:168 Resp: 206497
Ion Ratio Lower Upper
168 100
99 52.3 38.9 58.3



#5
Bromomethane
Concen: 1.13 ug/l
RT: 2.638 min Scan# 134
Delta R.T. -0.018 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

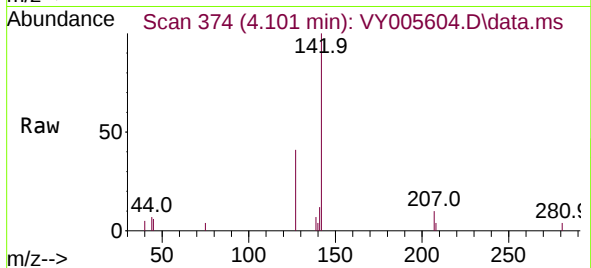
Tgt Ion: 94 Resp: 1797
Ion Ratio Lower Upper
94 100
96 91.3 75.7 113.5



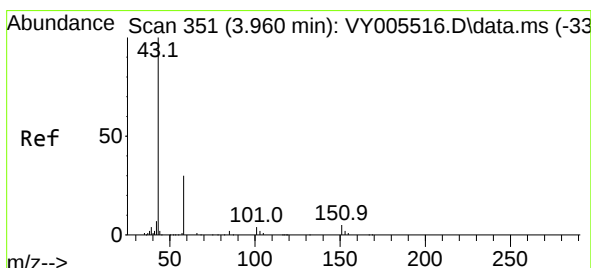
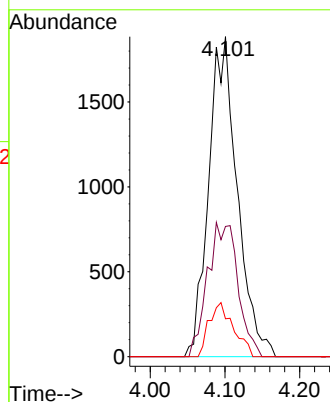
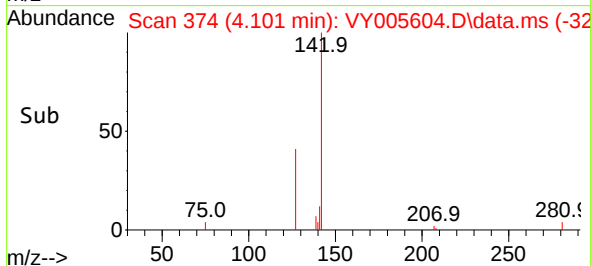


#10
Methyl Iodide
Concen: 2.28 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

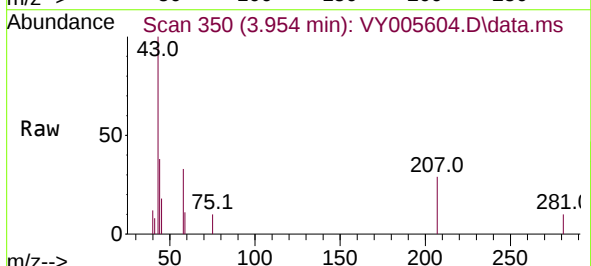
Instrument :
MSVOA_Y
ClientSampled :



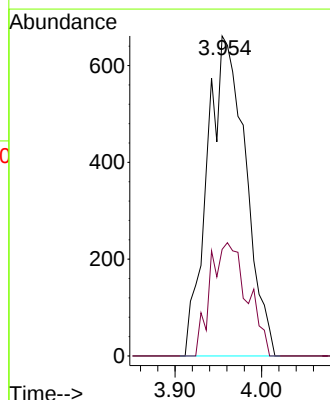
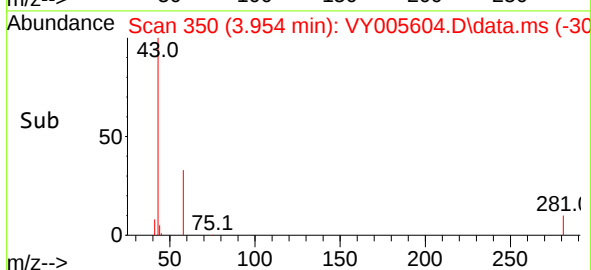
Tgt Ion:142 Resp: 5011
Ion Ratio Lower Upper
142 100
127 44.4 36.6 54.8
141 14.4 12.2 18.4

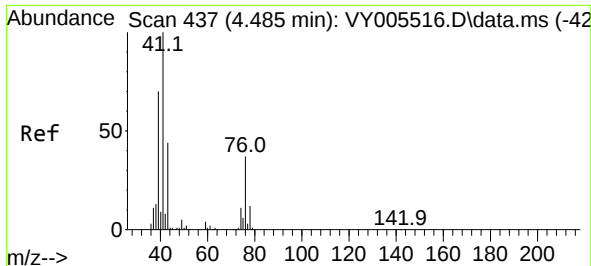


#16
Acetone
Concen: 3.85 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32



Tgt Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
58 33.3 23.8 35.6

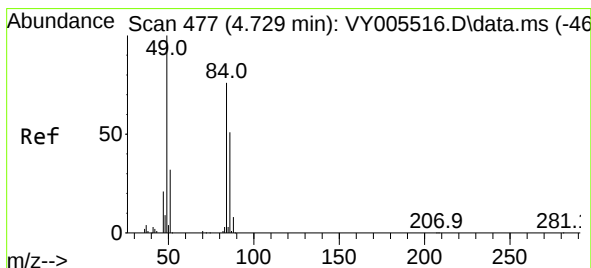
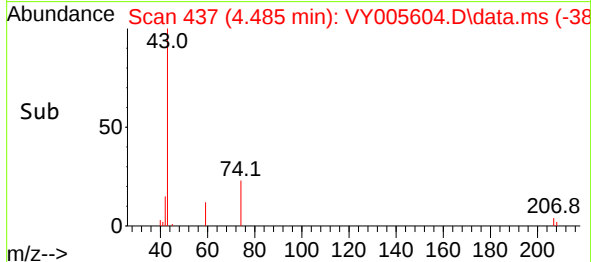
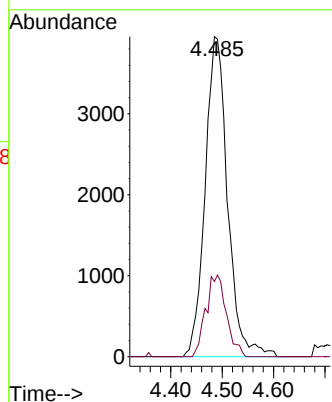
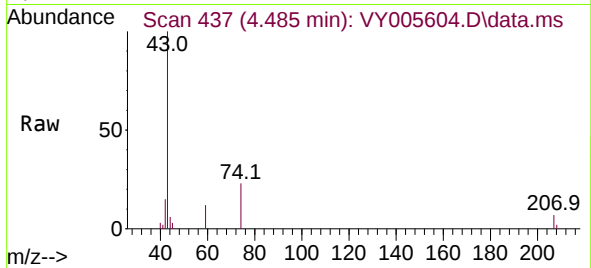




#18
Methyl Acetate
Concen: 8.69 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

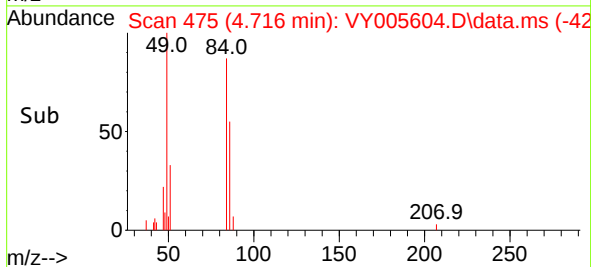
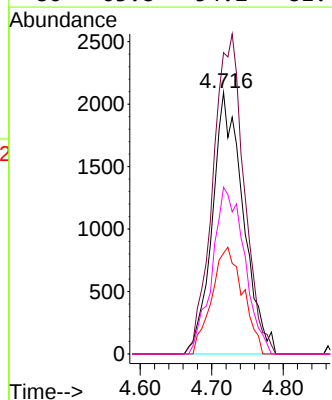
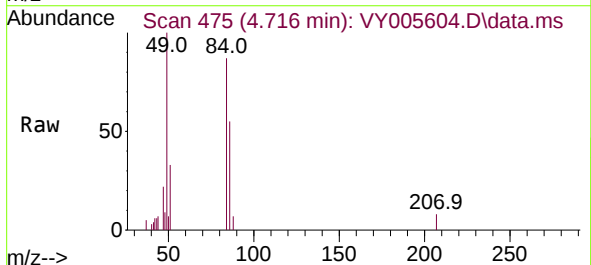
Instrument :
MSVOA_Y
ClientSampled :

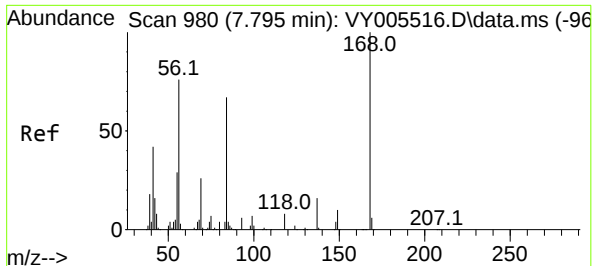
Tgt Ion: 43 Resp: 11982
Ion Ratio Lower Upper
43 100
74 23.3 19.0 28.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

Tgt Ion: 84 Resp: 6253
Ion Ratio Lower Upper
84 100
49 115.2 105.8 158.6
51 38.5 33.4 50.2
86 63.8 54.2 81.4

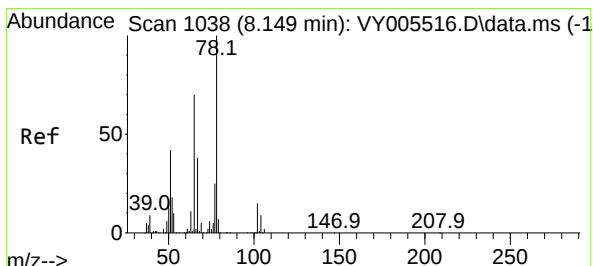
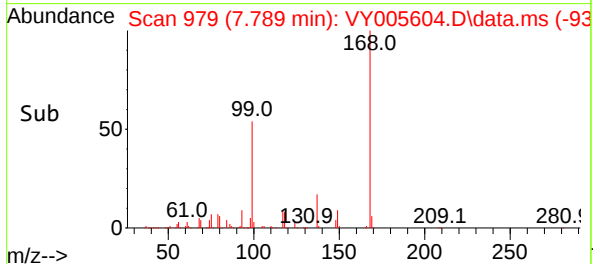
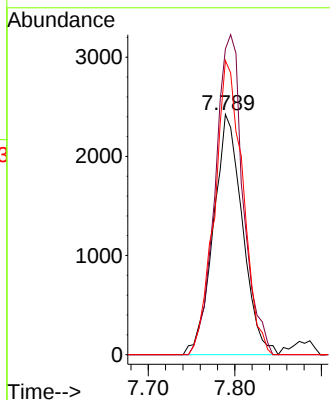
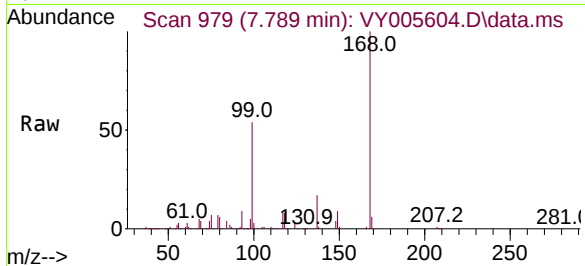




#31
Cyclohexane
Concen: 1.57 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

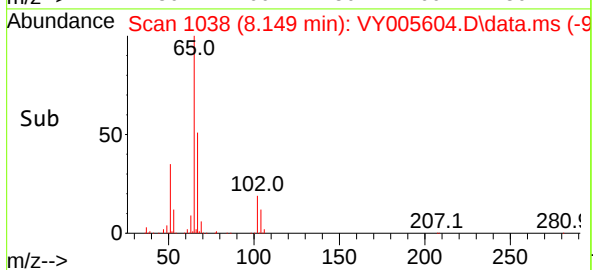
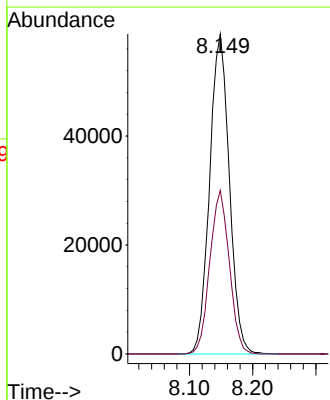
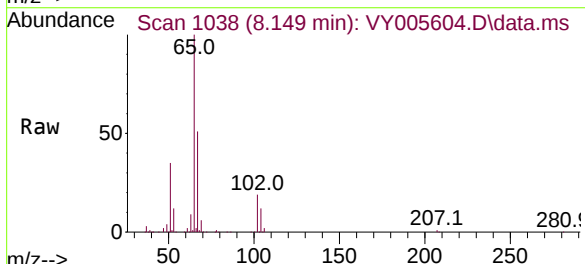
Instrument :
MSVOA_Y
ClientSampleId :

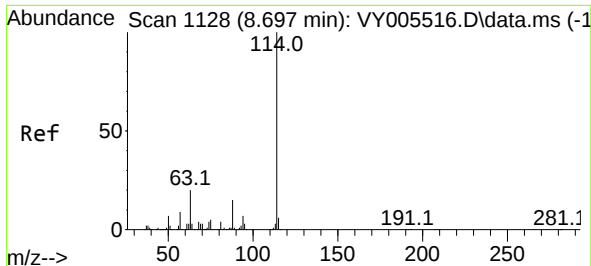
Tgt Ion: 56 Resp: 5643
Ion Ratio Lower Upper
56 100
69 127.3 27.7 41.5#
84 122.4 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 60.76 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

Tgt Ion: 65 Resp: 126995
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4

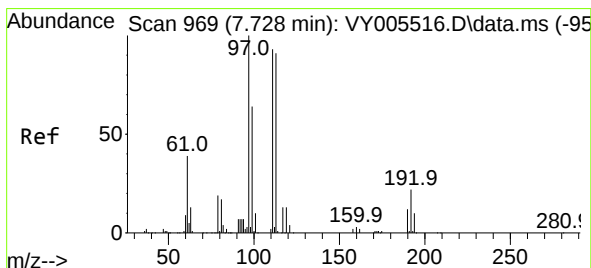
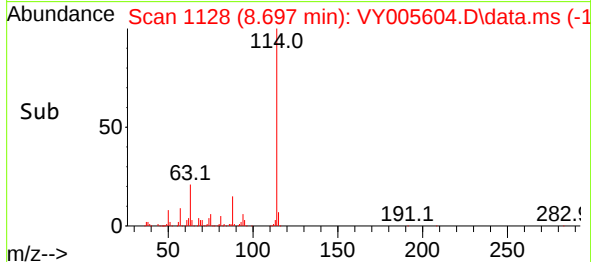
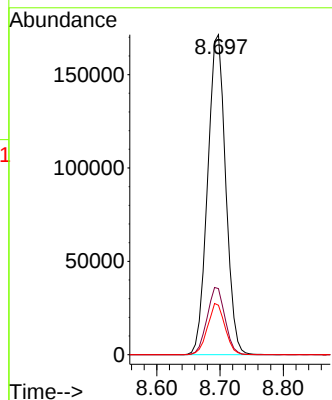
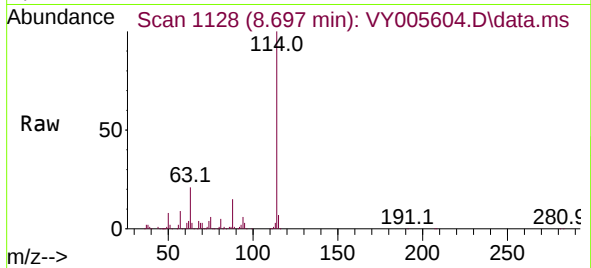




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

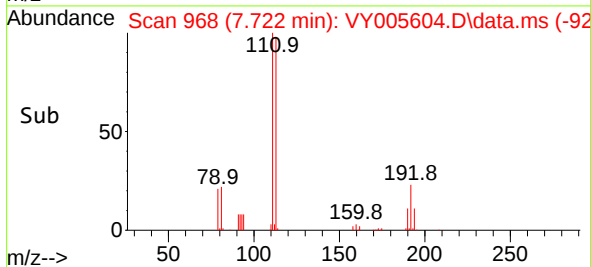
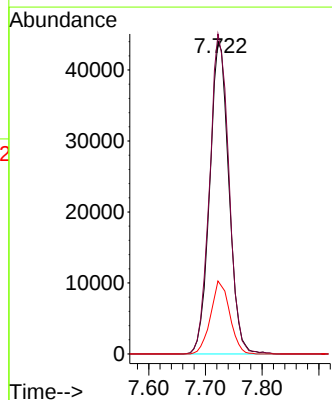
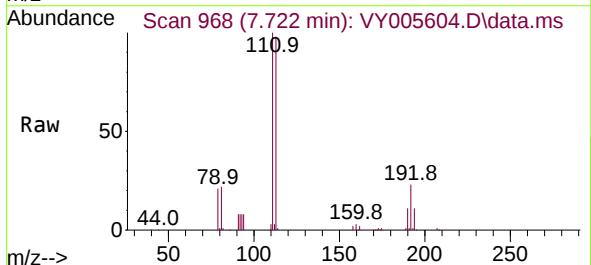
Instrument :
MSVOA_Y
ClientSampleId :

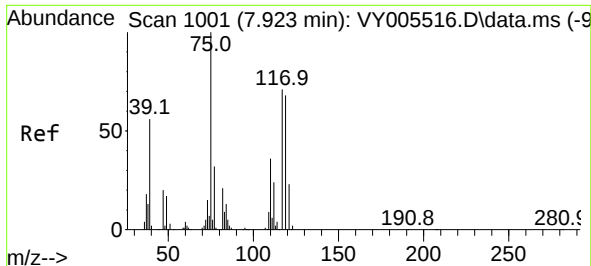
Tgt Ion:114 Resp: 340050
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.23 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

Tgt Ion:113 Resp: 103242
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 23.2 19.2 28.8

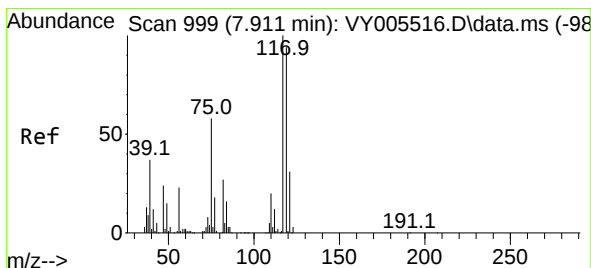
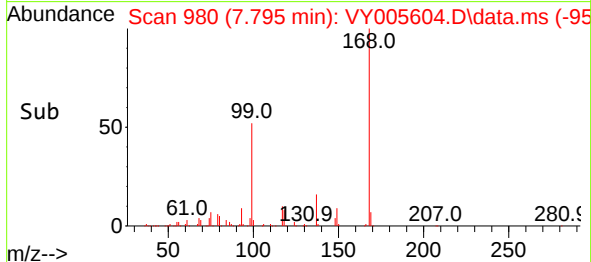
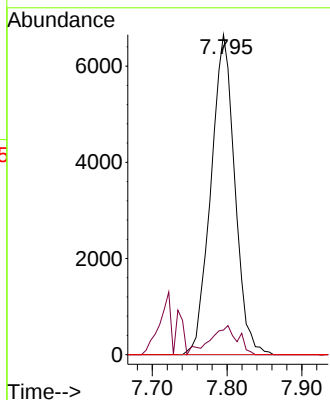
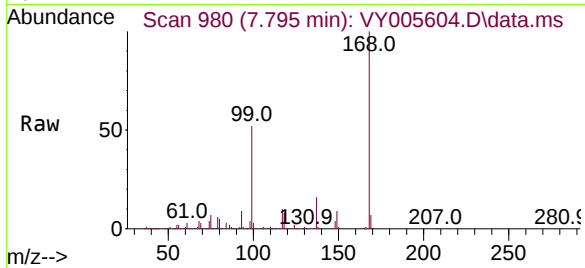




#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

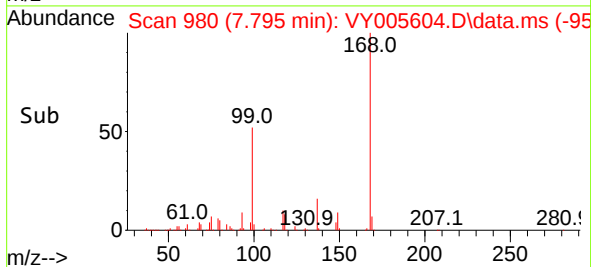
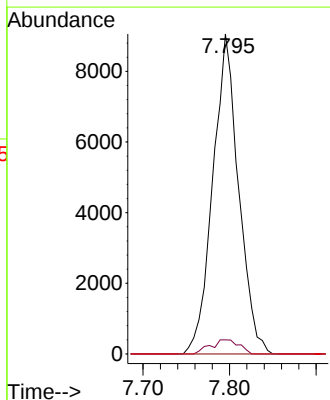
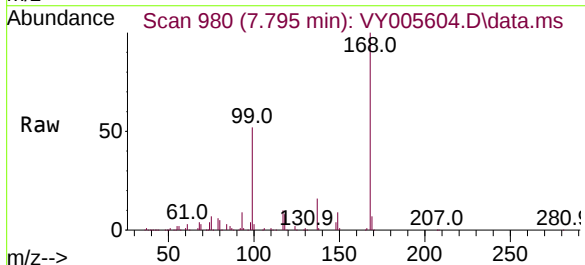
Instrument :
MSVOA_Y
ClientSampleId :

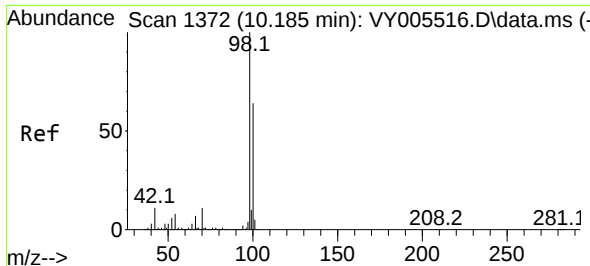
Tgt Ion: 75 Resp: 14838
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

Tgt Ion: 117 Resp: 18735
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.0#
121 0.0 25.1 37.7#

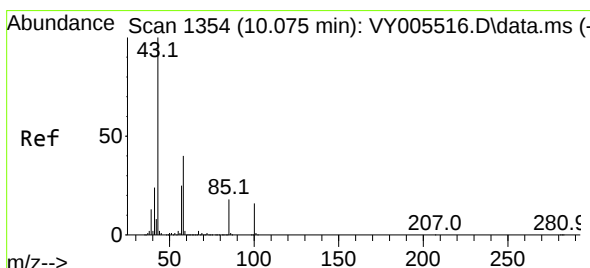
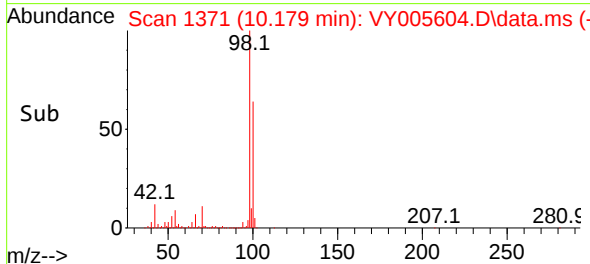
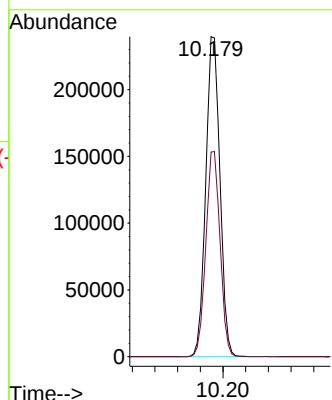
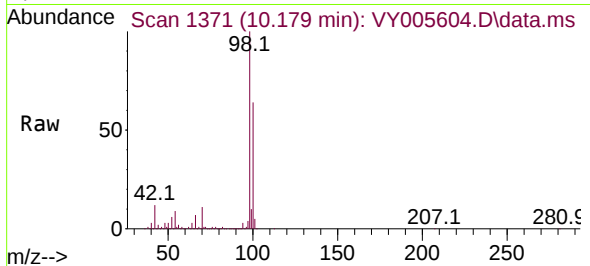




#50
Toluene-d8
Concen: 52.13 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

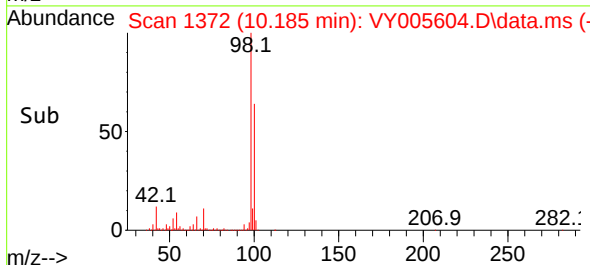
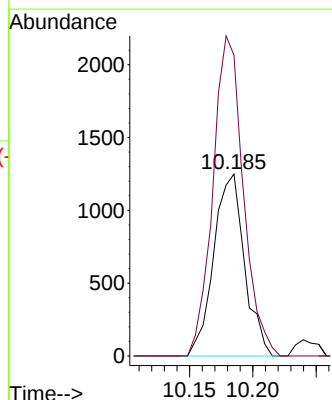
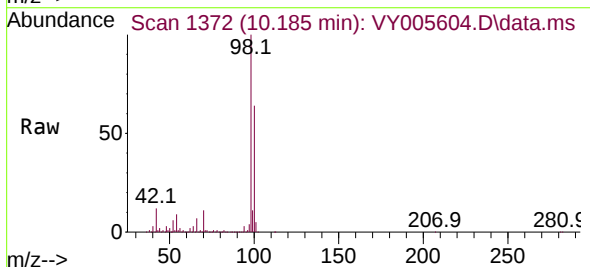
Instrument :
MSVOA_Y
ClientSampled :

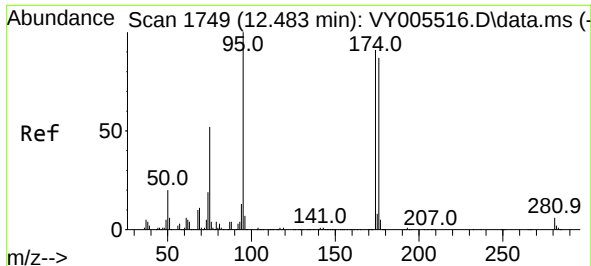
Tgt Ion: 98 Resp: 416274
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.10 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

Tgt Ion: 43 Resp: 2112
Ion Ratio Lower Upper
43 100
58 173.7 31.4 47.2#

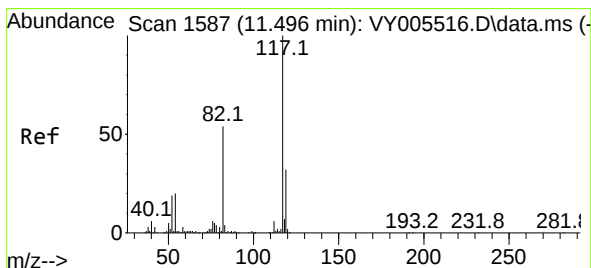
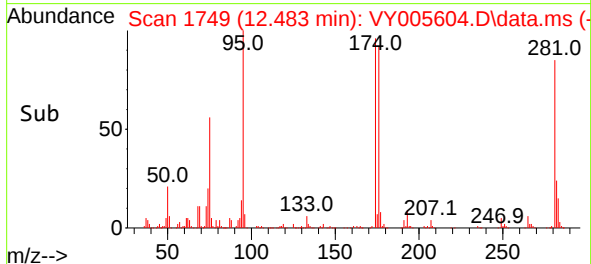
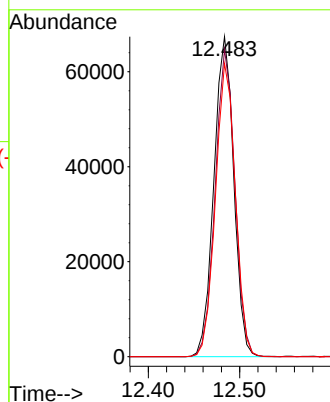
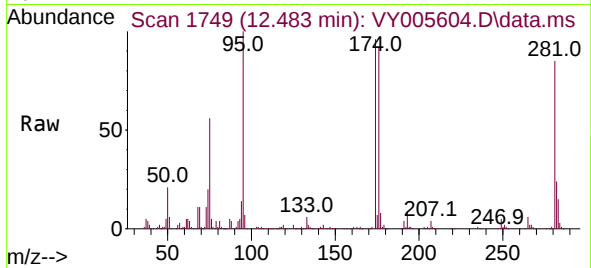




#62
4-Bromofluorobenzene
Concen: 38.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

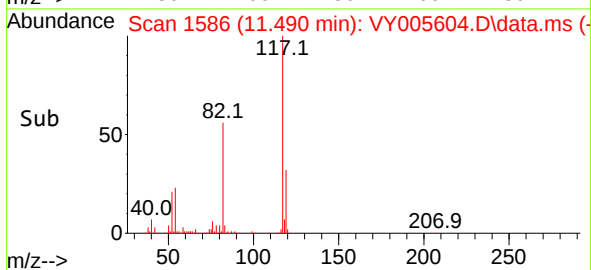
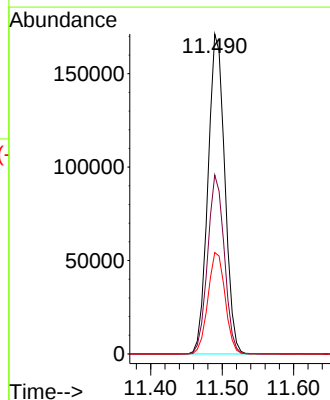
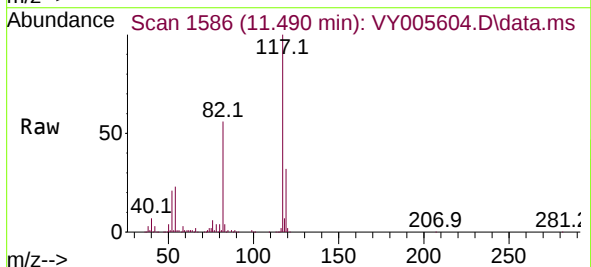
Instrument :
MSVOA_Y
ClientSampleId :

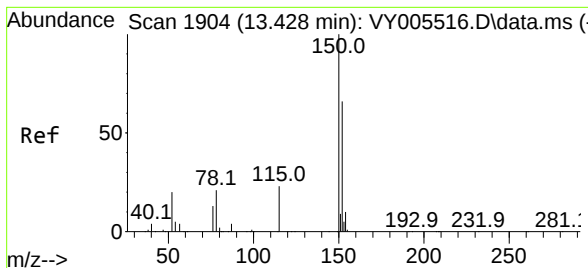
Tgt Ion: 95 Resp: 101829
Ion Ratio Lower Upper
95 100
174 95.2 0.0 191.4
176 91.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005604.D
Acq: 10 Aug 2021 18:32

Tgt Ion: 117 Resp: 279318
Ion Ratio Lower Upper
117 100
82 55.9 43.5 65.3
119 31.7 25.5 38.3

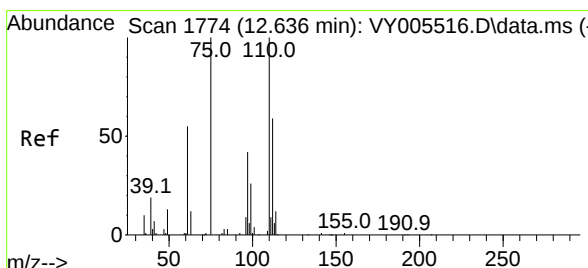
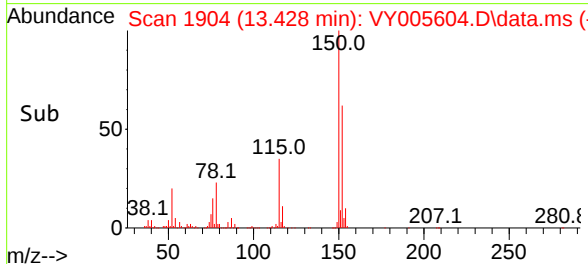
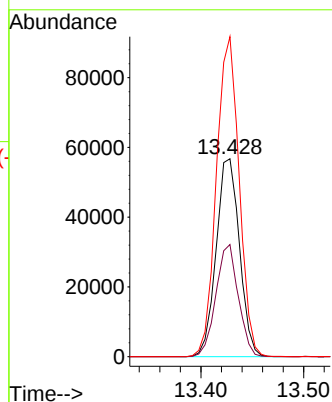
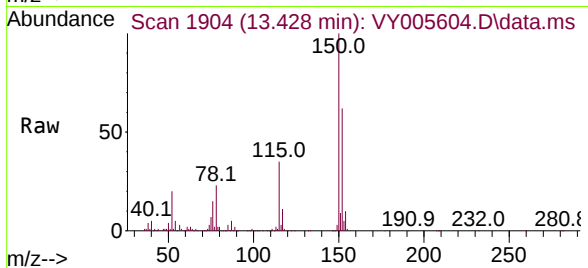




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005604.D
 Acq: 10 Aug 2021 18:32

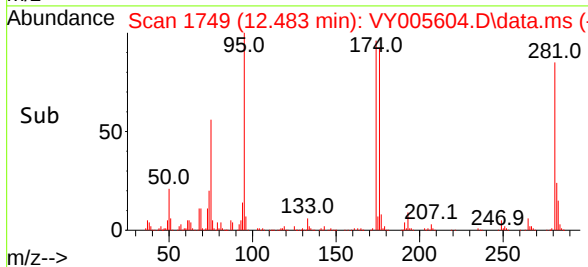
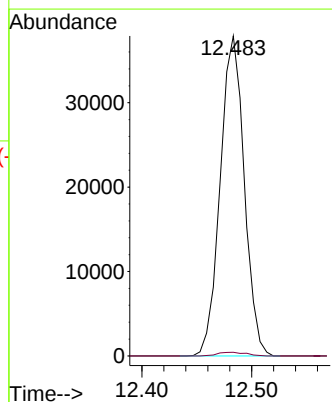
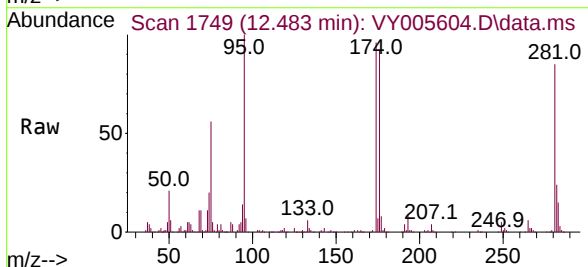
Instrument :
 MSVOA_Y
 ClientSampled :

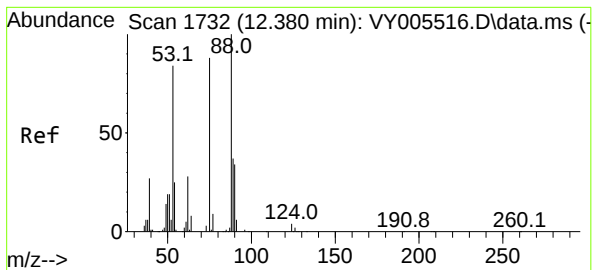
Tgt Ion:152 Resp: 89183
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.3 81.9
 150 157.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 62.47 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005604.D
 Acq: 10 Aug 2021 18:32

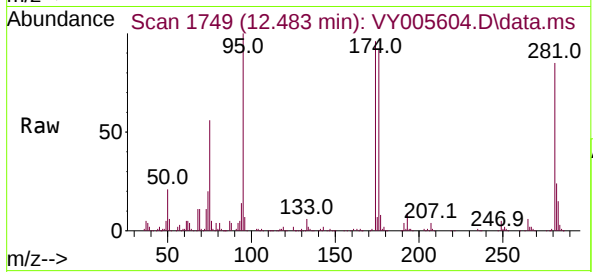
Tgt Ion: 75 Resp: 57736
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.94 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005604.D
 Acq: 10 Aug 2021 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	57736
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.6	38.4	57.6#

