

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005587.D
 Acq On : 10 Aug 2021 11:57
 Operator : SY/MD
 Sample : M3328-02
 Misc : 6.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:36:20 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)

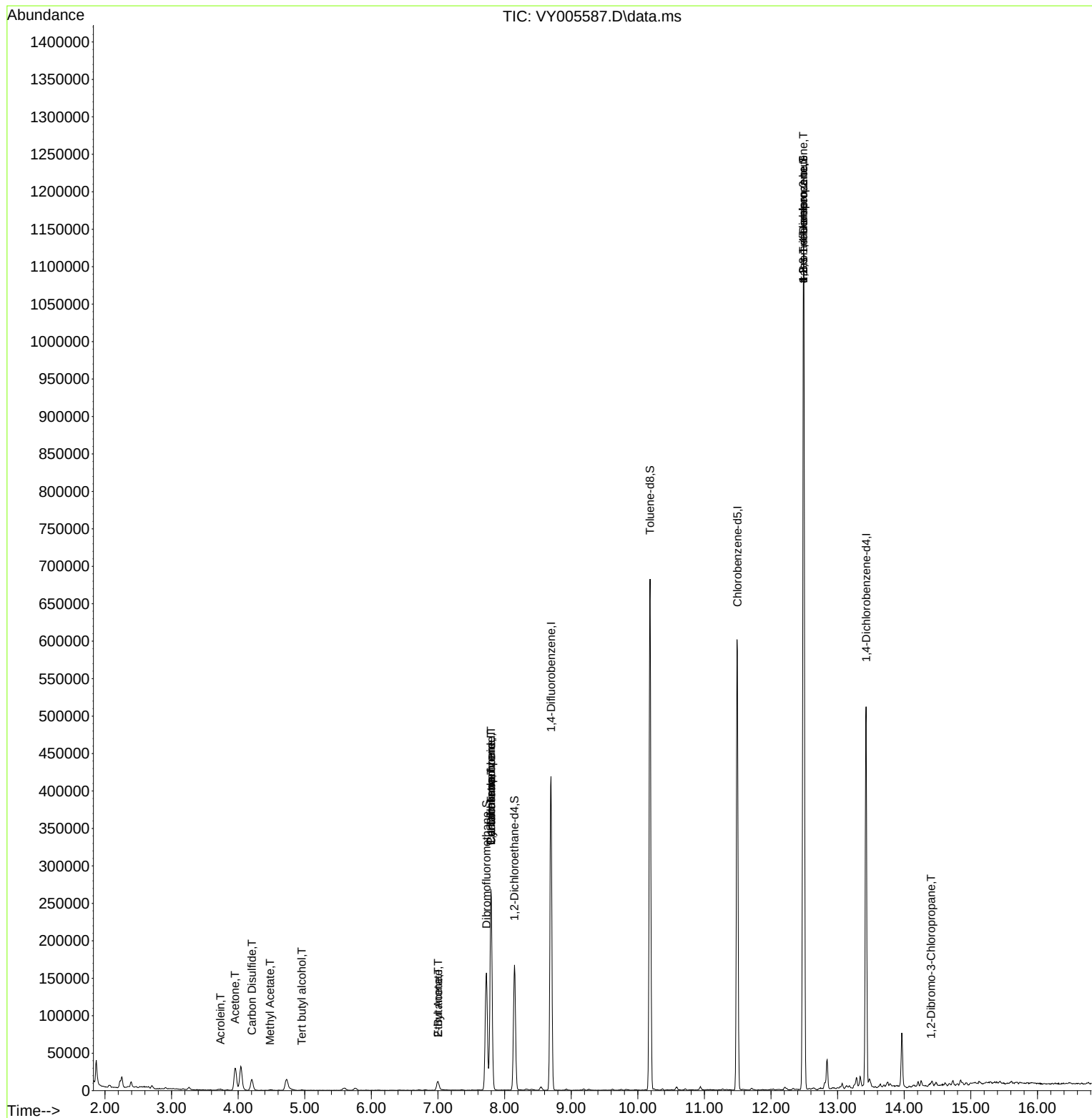
Internal Standards						
1) Pentafluorobenzene	7.795	168	216514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	354060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	327799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	135384	61.77	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.54%			
35) Dibromofluoromethane	7.728	113	106848	53.90	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.80%			
50) Toluene-d8	10.185	98	441526	53.11	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.22%			
62) 4-Bromofluorobenzene	12.483	95	139386	50.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.26%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	908	4.19	ug/l #	73
13) Acrolein	3.735	56	1476	11.29	ug/l #	41
16) Acetone	3.954	43	52773	95.50	ug/l	94
17) Carbon Disulfide	4.204	76	28502	4.96	ug/l	100
18) Methyl Acetate	4.479	43	1720	1.19	ug/l #	90
20) Methylene Chloride	4.729	84	10939	Below Cal	#	87
25) 2-Butanone	7.003	43	18242	22.33	ug/l	97
31) Cyclohexane	7.795	56	4388	1.17	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15568	4.69	ug/l #	49
37) Ethyl Acetate	7.003	43	18242	9.07	ug/l #	69
38) Carbon Tetrachloride	7.795	117	19964	5.53	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	79929	58.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79929	117.24	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.404	75	620	1.84	ug/l #	1

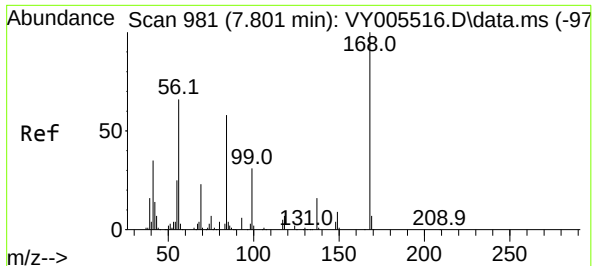
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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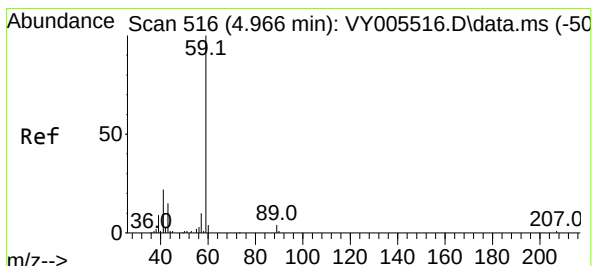
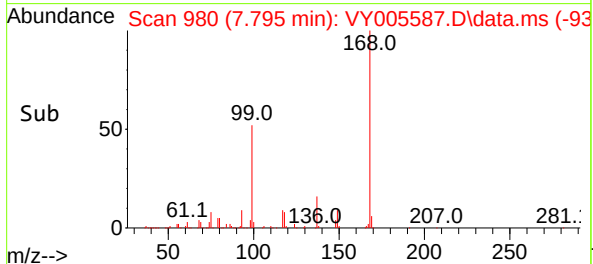
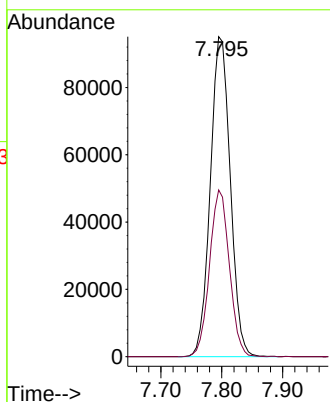
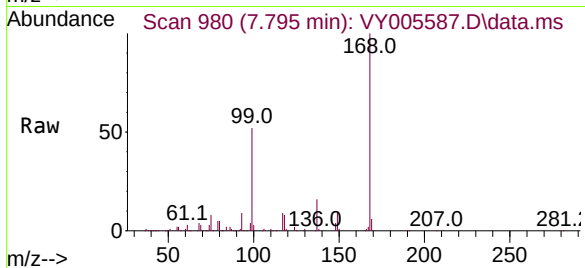




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

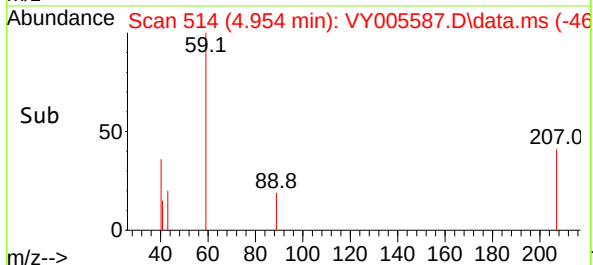
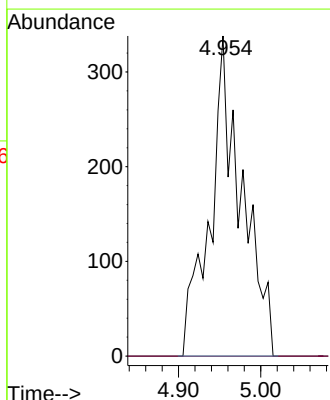
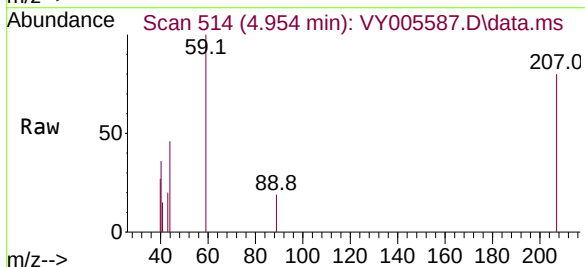
Instrument :
MSVOA_Y
ClientSampleId :

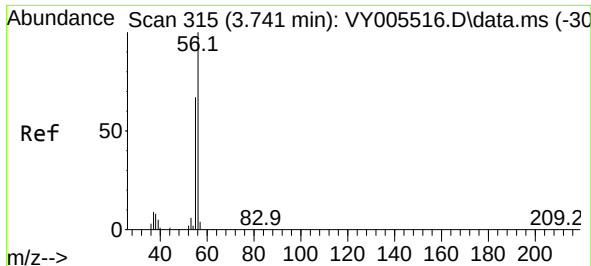
Tgt Ion:168 Resp: 216514
Ion Ratio Lower Upper
168 100
99 52.1 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.19 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

Tgt Ion: 59 Resp: 908
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

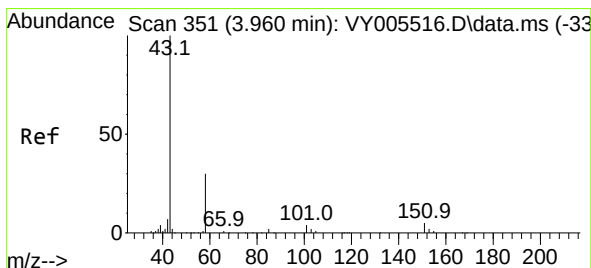
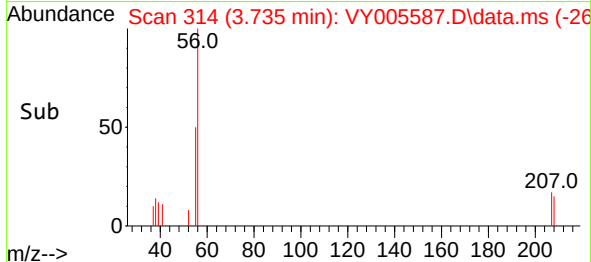
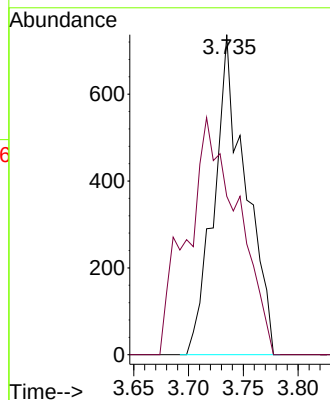
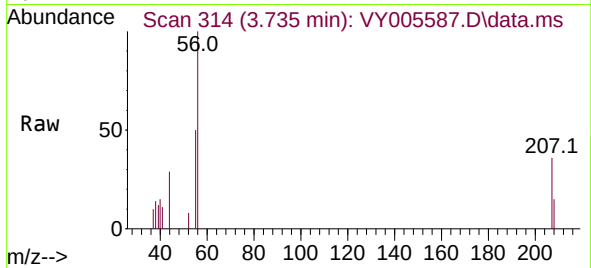




#13
Acrolein
Concen: 11.29 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

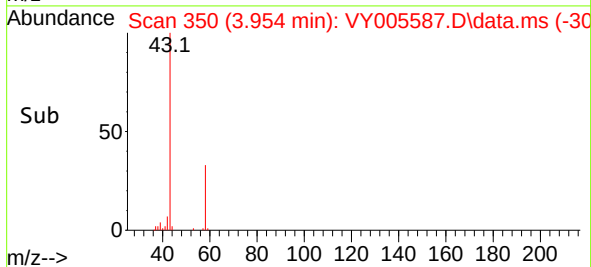
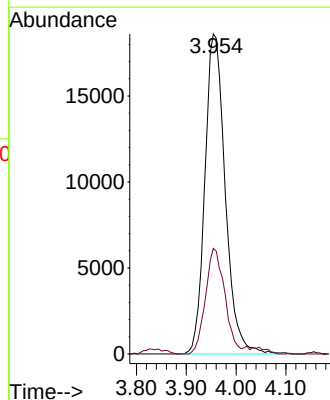
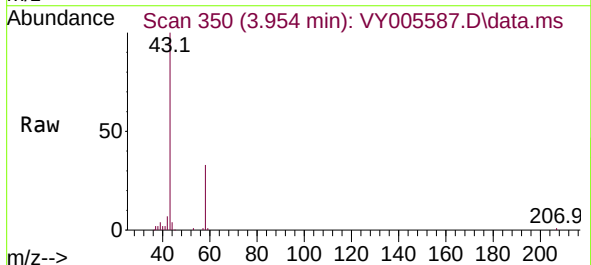
Instrument :
MSVOA_Y
ClientSampled :

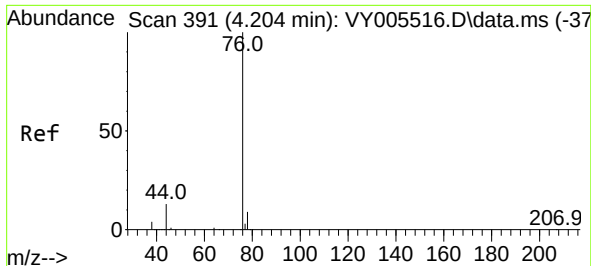
Tgt Ion: 56 Resp: 1476
Ion Ratio Lower Upper
56 100
55 118.9 56.5 84.7#



#16
Acetone
Concen: 95.50 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

Tgt Ion: 43 Resp: 52773
Ion Ratio Lower Upper
43 100
58 33.0 23.8 35.6

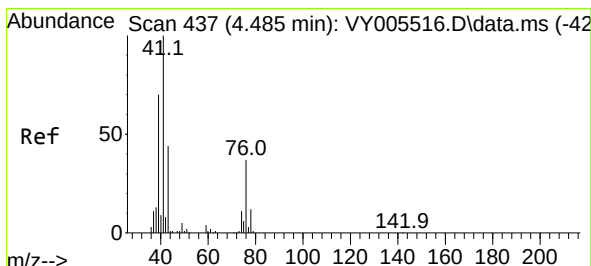
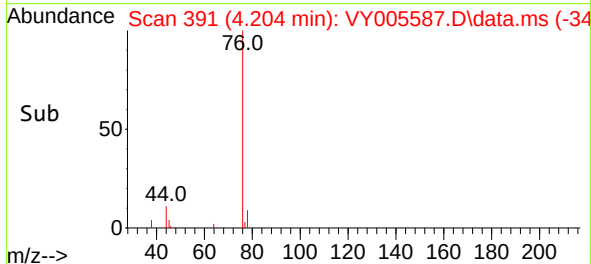
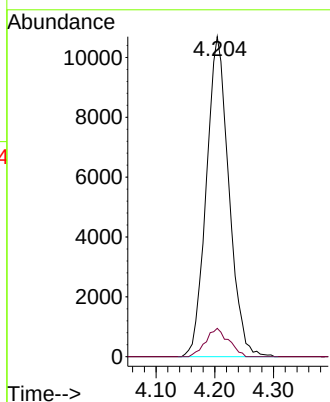
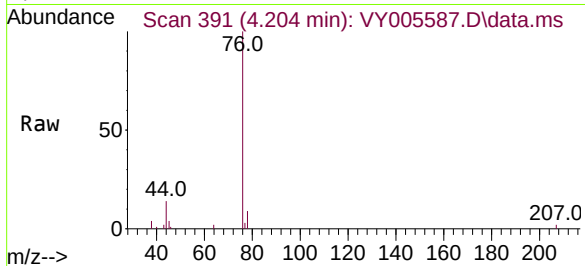




#17
Carbon Disulfide
Concen: 4.96 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

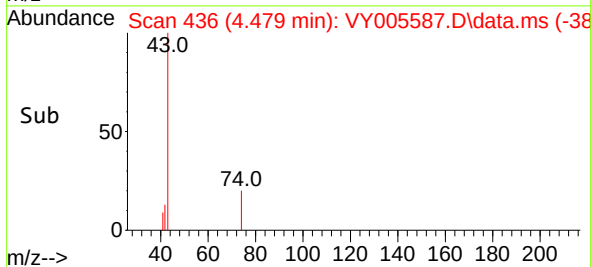
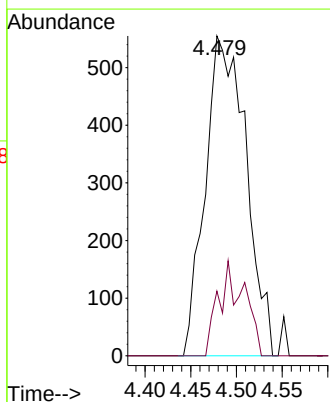
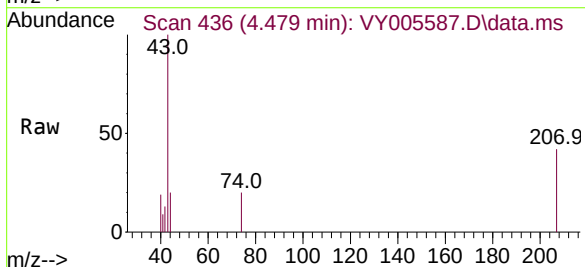
Instrument :
MSVOA_Y
ClientSampled :

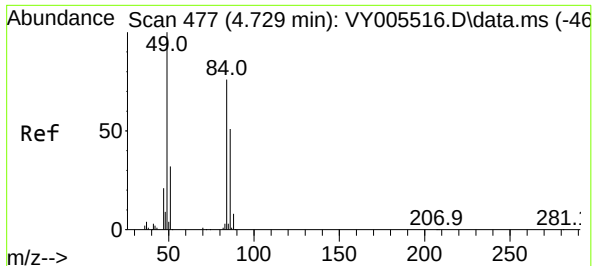
Tgt Ion: 76 Resp: 28502
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 1.19 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

Tgt Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
74 18.7 19.0 28.6#

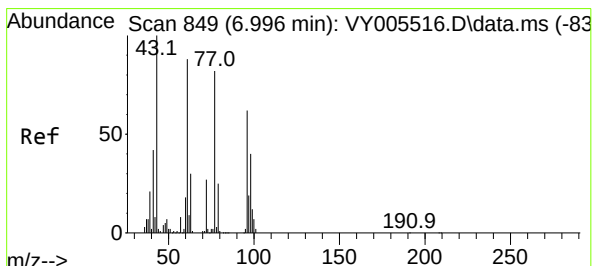
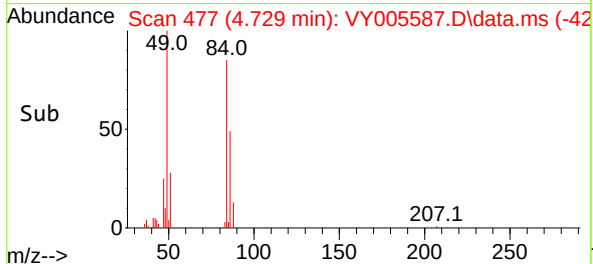
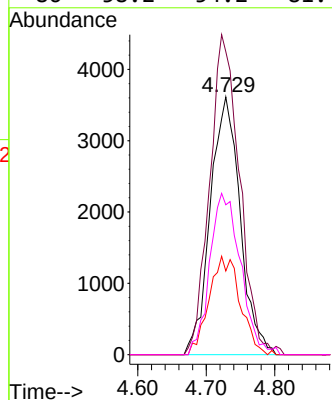
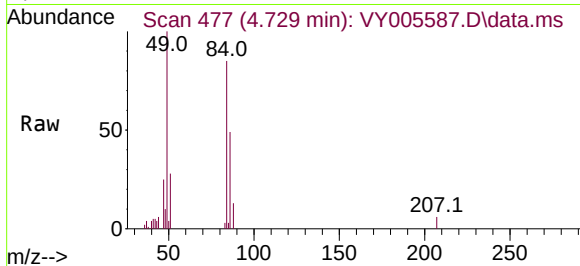




#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

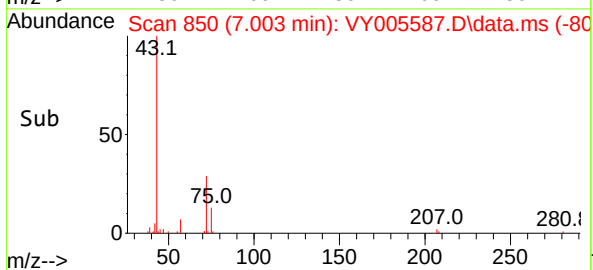
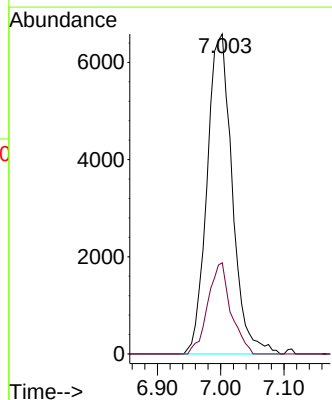
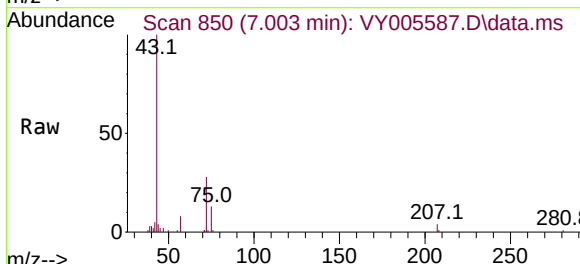
Instrument :
MSVOA_Y
ClientSampleId :

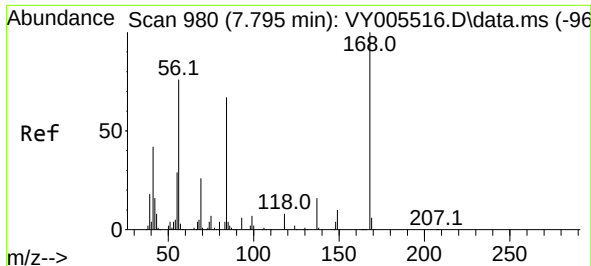
Tgt Ion:	84	Resp:	10939
Ion	Ratio	Lower	Upper
84	100		
49	117.5	105.8	158.6
51	32.5	33.4	50.2#
86	58.2	54.2	81.4



#25
2-Butanone
Concen: 22.33 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

Tgt Ion:	43	Resp:	18242
Ion	Ratio	Lower	Upper
43	100		
72	28.5	21.4	32.2

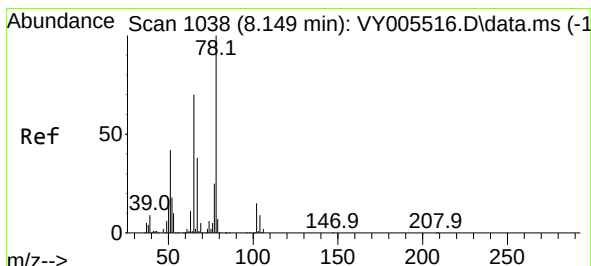
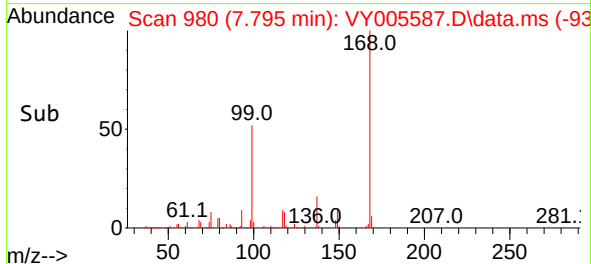
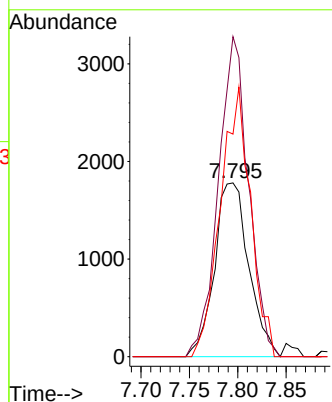
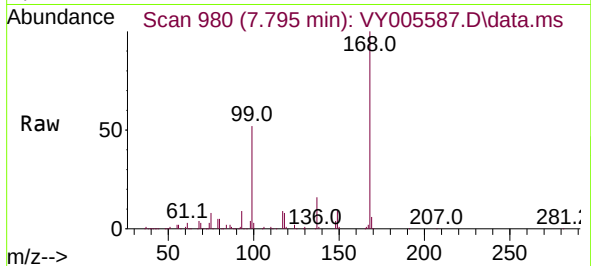




#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

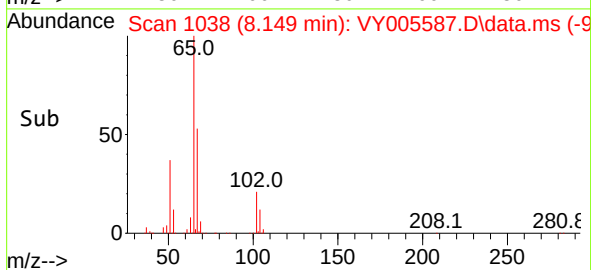
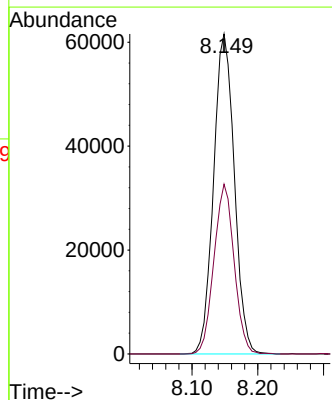
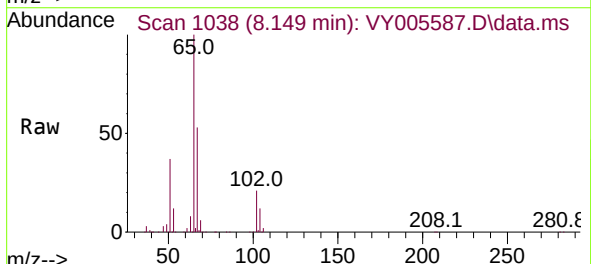
Instrument :
MSVOA_Y
ClientSampleId :

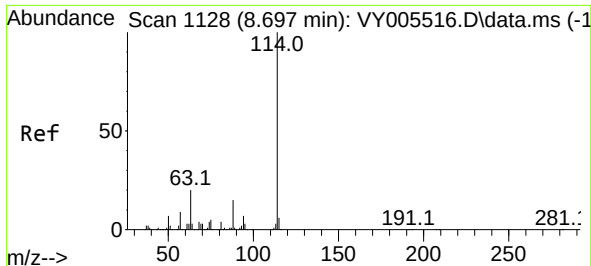
Tgt Ion: 56 Resp: 4388
Ion Ratio Lower Upper
56 100
69 184.1 27.7 41.5#
84 128.1 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 61.77 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

Tgt Ion: 65 Resp: 135384
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4

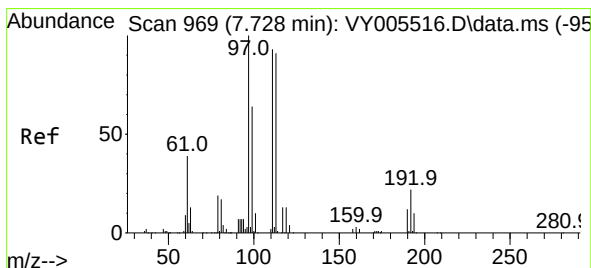
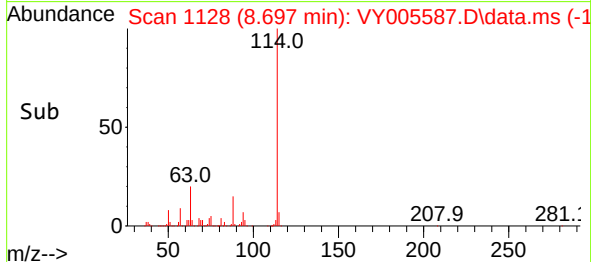
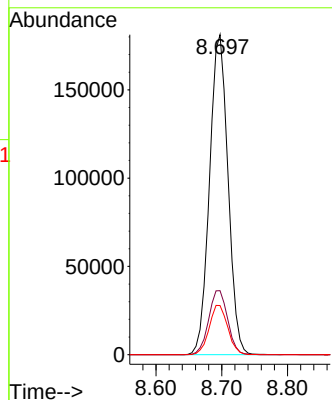
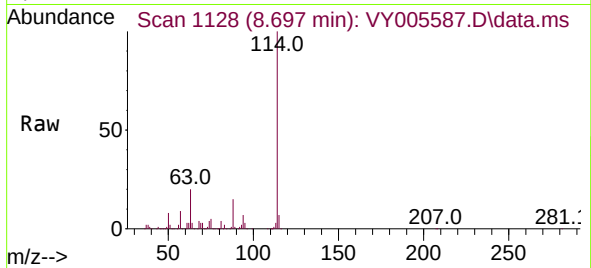




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

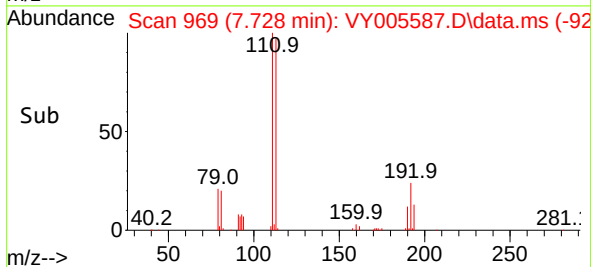
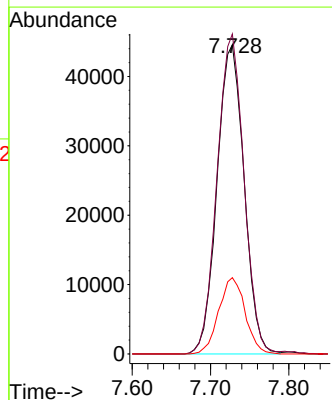
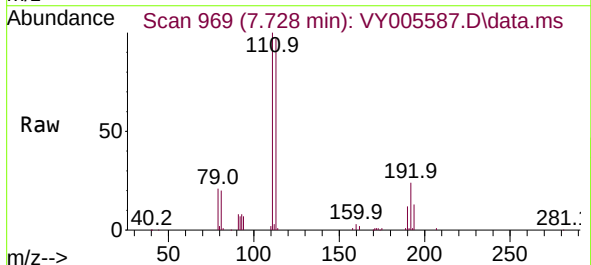
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MSVOA_Y
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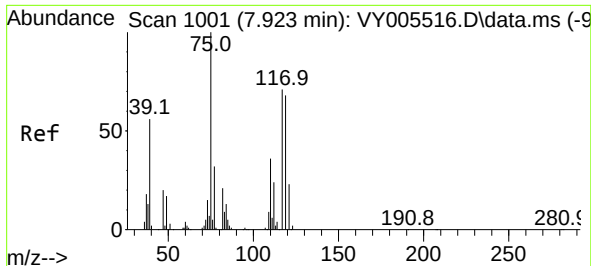
Tgt Ion:114 Resp: 354060
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.90 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

Tgt Ion:113 Resp: 106848
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 24.1 19.2 28.8

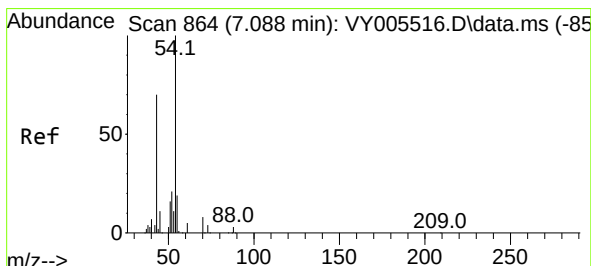
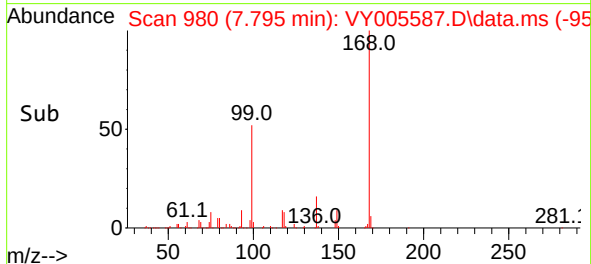
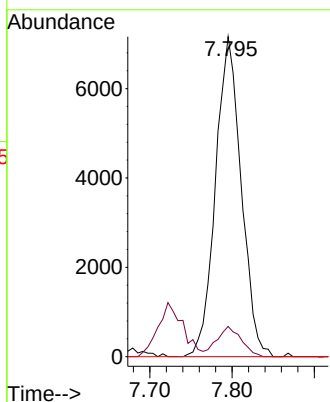
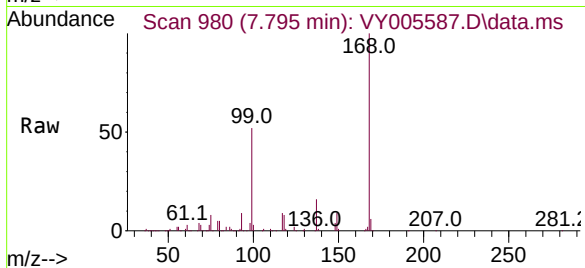




#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

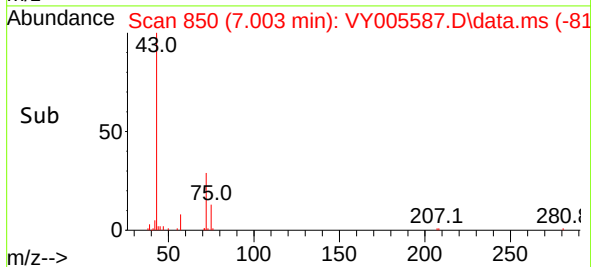
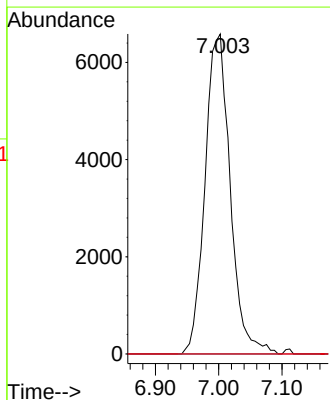
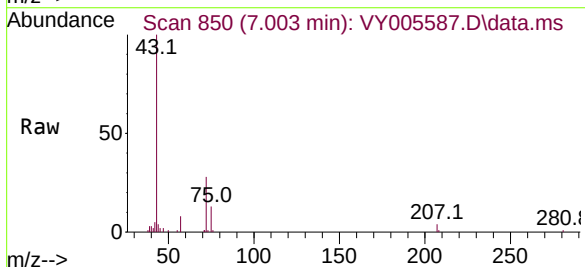
Instrument :
MSVOA_Y
ClientSampleId :

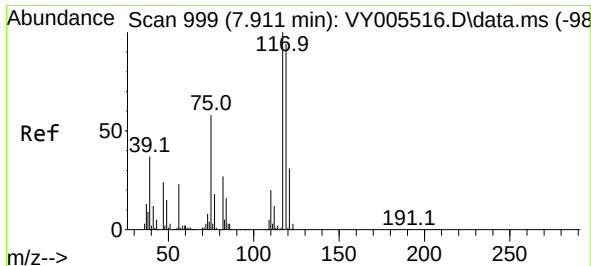
Tgt Ion: 75 Resp: 15568
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.1#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 9.07 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

Tgt Ion: 43 Resp: 18242
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.6 13.0#

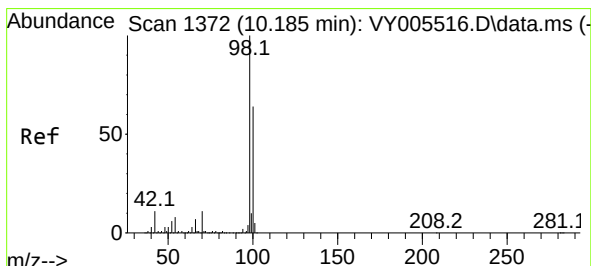
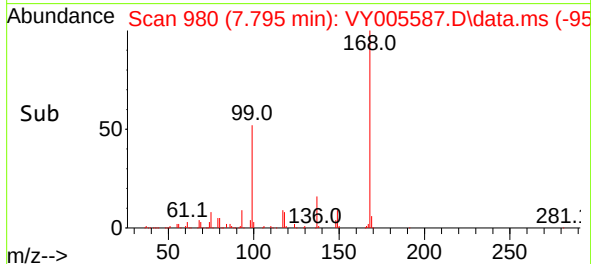
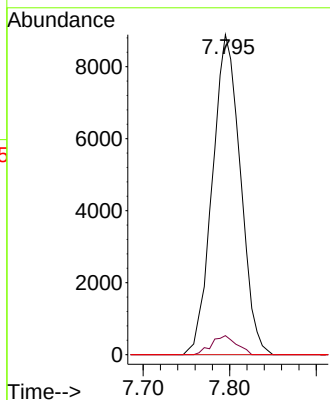
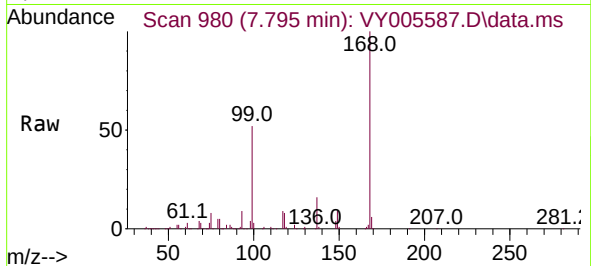




#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

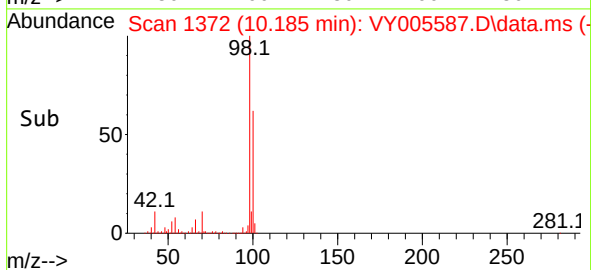
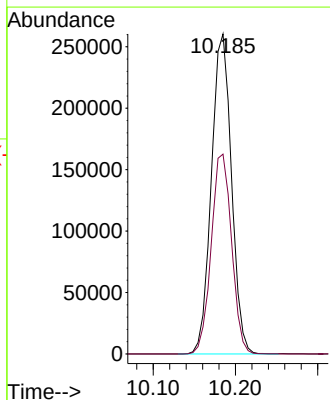
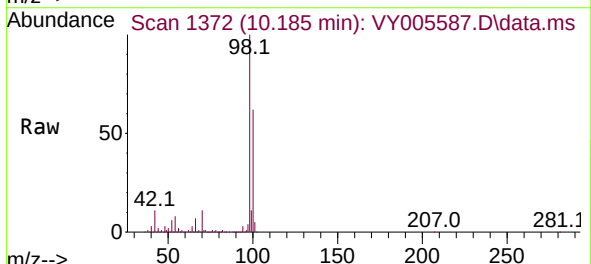
Instrument :
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ClientSampleId :

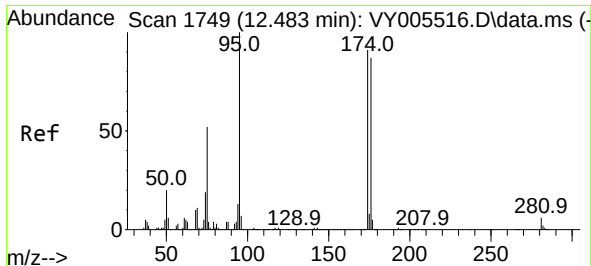
Tgt Ion:117 Resp: 19964
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.11 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

Tgt Ion: 98 Resp: 441526
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9

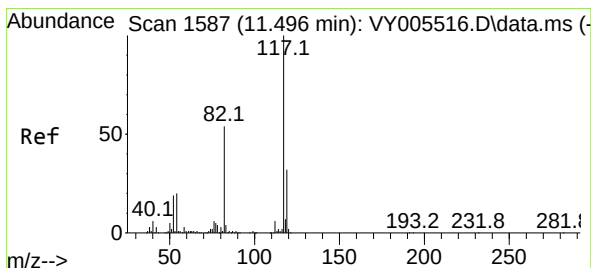
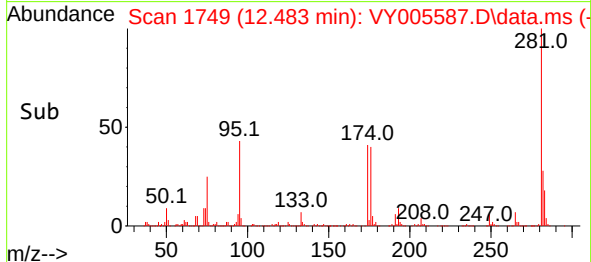
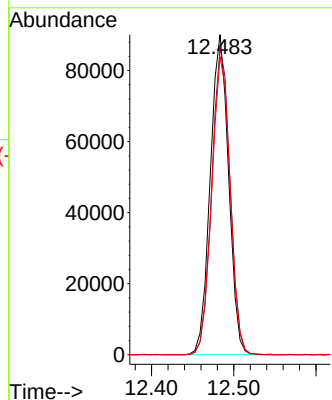
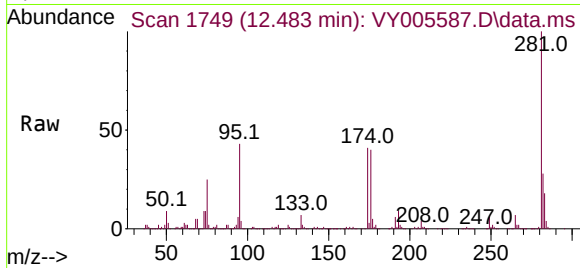




#62
4-Bromofluorobenzene
Concen: 50.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

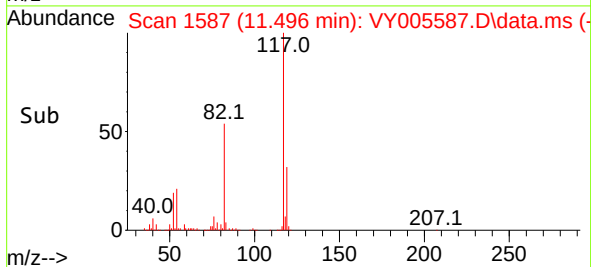
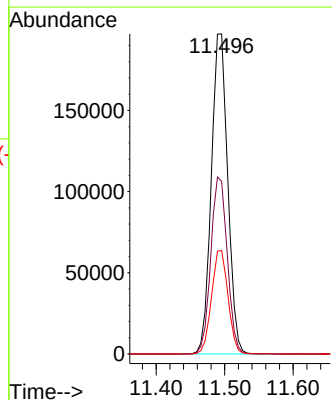
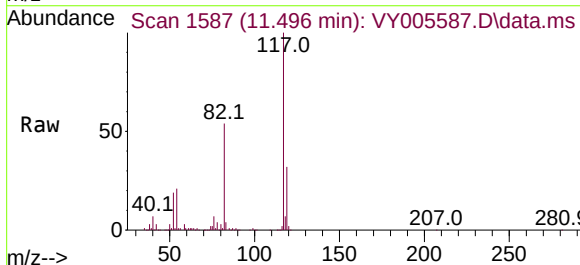
Instrument :
MSVOA_Y
ClientSampleId :

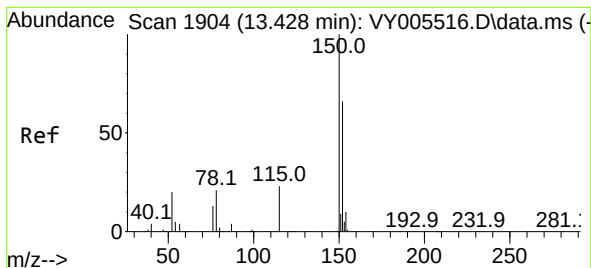
Tgt Ion: 95 Resp: 139386
Ion Ratio Lower Upper
95 100
174 95.9 0.0 191.4
176 93.3 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

Tgt Ion: 117 Resp: 327799
Ion Ratio Lower Upper
117 100
82 54.0 43.5 65.3
119 32.4 25.5 38.3

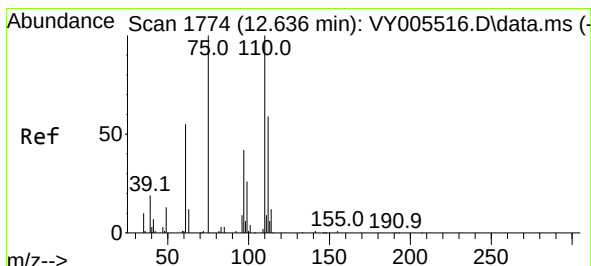
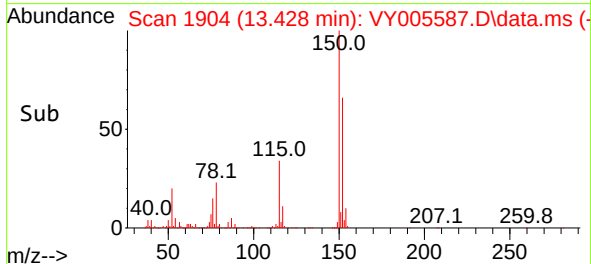
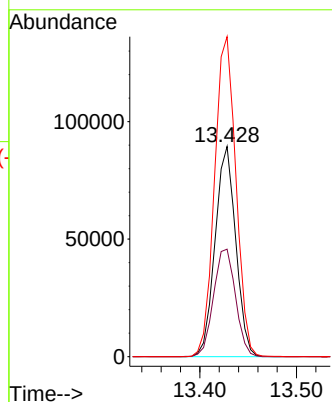
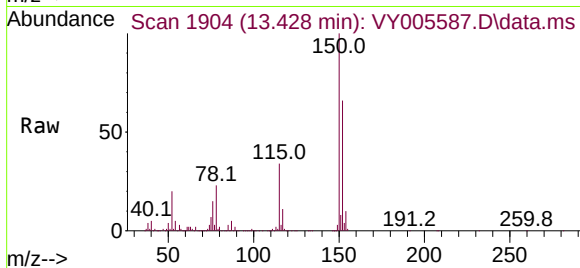




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005587.D
 Acq: 10 Aug 2021 11:57

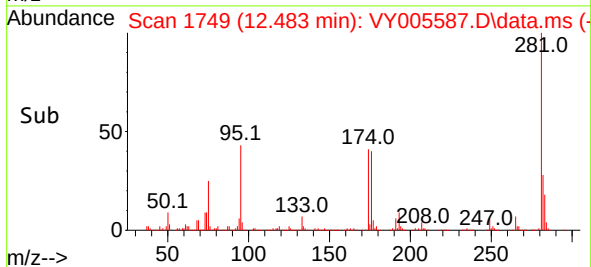
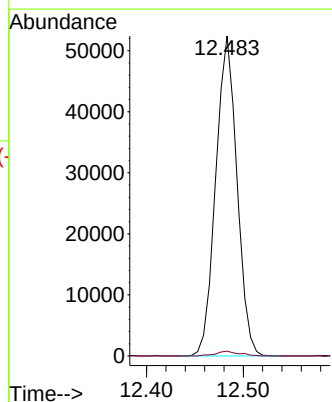
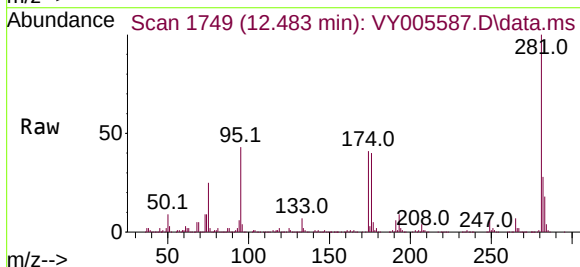
Instrument :
 MSVOA_Y
 ClientSampleId :

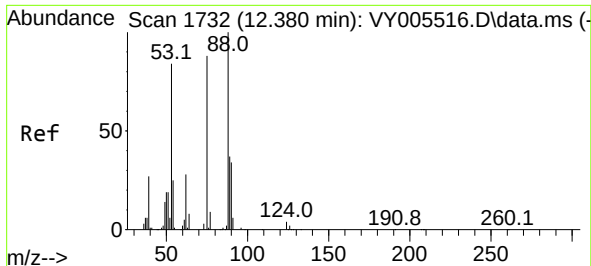
Tgt Ion:152 Resp: 132618
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.3 81.9
 150 157.2 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 58.16 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005587.D
 Acq: 10 Aug 2021 11:57

Tgt Ion: 75 Resp: 79929
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

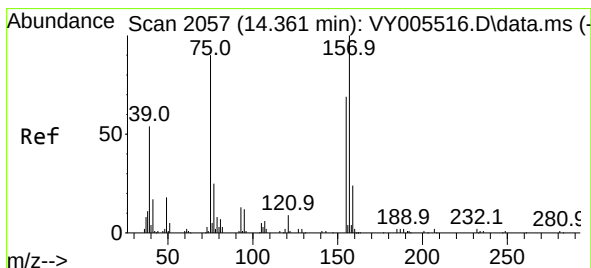
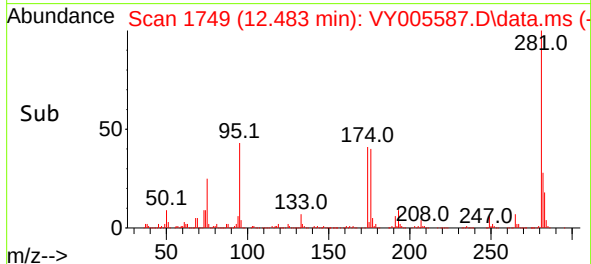
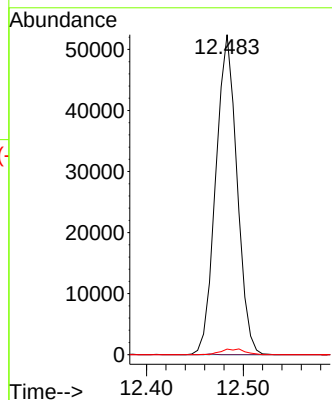
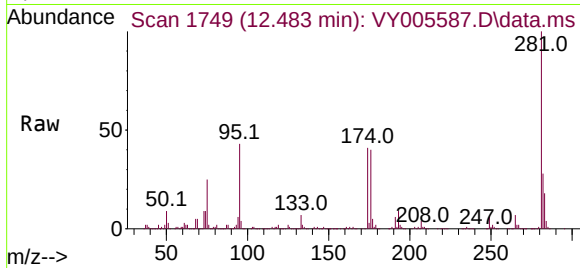




#81
trans-1,4-Dichloro-2-butene
Concen: 117.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 79929
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 2.0 38.4 57.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.84 ug/l
RT: 14.404 min Scan# 2064
Delta R.T. 0.043 min
Lab File: VY005587.D
Acq: 10 Aug 2021 11:57

Tgt Ion: 75 Resp: 620
Ion Ratio Lower Upper
75 100
155 0.0 42.4 127.1#
157 0.0 56.0 168.2#

