

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005433.D
 Acq On : 23 Jul 2021 22:05
 Operator : SY/MD
 Sample : M3159-06
 Misc : 4.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210430-16

Quant Time: Jul 24 03:04:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

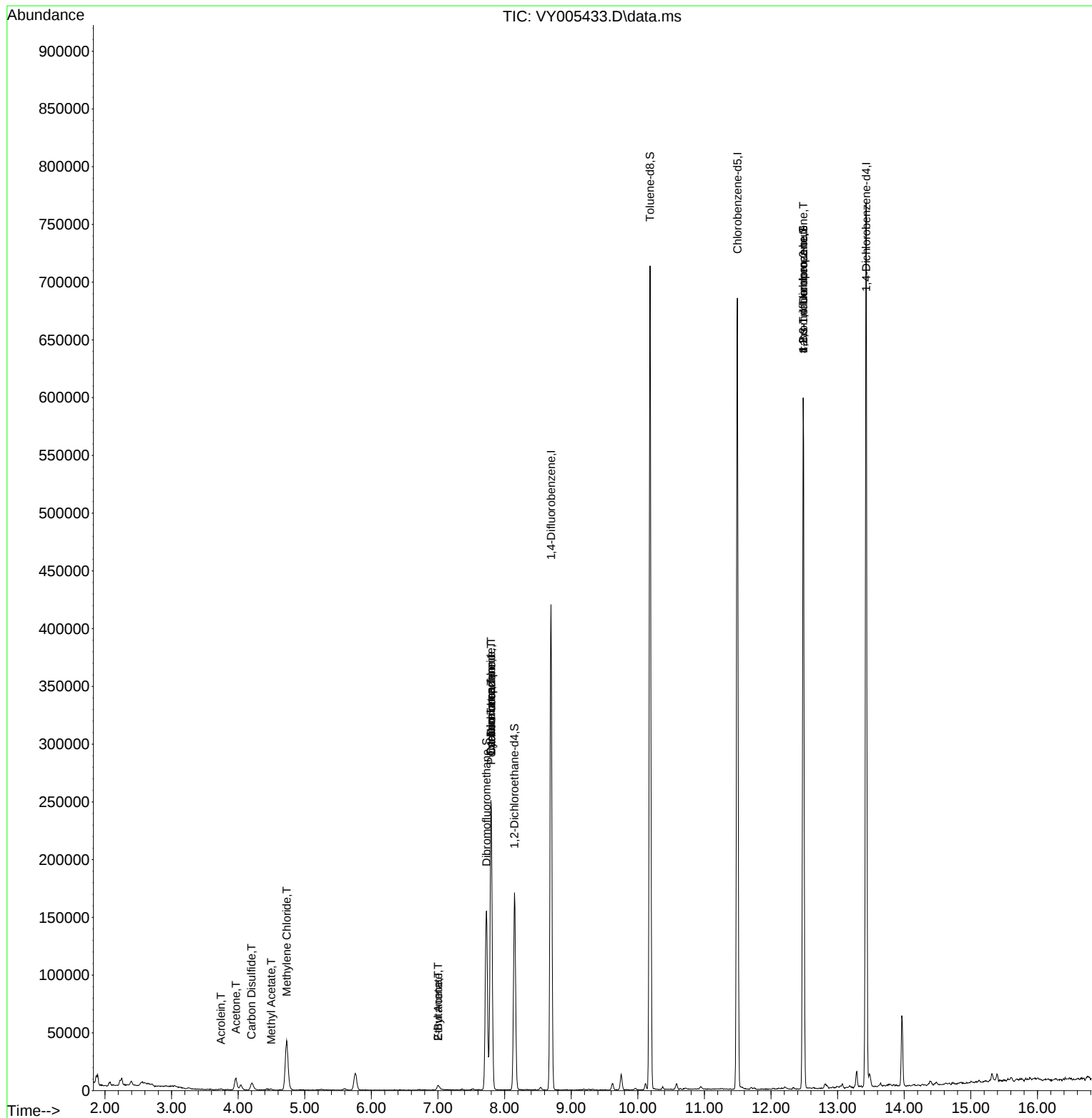
Internal Standards						
1) Pentafluorobenzene	7.801	168	203183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	347466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	360514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	138607	63.854	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.700%			
35) Dibromofluoromethane	7.728	113	107472	53.567	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.140%			
50) Toluene-d8	10.185	98	452852	53.255	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.520%			
62) 4-Bromofluorobenzene	12.483	95	164067	58.459	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.920%			
Target Compounds						
					Qvalue	
13) Acrolein	3.741	56	924	4.921	ug/l #	71
16) Acetone	3.966	43	17523	35.349	ug/l	94
17) Carbon Disulfide	4.198	76	11324	1.763	ug/l #	94
18) Methyl Acetate	4.497	43	1426	1.023	ug/l #	74
20) Methylene Chloride	4.728	84	31149	9.921	ug/l	99
25) 2-Butanone	7.002	43	5864	7.899	ug/l #	87
31) Cyclohexane	7.795	56	4198	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14583	4.341	ug/l #	50
37) Ethyl Acetate	7.002	43	5864	2.867	ug/l #	70
38) Carbon Tetrachloride	7.795	117	18894	5.146	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	91030	48.289	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91030	93.763	ug/l #	11

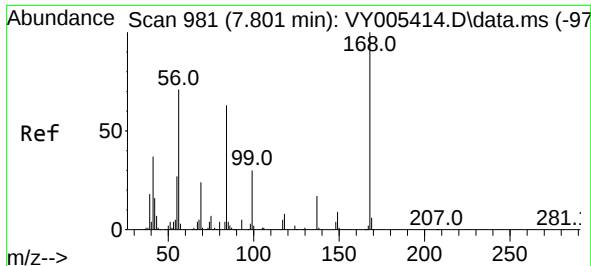
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
Data File : VY005433.D
Acq On : 23 Jul 2021 22:05
Operator : SY/MD
Sample : M3159-06
Misc : 4.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20210430-16

Quant Time: Jul 24 03:04:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

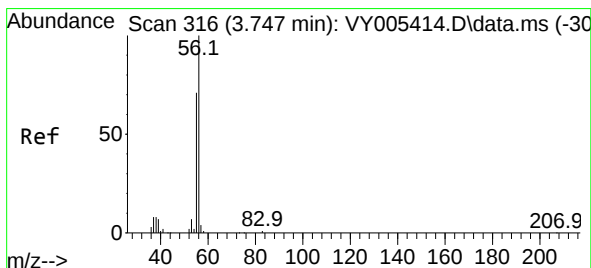
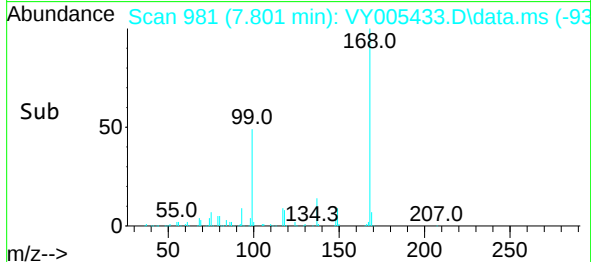
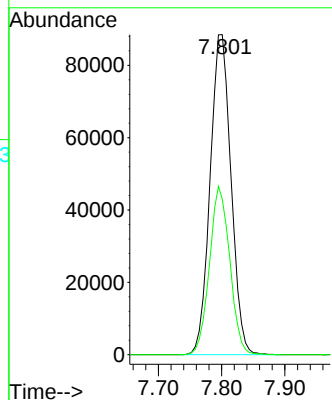
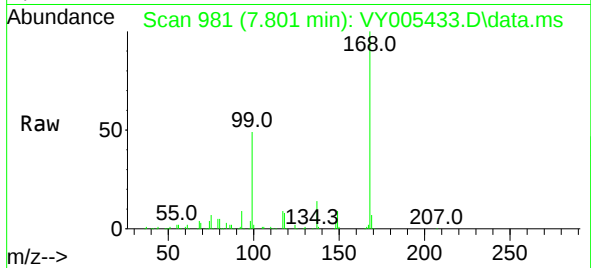




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

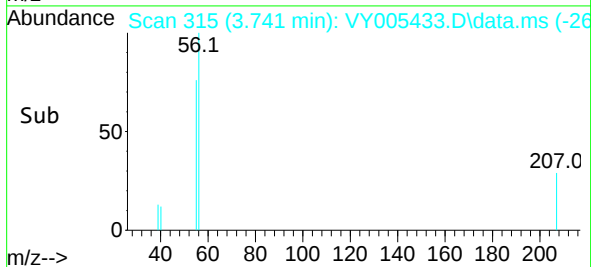
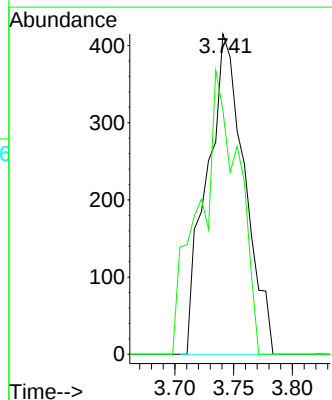
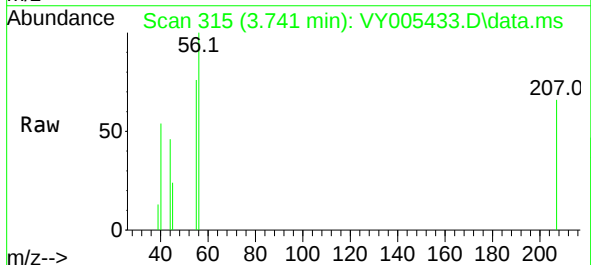
Instrument :
MSVOA_Y
ClientSampleId :
20210430-16

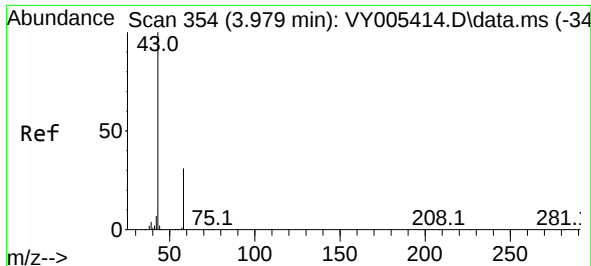
Tgt Ion:168 Resp: 203183
Ion Ratio Lower Upper
168 100
99 48.6 39.8 59.6



#13
Acrolein
Concen: 4.921 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

Tgt Ion: 56 Resp: 924
Ion Ratio Lower Upper
56 100
55 92.5 55.2 82.8#

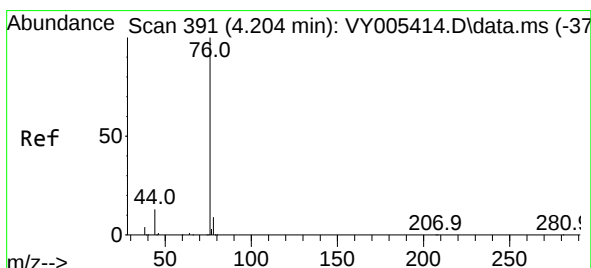
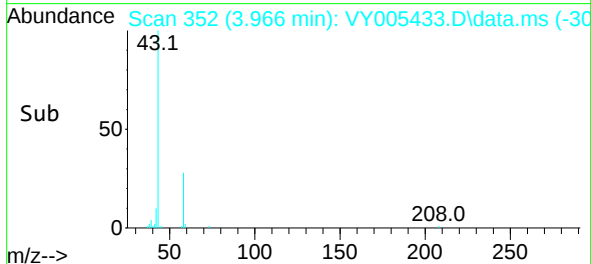
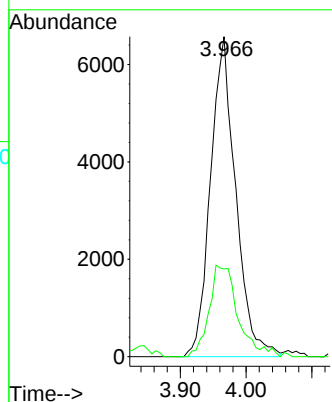
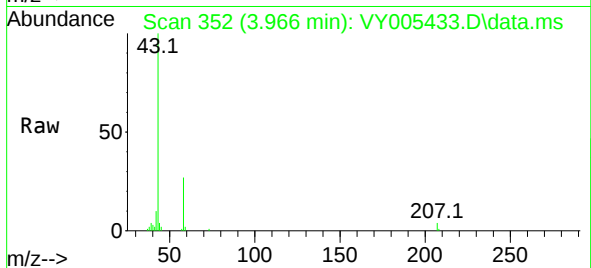




#16
Acetone
Concen: 35.349 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

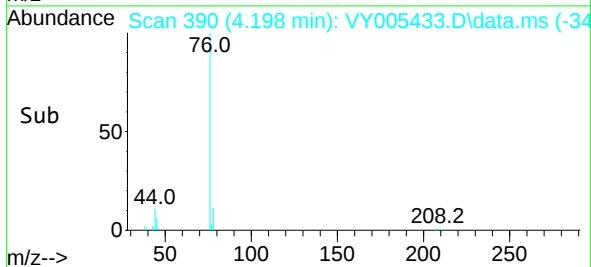
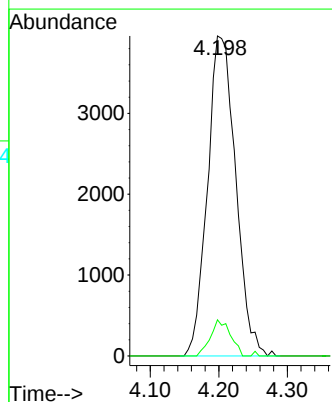
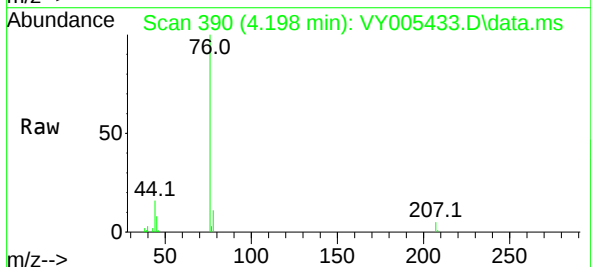
Instrument :
MSVOA_Y
ClientSampleId :
20210430-16

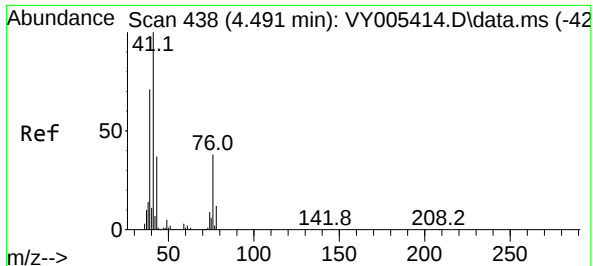
Tgt Ion: 43 Resp: 17523
Ion Ratio Lower Upper
43 100
58 27.4 24.5 36.7



#17
Carbon Disulfide
Concen: 1.763 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

Tgt Ion: 76 Resp: 11324
Ion Ratio Lower Upper
76 100
78 11.3 7.3 10.9#

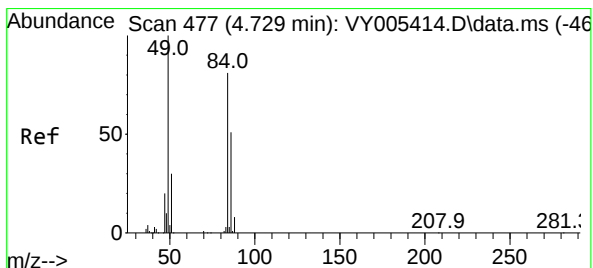
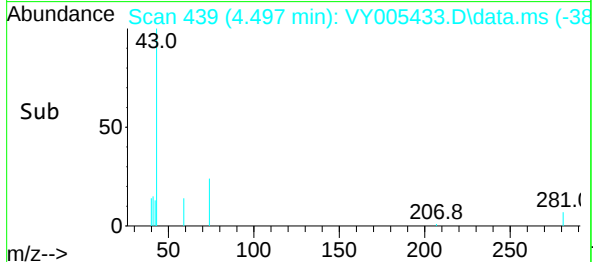
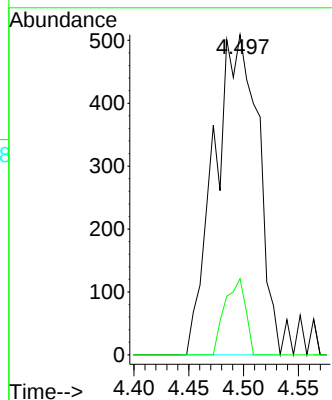
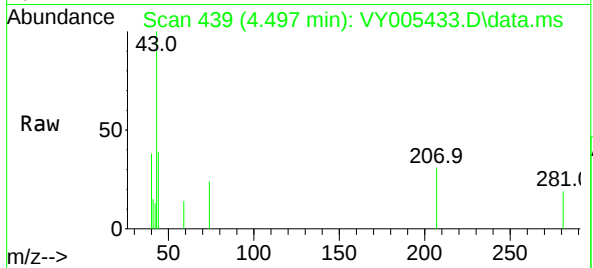




#18
Methyl Acetate
Concen: 1.023 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

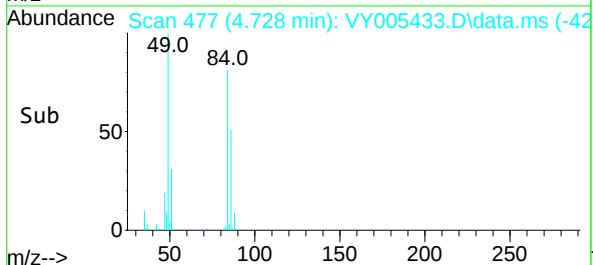
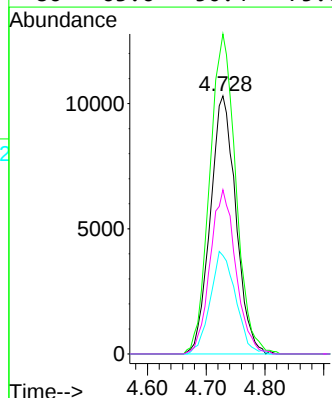
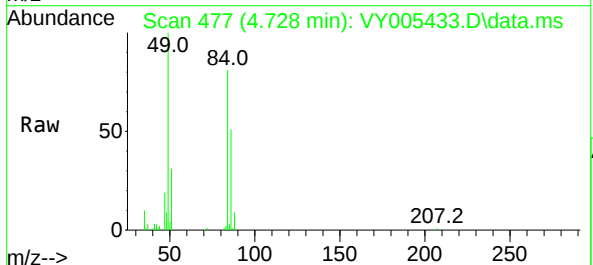
Instrument :
MSVOA_Y
ClientSampleId :
20210430-16

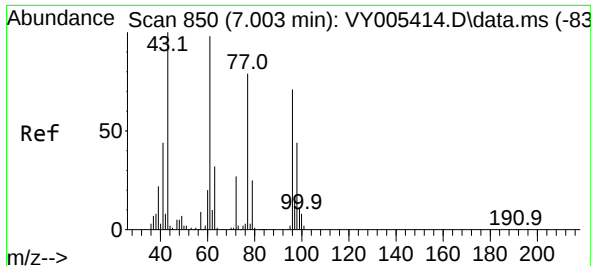
Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
74 11.2 19.2 28.8#



#20
Methylene Chloride
Concen: 9.921 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

Tgt Ion: 84 Resp: 31149
Ion Ratio Lower Upper
84 100
49 124.0 98.9 148.3
51 38.1 30.0 45.0
86 63.6 50.4 75.6

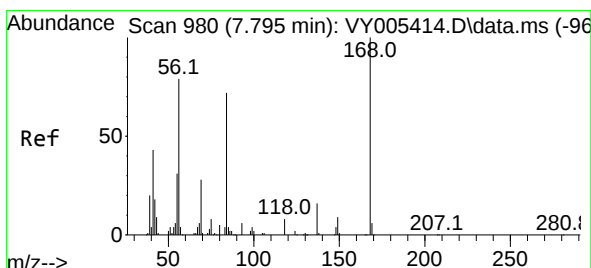
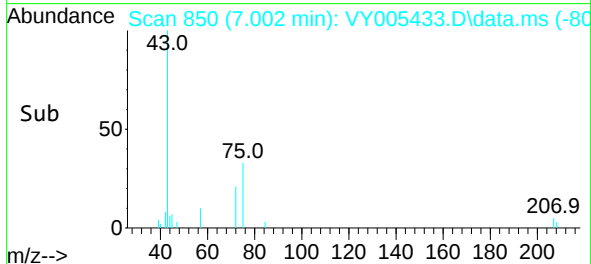
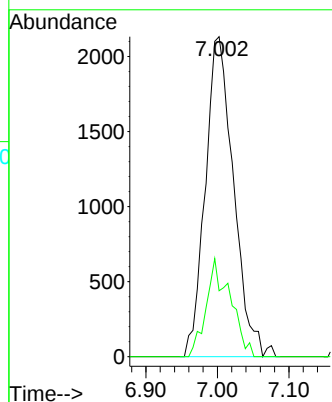
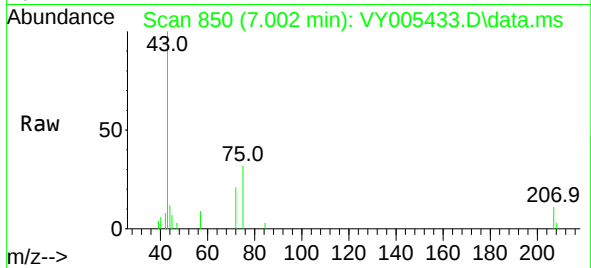




#25
2-Butanone
Concen: 7.899 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

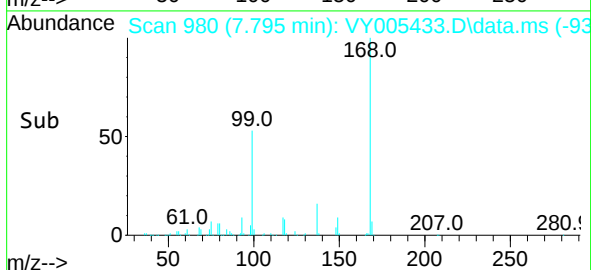
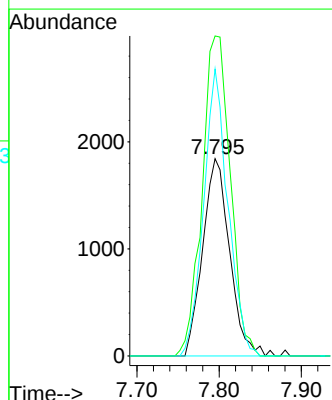
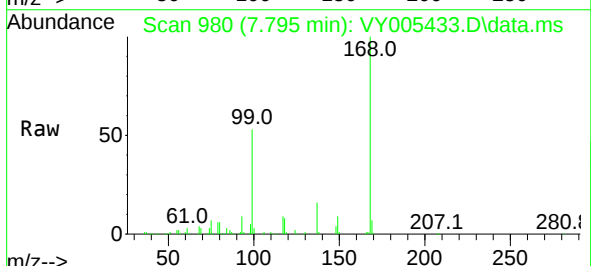
Instrument :
MSVOA_Y
ClientSampleId :
20210430-16

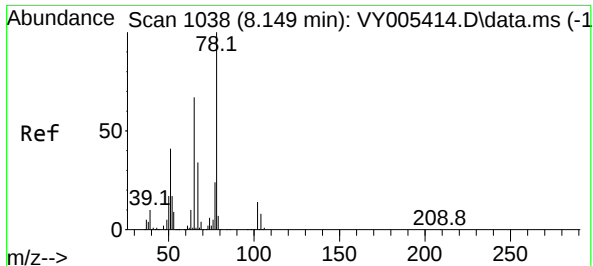
Tgt Ion: 43 Resp: 5864
Ion Ratio Lower Upper
43 100
72 20.6 21.9 32.9#



#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

Tgt Ion: 56 Resp: 4198
Ion Ratio Lower Upper
56 100
69 162.2 28.7 43.1#
84 145.4 73.0 109.6#

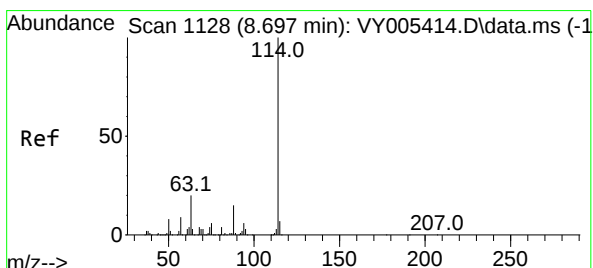
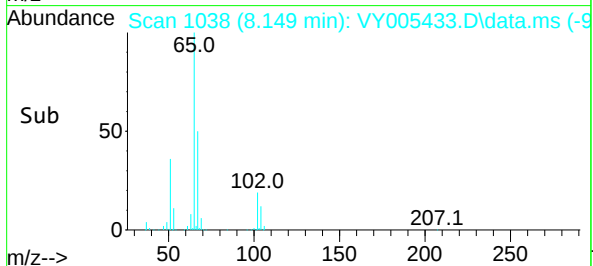
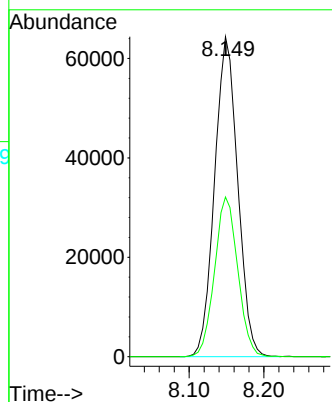
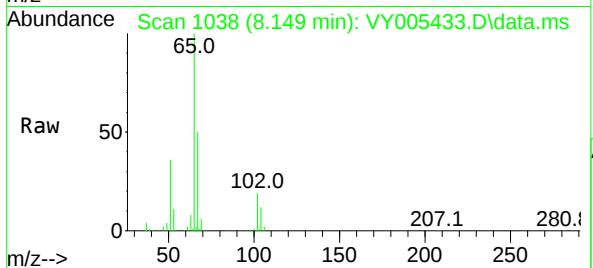




#33
1,2-Dichloroethane-d4
Concen: 63.854 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

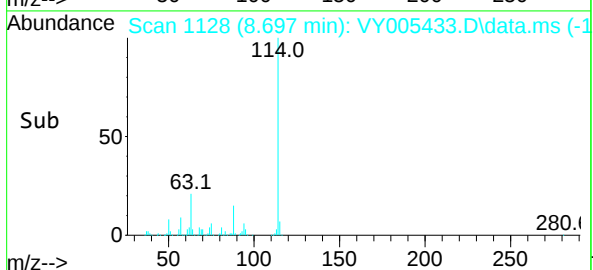
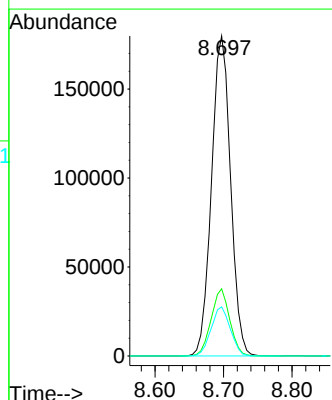
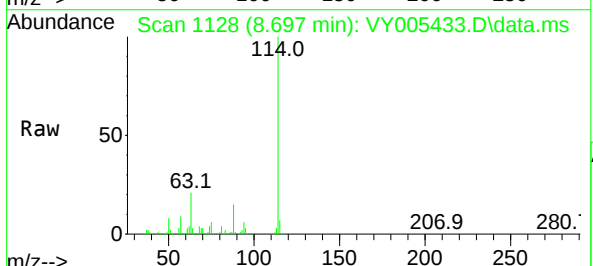
Instrument :
MSVOA_Y
ClientSampleId :
20210430-16

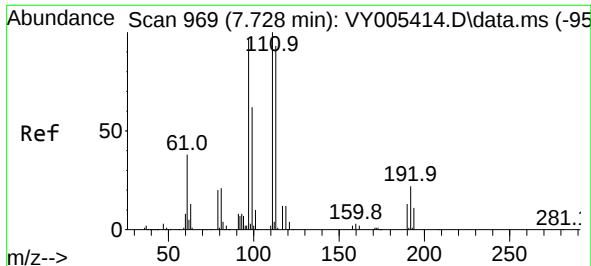
Tgt Ion: 65 Resp: 138607
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

Tgt Ion: 114 Resp: 347466
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.0
88 15.4 0.0 30.8

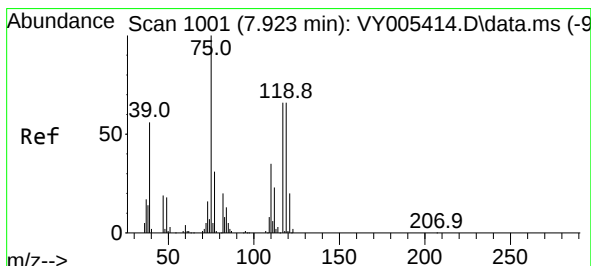
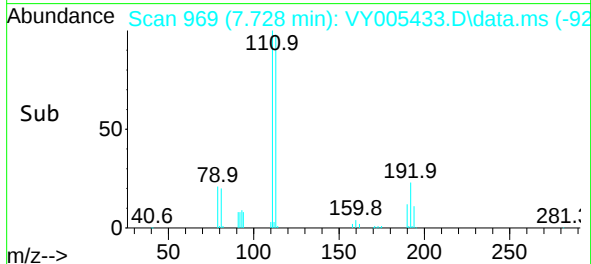
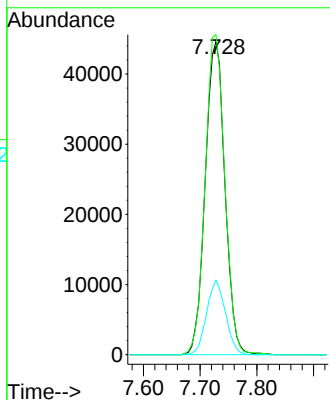
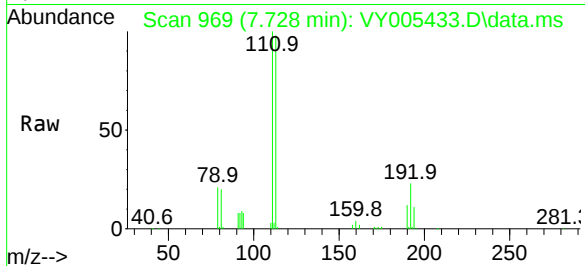




#35
Dibromofluoromethane
Concen: 53.567 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

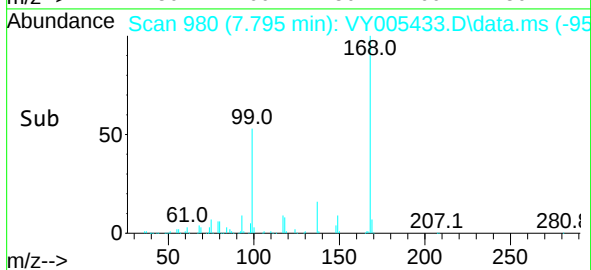
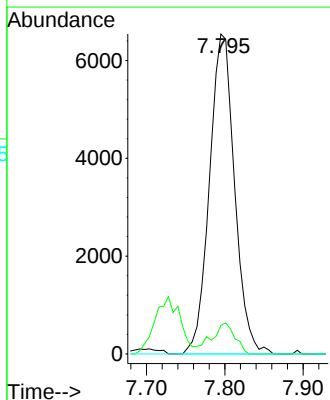
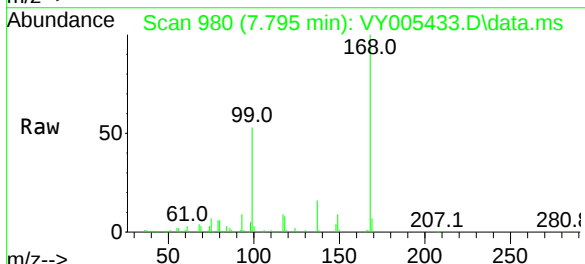
Instrument :
MSVOA_Y
ClientSampleId :
20210430-16

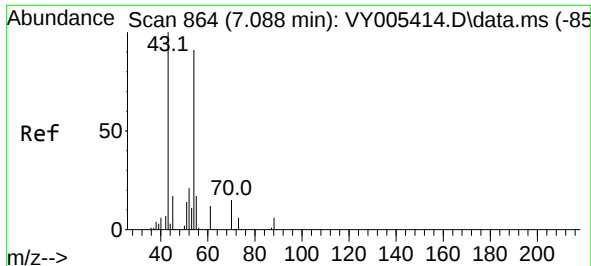
Tgt Ion:113 Resp: 107472
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 22.8 18.9 28.3



#36
1,1-Dichloropropene
Concen: 4.341 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

Tgt Ion: 75 Resp: 14583
Ion Ratio Lower Upper
75 100
110 8.9 17.6 52.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 2.867 ug/l

RT: 7.002 min Scan# 850

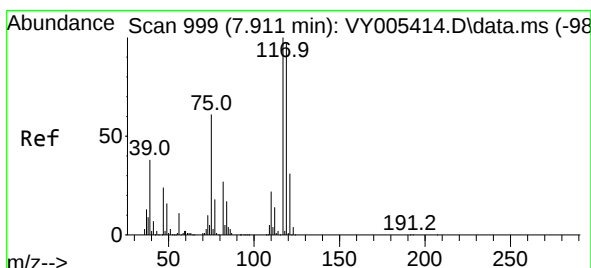
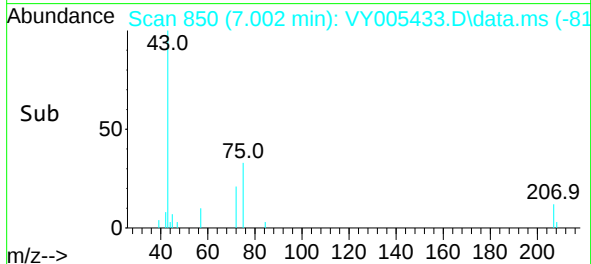
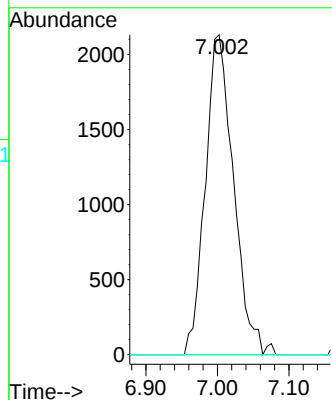
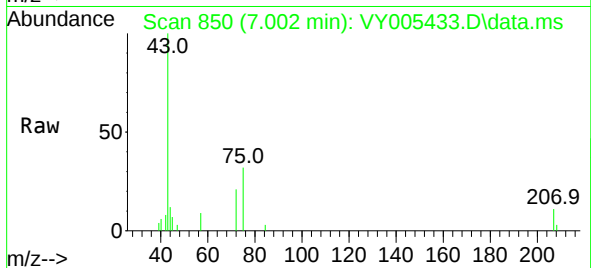
Delta R.T. -0.085 min

Lab File: VY005433.D

Acq: 23 Jul 2021 22:05

Tgt Ion:	43	Resp:	5864
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	7.9	11.9#

Instrument :
MSVOA_Y
ClientSampleId :
20210430-16



#38

Carbon Tetrachloride

Concen: 5.146 ug/l

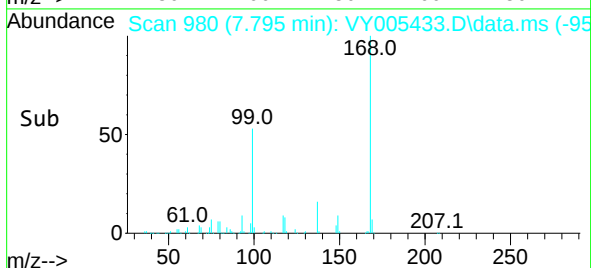
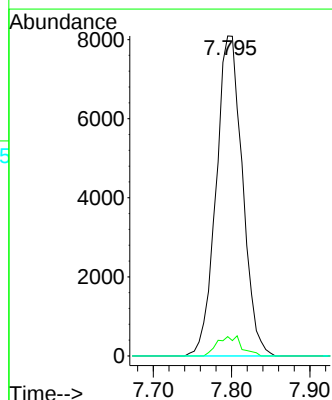
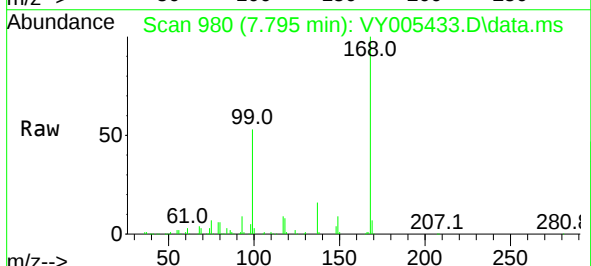
RT: 7.795 min Scan# 980

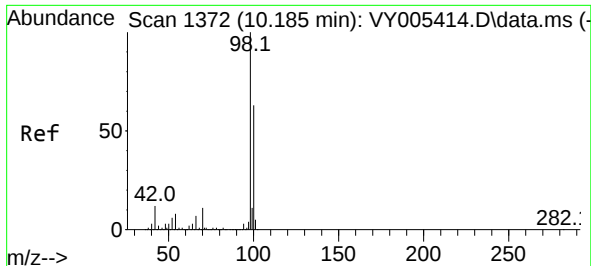
Delta R.T. -0.116 min

Lab File: VY005433.D

Acq: 23 Jul 2021 22:05

Tgt Ion:	117	Resp:	18894
Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.2	115.8#
121	0.0	25.1	37.7#

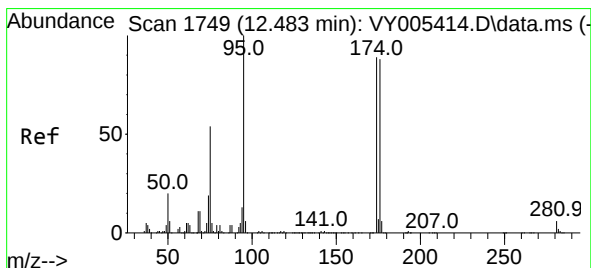
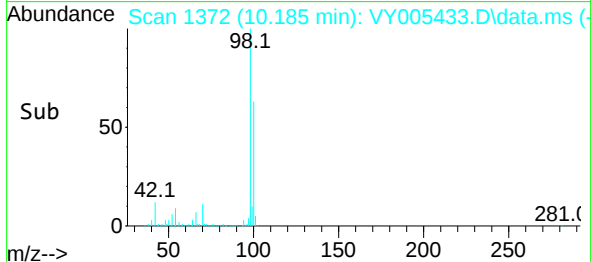
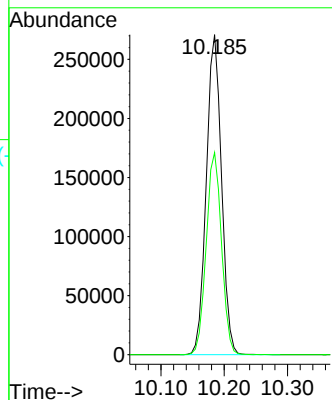
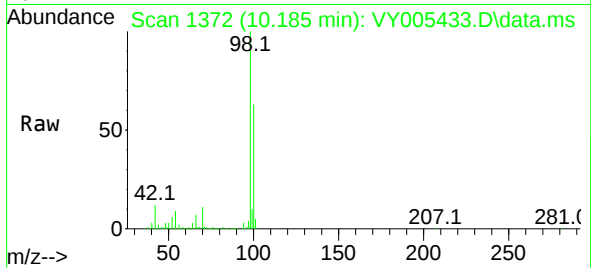




#50
Toluene-d8
Concen: 53.255 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

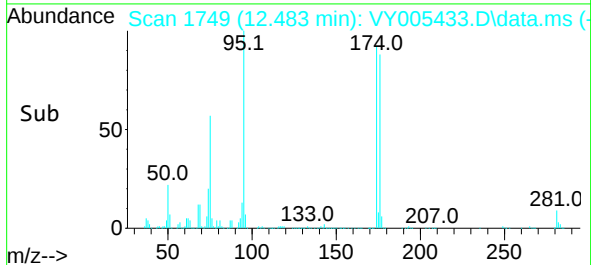
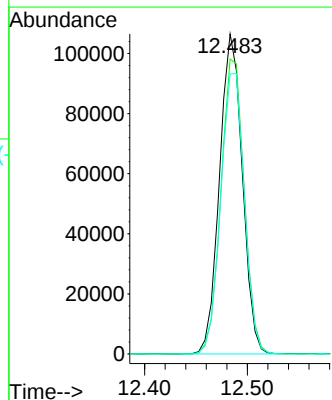
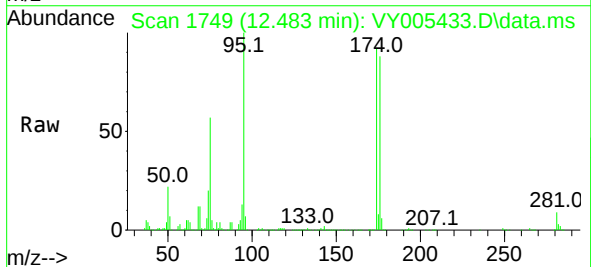
Instrument :
MSVOA_Y
ClientSampleId :
20210430-16

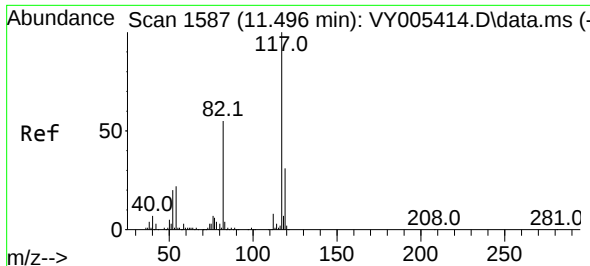
Tgt Ion: 98 Resp: 452852
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 58.459 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

Tgt Ion: 95 Resp: 164067
Ion Ratio Lower Upper
95 100
174 94.0 0.0 186.6
176 90.7 0.0 182.4

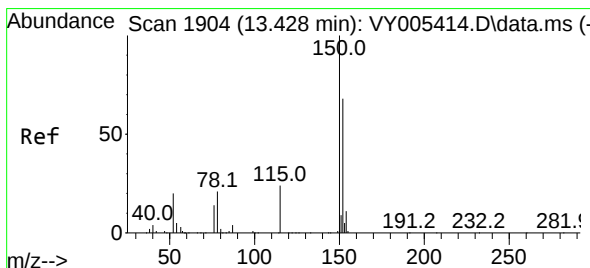
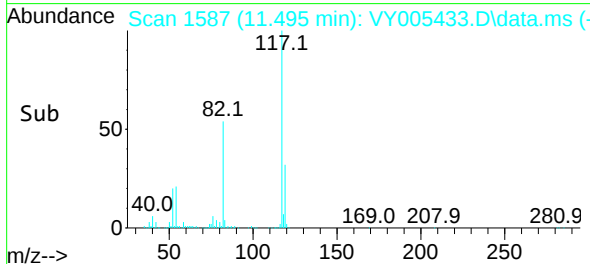
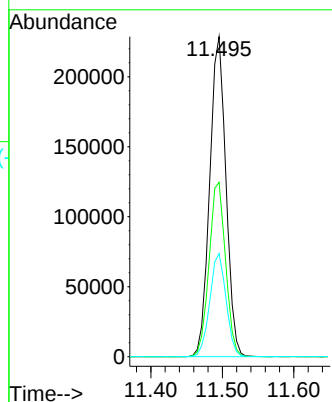
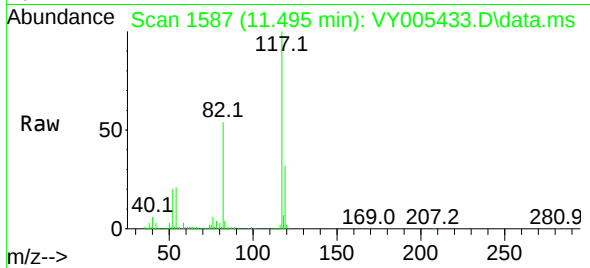




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

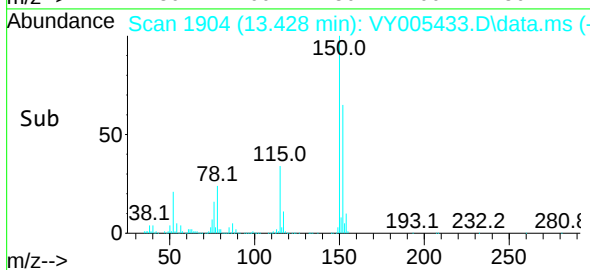
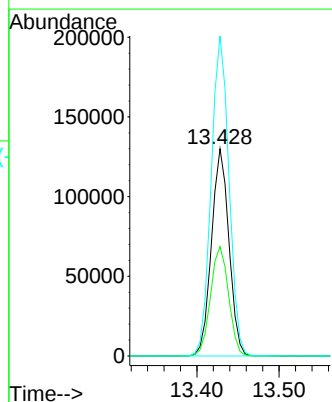
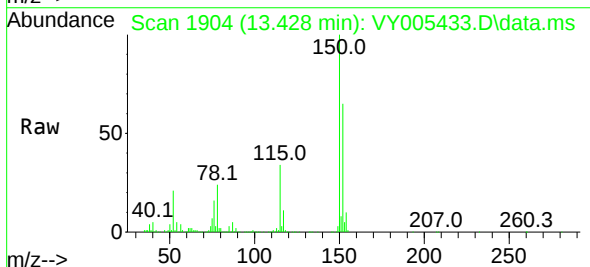
Instrument :
MSVOA_Y
ClientSampleId :
20210430-16

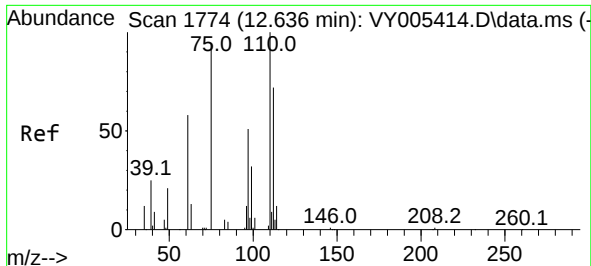
Tgt Ion:117 Resp: 360514
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.6
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

Tgt Ion:152 Resp: 191582
Ion Ratio Lower Upper
152 100
115 54.3 27.7 83.1
150 157.2 0.0 349.6

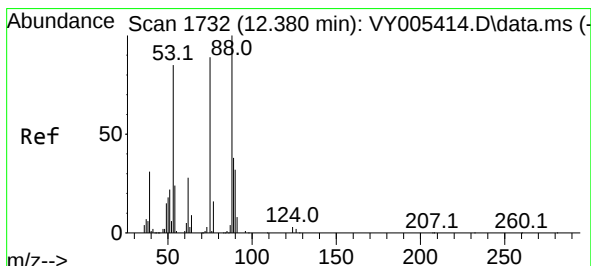
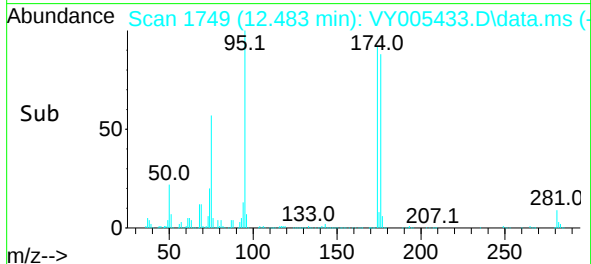
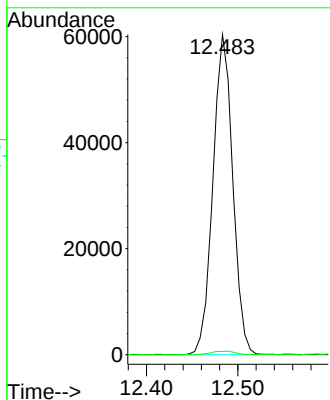
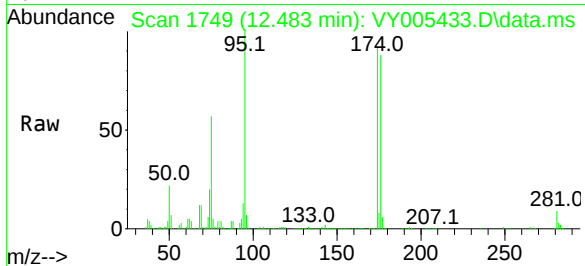




#76
1,2,3-Trichloropropane
Concen: 48.289 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

Instrument :
MSVOA_Y
ClientSampleId :
20210430-16

Tgt Ion: 75 Resp: 91030
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.763 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005433.D
Acq: 23 Jul 2021 22:05

Tgt Ion: 75 Resp: 91030
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.1 36.9 55.3#

