

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005436.D
 Acq On : 23 Jul 2021 23:14
 Operator : SY/MD
 Sample : M3159-09
 Misc : 3.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210467-53

Quant Time: Jul 24 03:05:35 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)

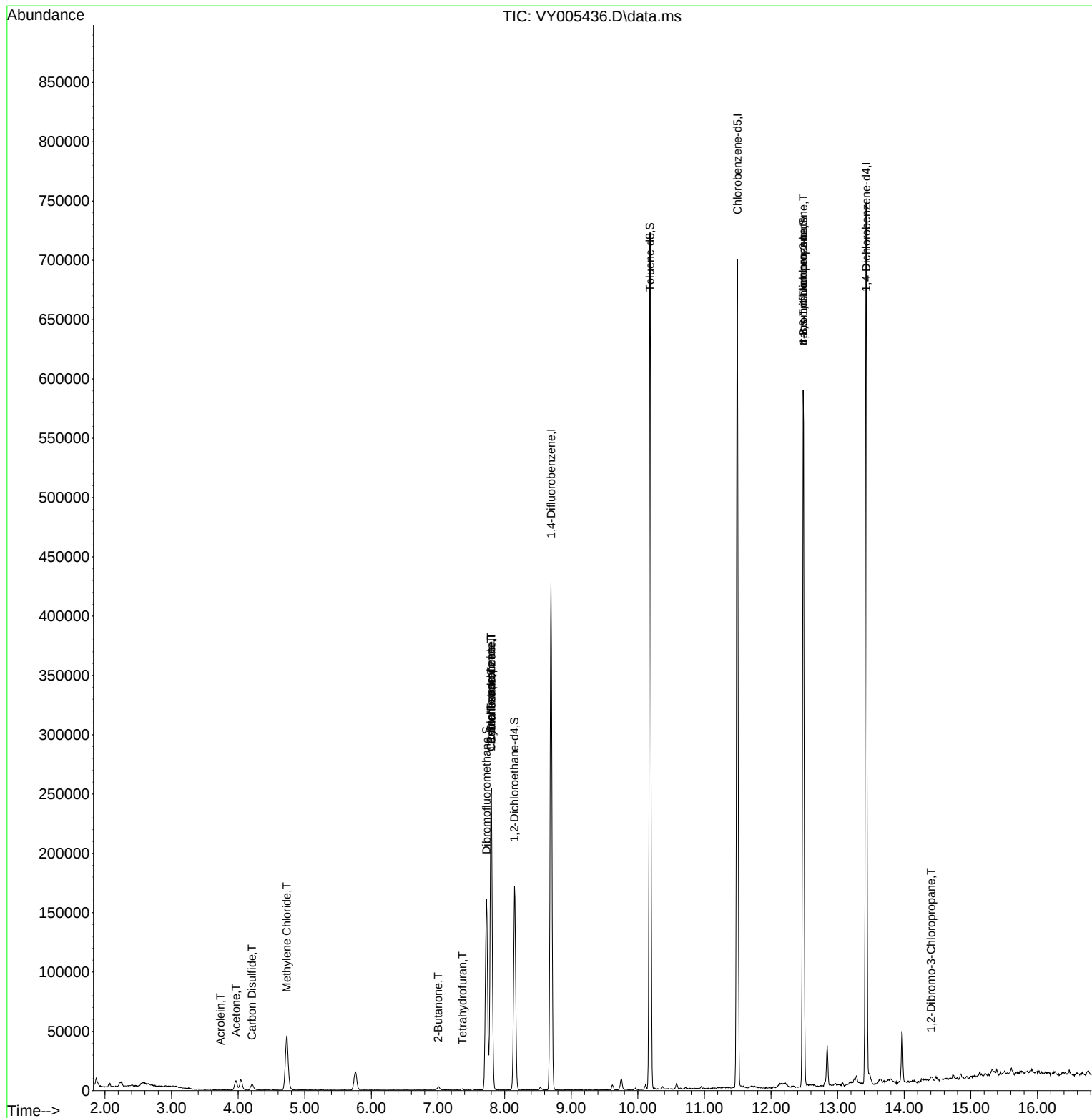
Internal Standards						
1) Pentafluorobenzene	7.801	168	205494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	354868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	365905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	138712	63.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.360%	
35) Dibromofluoromethane	7.728	113	108098	52.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.520%	
50) Toluene-d8	10.185	98	458617	52.808	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	12.483	95	166850	58.211	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.420%	
Target Compounds						Qvalue
13) Acrolein	3.735	56	258	1.359	ug/l #	39
16) Acetone	3.966	43	13701	27.328	ug/l	95
17) Carbon Disulfide	4.204	76	9065	1.395	ug/l	99
20) Methylene Chloride	4.728	84	33598	10.668	ug/l	98
25) 2-Butanone	7.002	43	3993	5.318	ug/l	93
29) Tetrahydrofuran	7.368	42	660	1.327	ug/l	94
31) Cyclohexane	7.801	56	4144	1.105	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	14573	4.247	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18886	5.037	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	91936	49.647	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91936	96.400	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.403	75	759	1.580	ug/l #	1

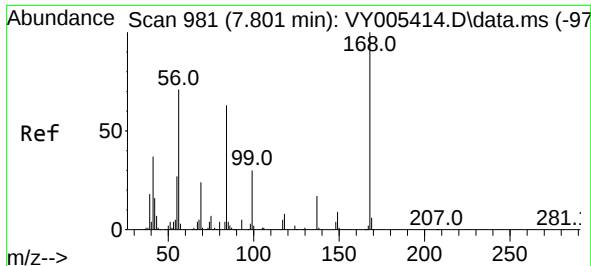
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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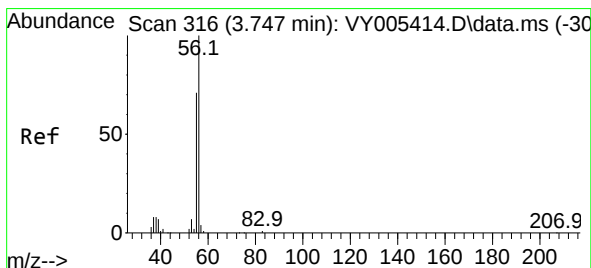
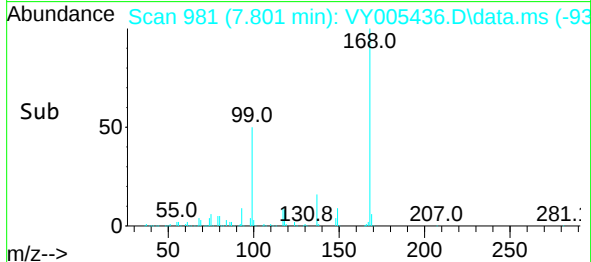
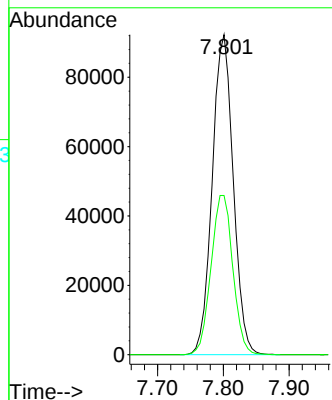
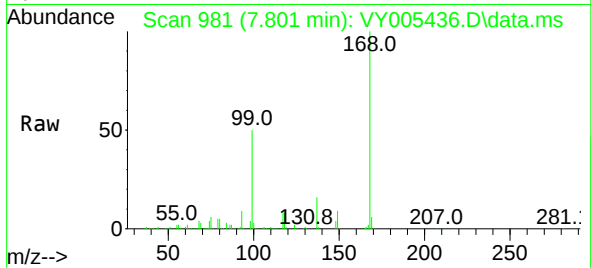




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

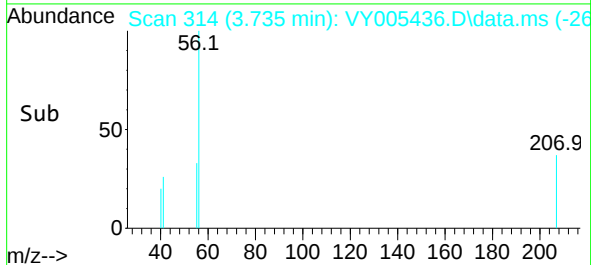
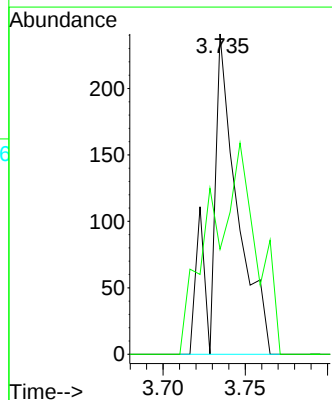
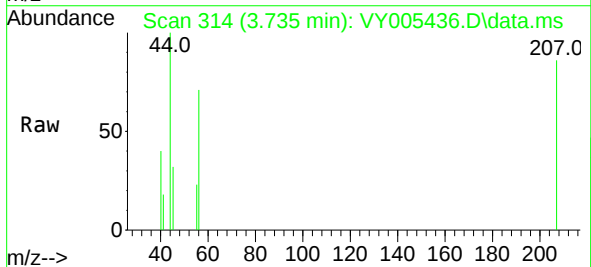
Instrument :
MSVOA_Y
ClientSampleId :
20210467-53

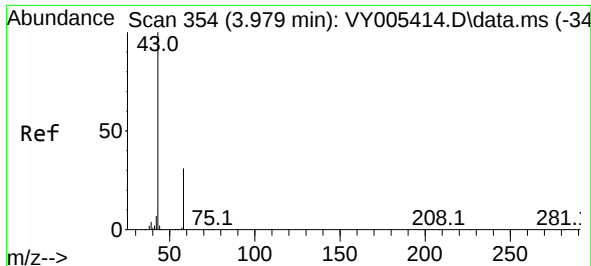
Tgt Ion:168 Resp: 205494
Ion Ratio Lower Upper
168 100
99 49.7 39.8 59.6



#13
Acrolein
Concen: 1.359 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.012 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion: 56 Resp: 258
Ion Ratio Lower Upper
56 100
55 118.6 55.2 82.8#

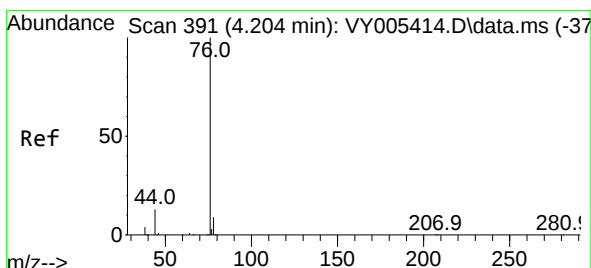
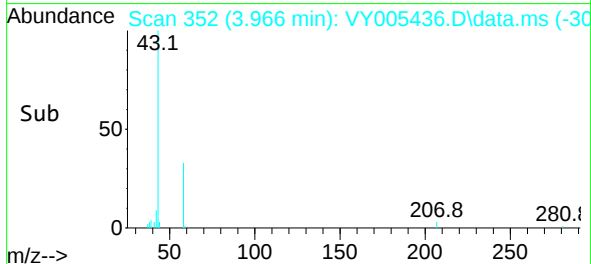
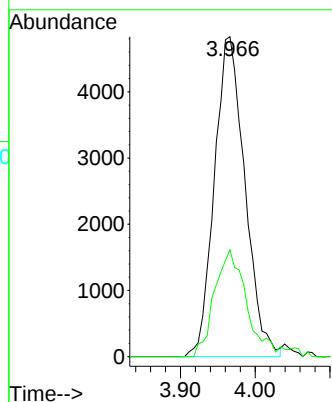
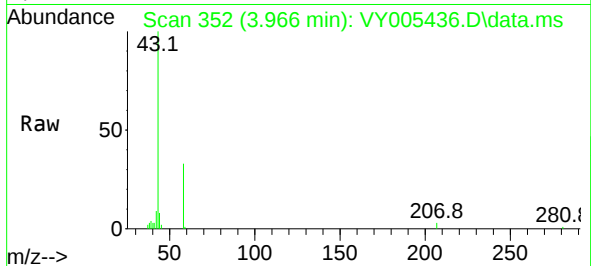




#16
Acetone
Concen: 27.328 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

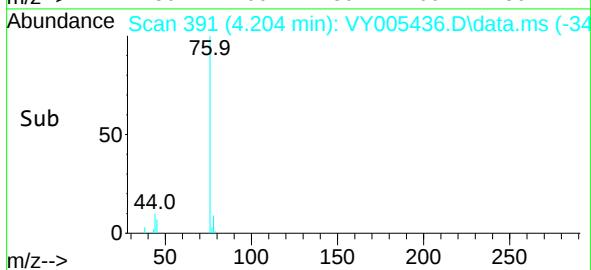
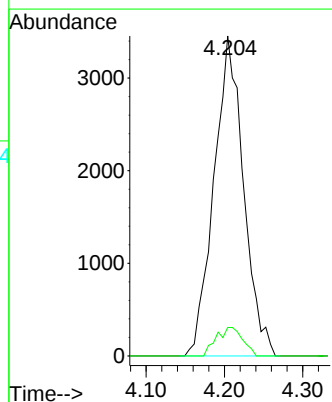
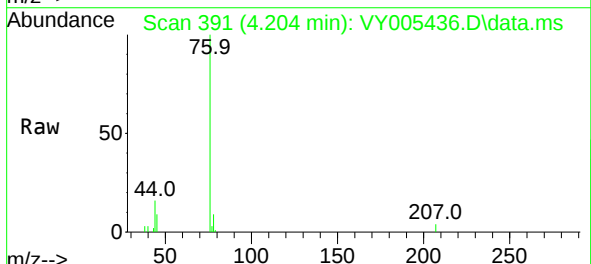
Instrument :
MSVOA_Y
ClientSampleId :
20210467-53

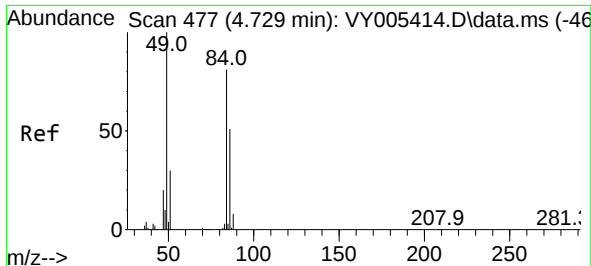
Tgt Ion: 43 Resp: 13701
Ion Ratio Lower Upper
43 100
58 33.4 24.5 36.7



#17
Carbon Disulfide
Concen: 1.395 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion: 76 Resp: 9065
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

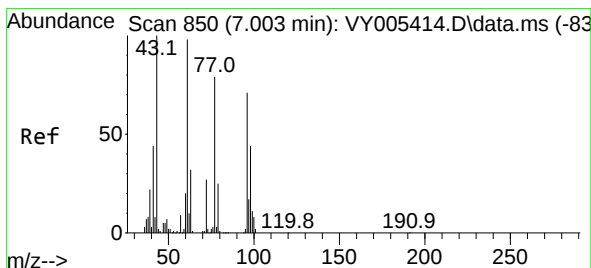
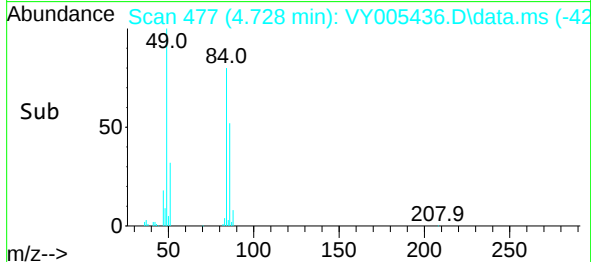
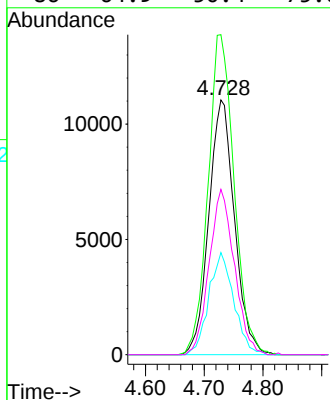
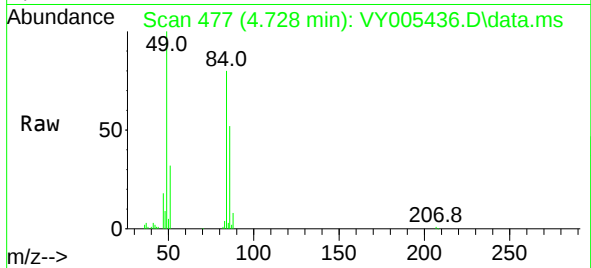




#20
Methylene Chloride
Concen: 10.668 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

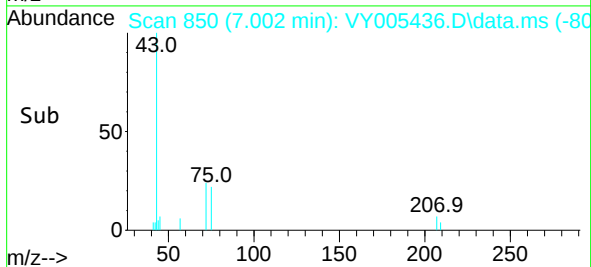
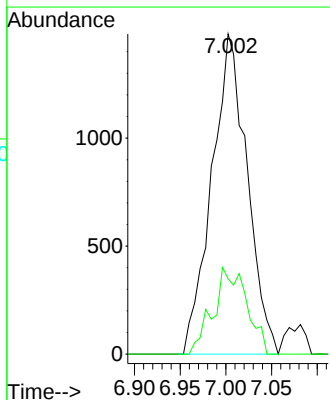
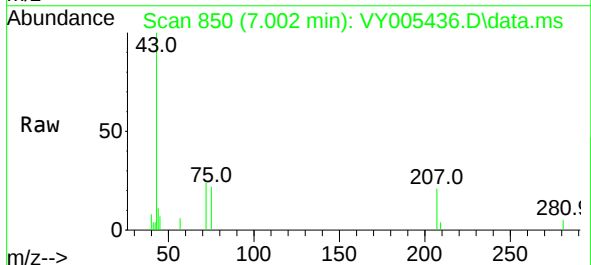
Instrument :
MSVOA_Y
ClientSampleId :
20210467-53

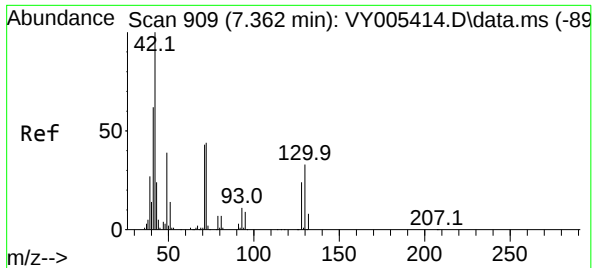
Tgt Ion:	84	Resp:	33598
Ion	Ratio	Lower	Upper
84	100		
49	125.6	98.9	148.3
51	40.1	30.0	45.0
86	64.9	50.4	75.6



#25
2-Butanone
Concen: 5.318 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion:	43	Resp:	3993
Ion	Ratio	Lower	Upper
43	100		
72	23.5	21.9	32.9





#29

Tetrahydrofuran

Concen: 1.327 ug/l

RT: 7.368 min Scan# 910

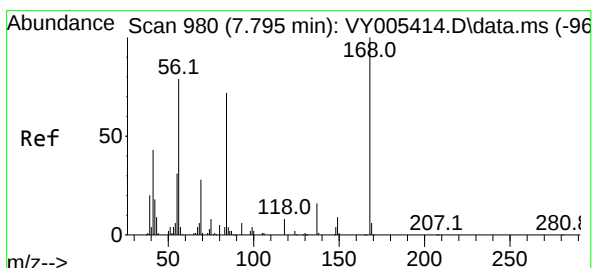
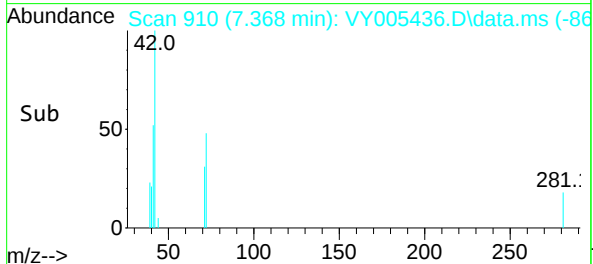
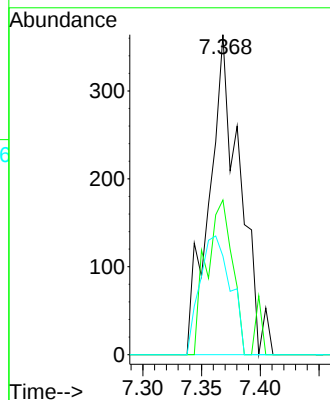
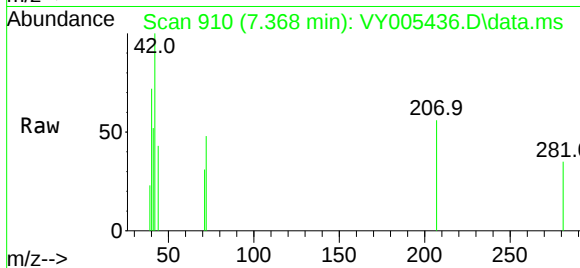
Delta R.T. 0.006 min

Lab File: VY005436.D

Acq: 23 Jul 2021 23:14

Tgt Ion:	42	Resp:	660
Ion	Ratio	Lower	Upper
42	100		
72	40.9	35.3	52.9
71	37.0	33.4	50.2

Instrument :
MSVOA_Y
ClientSampleId :
20210467-53



#31

Cyclohexane

Concen: 1.105 ug/l

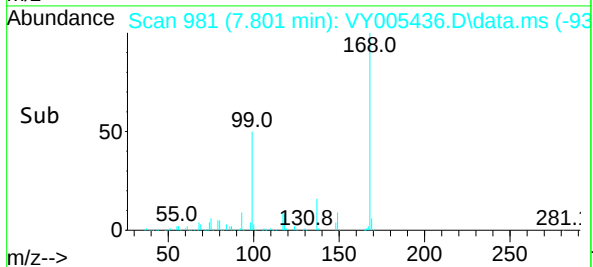
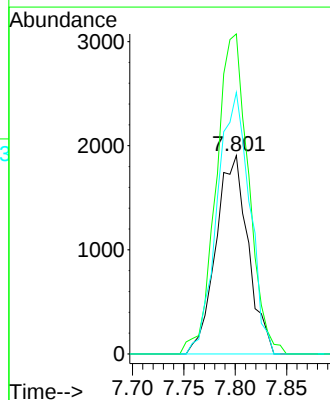
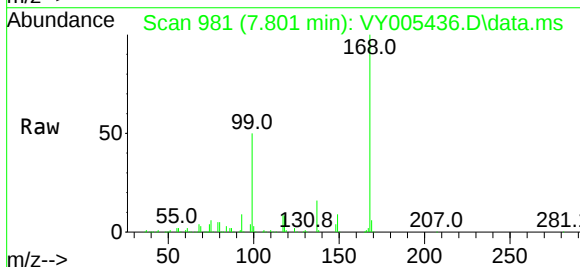
RT: 7.801 min Scan# 981

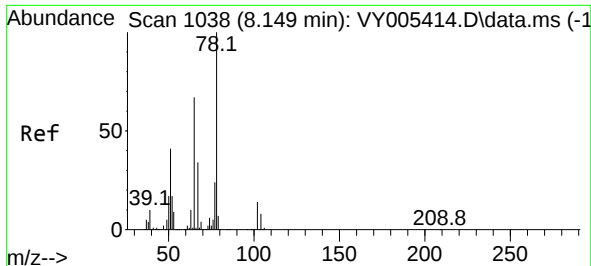
Delta R.T. 0.006 min

Lab File: VY005436.D

Acq: 23 Jul 2021 23:14

Tgt Ion:	56	Resp:	4144
Ion	Ratio	Lower	Upper
56	100		
69	161.3	28.7	43.1#
84	131.9	73.0	109.6#

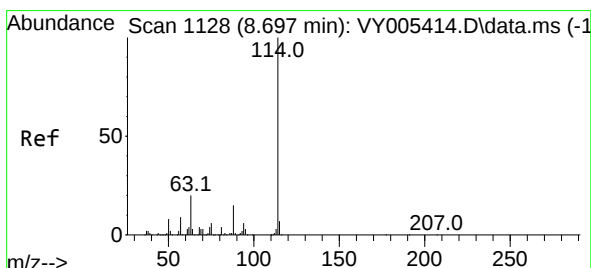
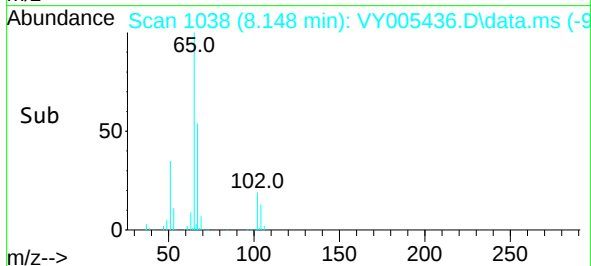
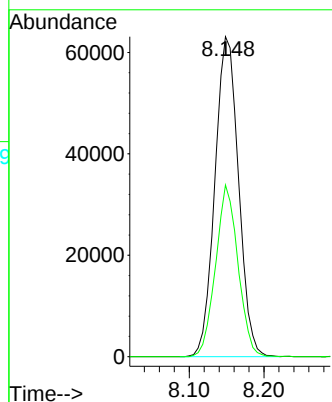
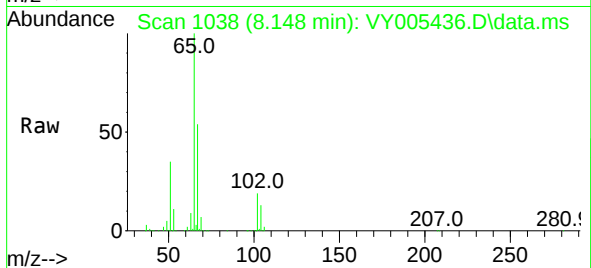




#33
1,2-Dichloroethane-d4
Concen: 63.184 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

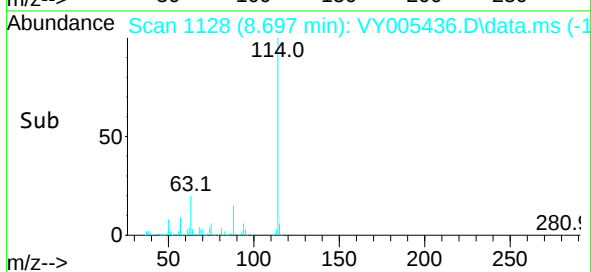
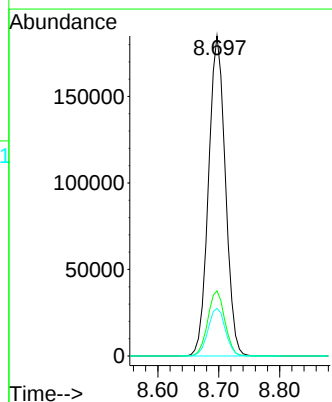
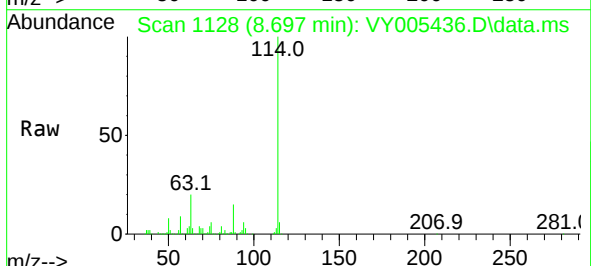
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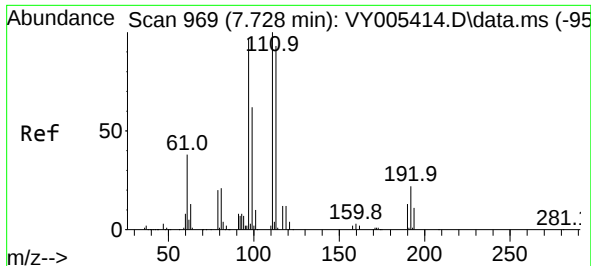
Tgt Ion: 65 Resp: 138712
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion:114 Resp: 354868
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.0
88 14.9 0.0 30.8

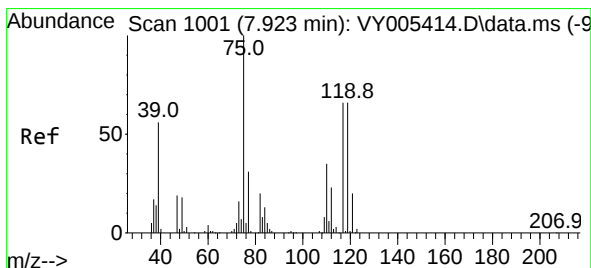
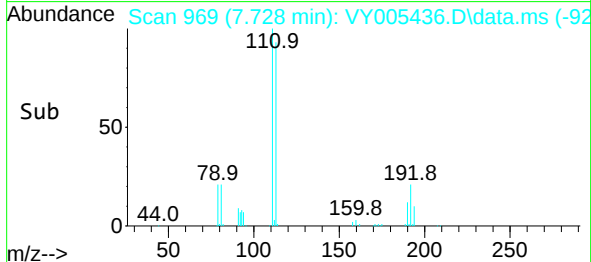
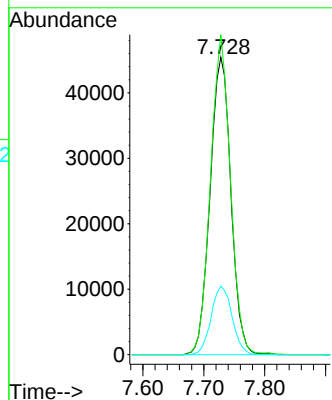
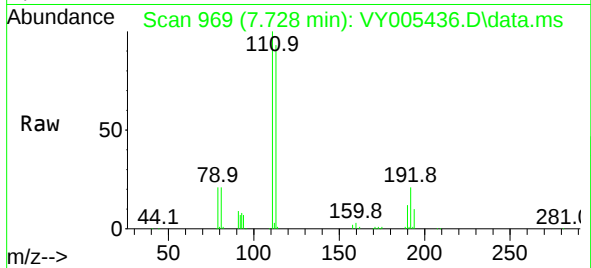




#35
Dibromofluoromethane
Concen: 52.755 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

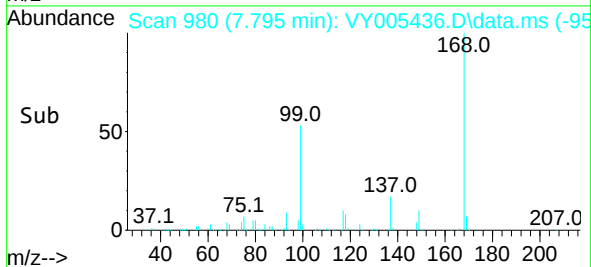
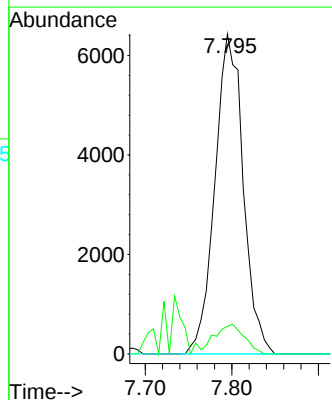
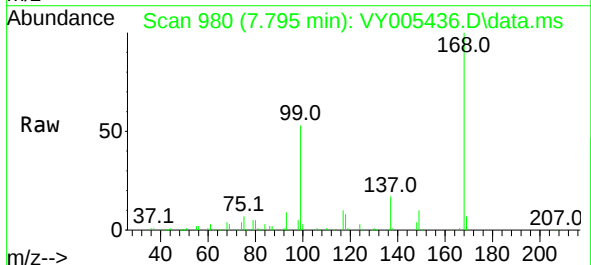
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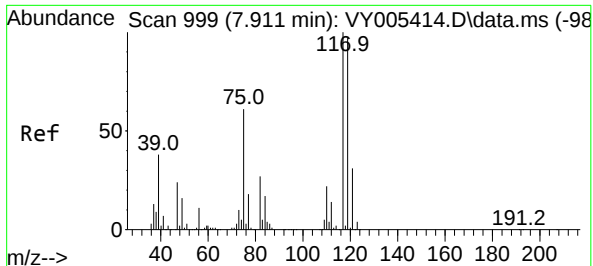
Tgt Ion:113 Resp: 108098
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 23.1 18.9 28.3



#36
1,1-Dichloropropene
Concen: 4.247 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion: 75 Resp: 14573
Ion Ratio Lower Upper
75 100
110 9.7 17.6 52.9#
77 0.0 24.6 37.0#

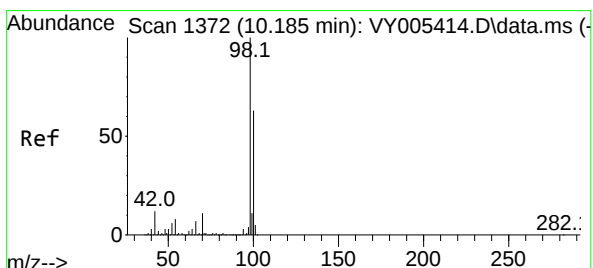
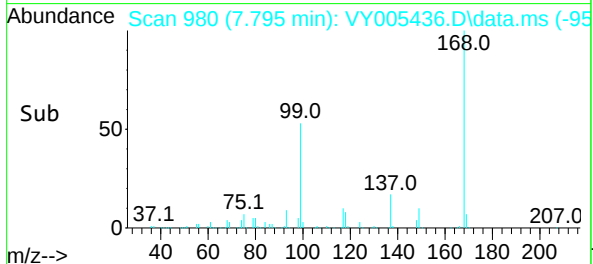
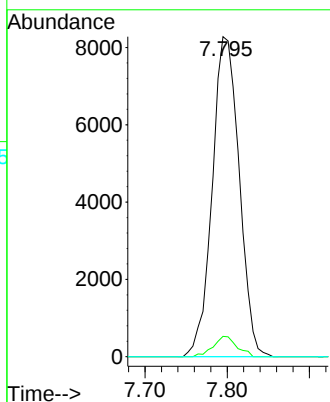
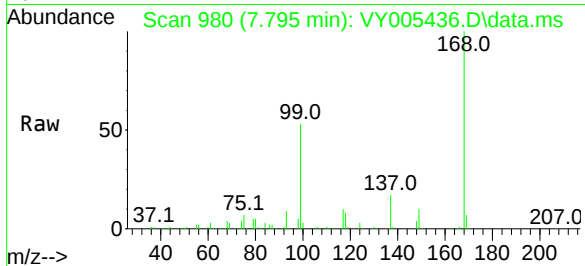




#38
Carbon Tetrachloride
Concen: 5.037 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

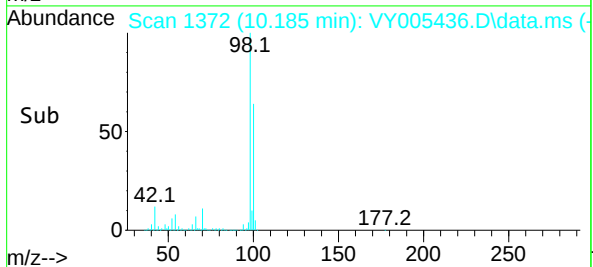
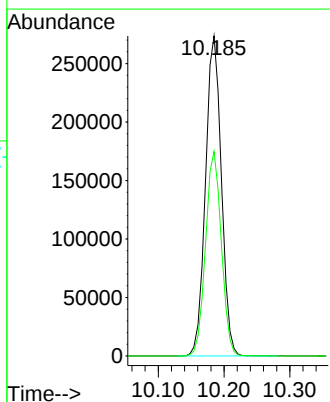
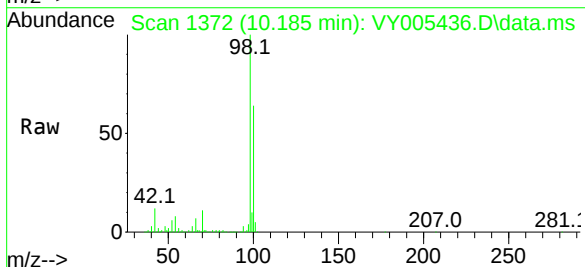
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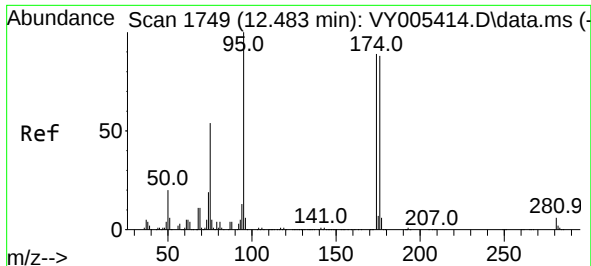
Tgt Ion:117 Resp: 18886
Ion Ratio Lower Upper
117 100
119 6.4 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.808 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion: 98 Resp: 458617
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

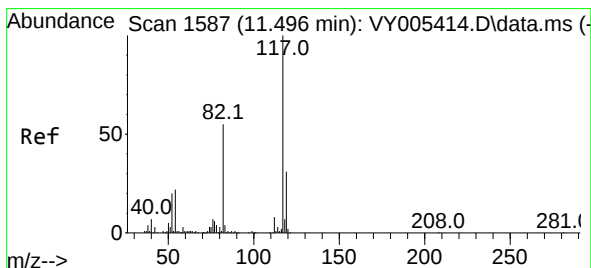
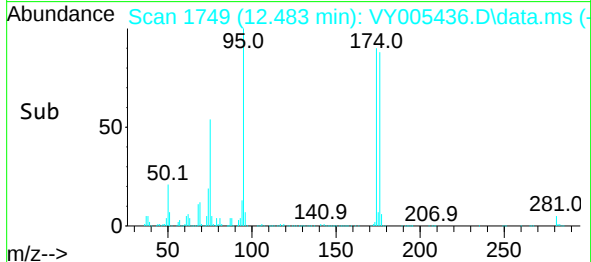
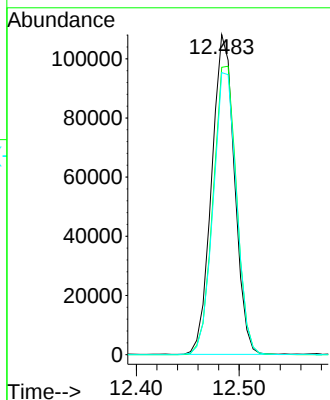
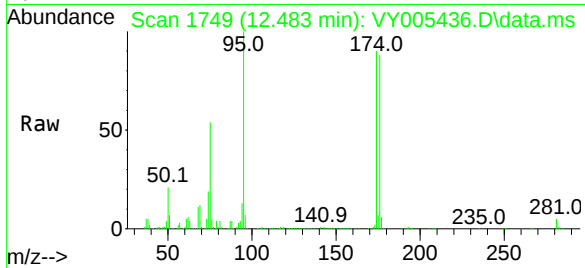




#62
4-Bromofluorobenzene
Concen: 58.211 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

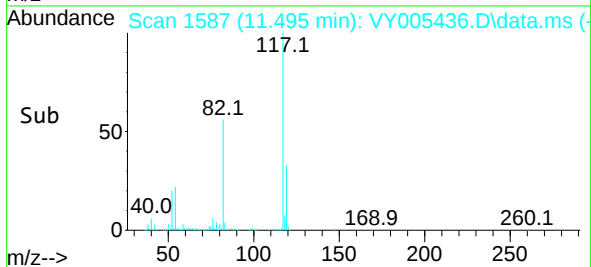
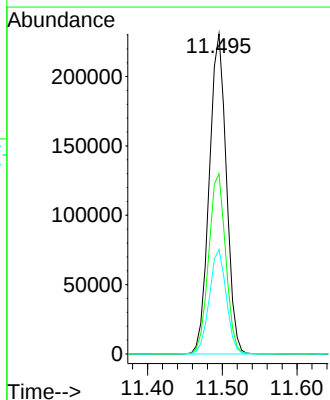
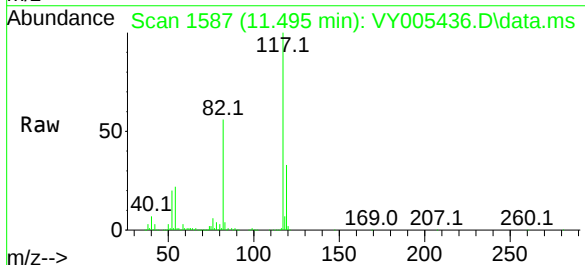
Instrument :
MSVOA_Y
ClientSampleId :
20210467-53

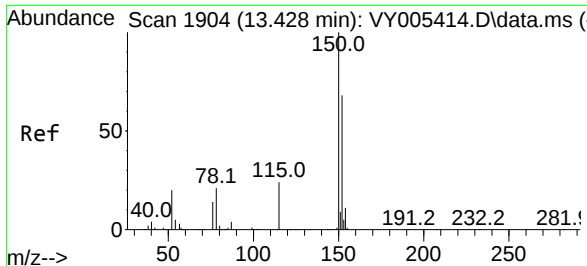
Tgt Ion: 95 Resp: 166850
Ion Ratio Lower Upper
95 100
174 92.4 0.0 186.6
176 90.0 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion: 117 Resp: 365905
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.6
119 32.6 24.8 37.2

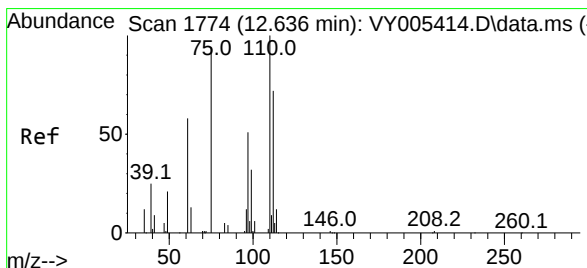
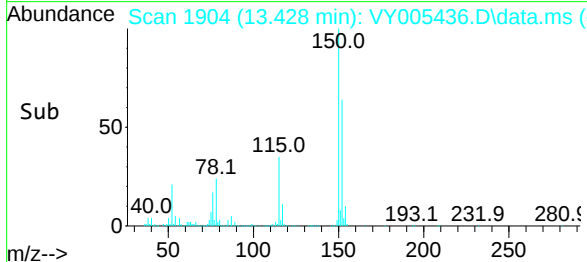
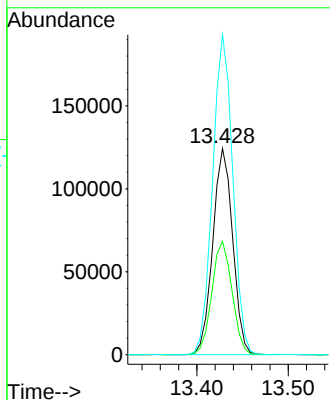
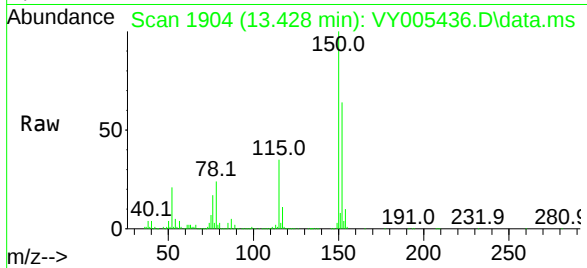




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005436.D
 Acq: 23 Jul 2021 23:14

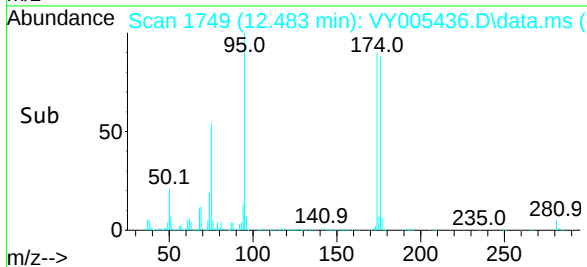
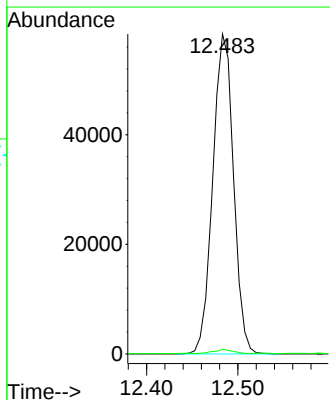
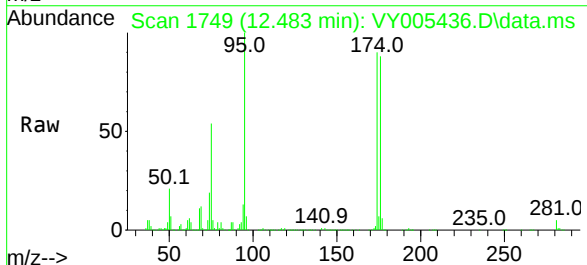
Instrument :
 MSVOA_Y
 ClientSampleId :
 20210467-53

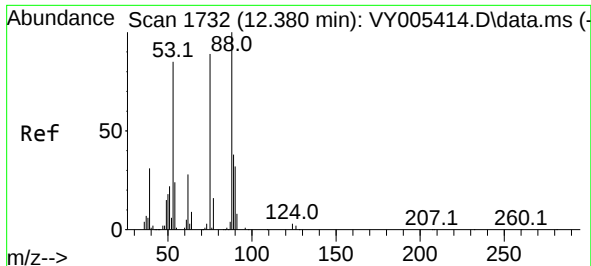
Tgt Ion:152 Resp: 188196
 Ion Ratio Lower Upper
 152 100
 115 55.9 27.7 83.1
 150 157.3 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 49.647 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005436.D
 Acq: 23 Jul 2021 23:14

Tgt Ion: 75 Resp: 91936
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

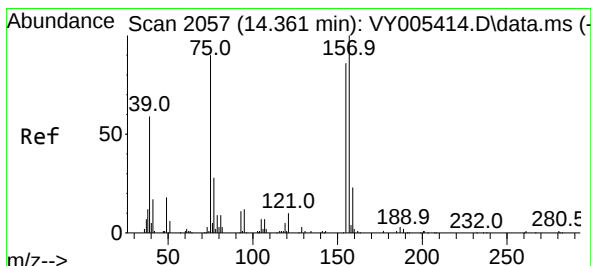
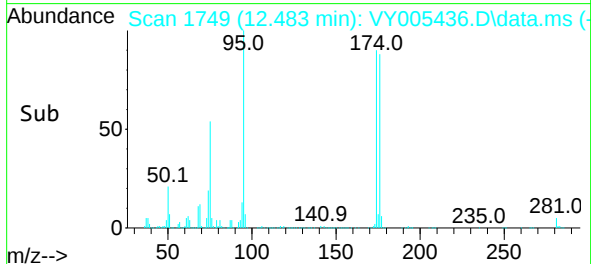
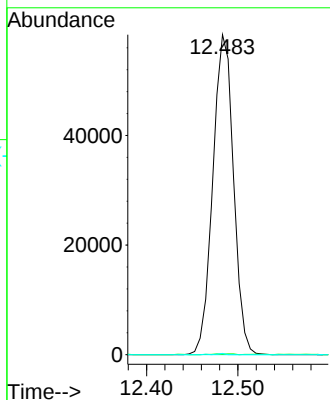
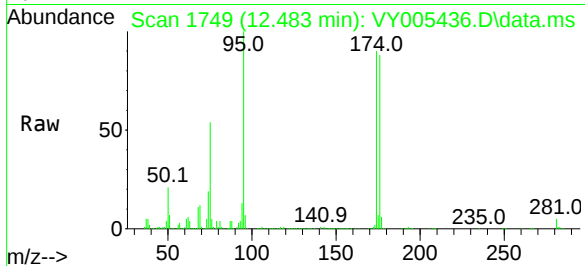




#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.400 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005436.D
 Acq: 23 Jul 2021 23:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210467-53

Tgt Ion: 75 Resp: 91936
 Ion Ratio Lower Upper
 75 100
 53 0.3 76.1 114.1#
 89 0.2 36.9 55.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.580 ug/l
 RT: 14.403 min Scan# 2064
 Delta R.T. 0.042 min
 Lab File: VY005436.D
 Acq: 23 Jul 2021 23:14

Tgt Ion: 75 Resp: 759
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.6 130.8#
 157 0.0 54.1 162.3#

