

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005803.D
 Acq On : 20 Aug 2021 19:10
 Operator : SY/MD
 Sample : M3502-03
 Misc : 6.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 POST-MAEC-02

Quant Time: Aug 23 01:10:29 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)

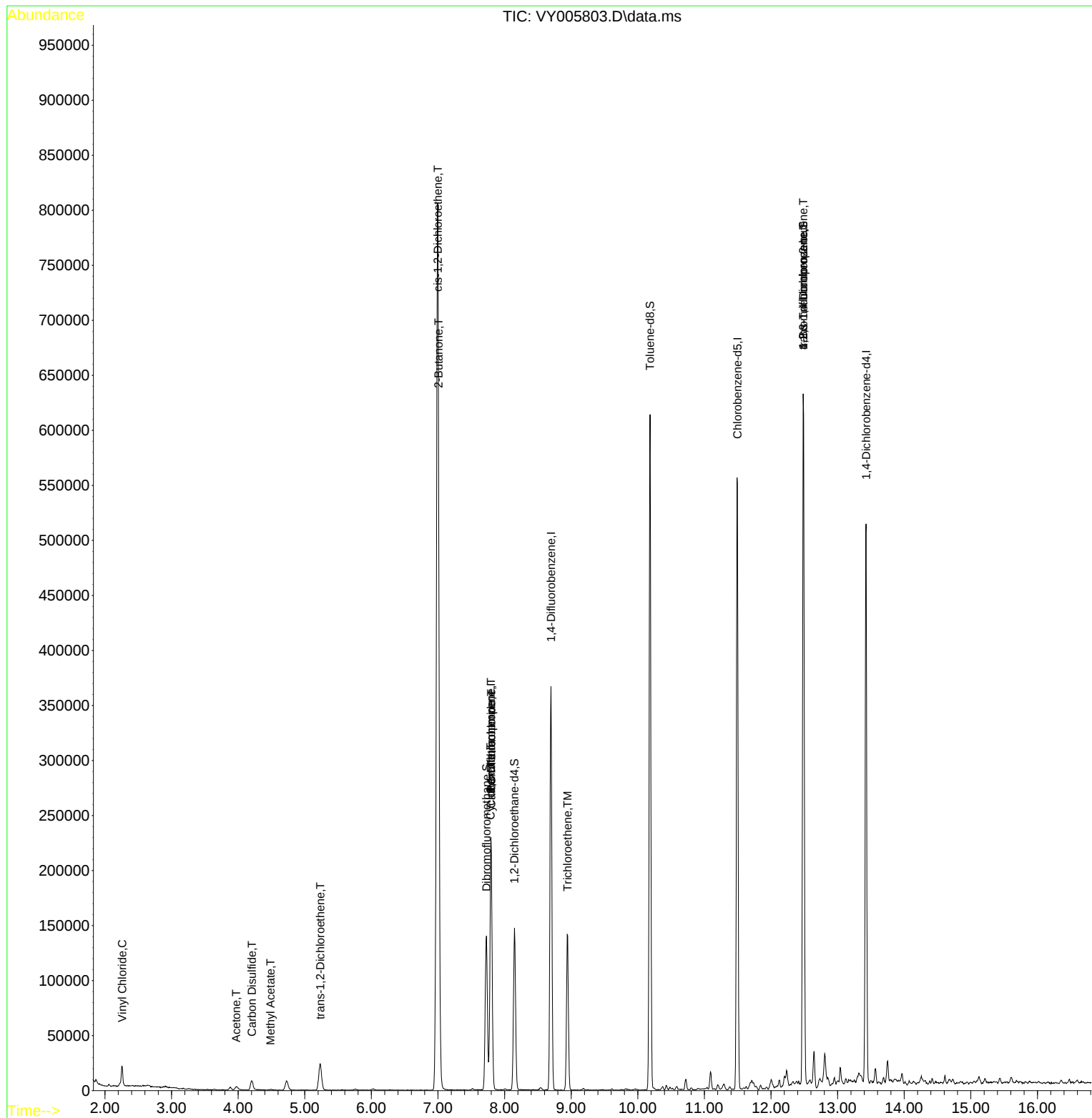
Internal Standards						
1) Pentafluorobenzene	7.795	168	184243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	305692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118277	63.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.840%			
35) Dibromofluoromethane	7.728	113	94571	55.040	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.080%			
50) Toluene-d8	10.185	98	395591	54.897	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.800%			
62) 4-Bromofluorobenzene	12.483	95	128761	53.959	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.920%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.259	62	17404	8.038	ug/l	95
16) Acetone	3.972	43	7442	15.827	ug/l #	88
17) Carbon Disulfide	4.204	76	18136	3.705	ug/l	96
18) Methyl Acetate	4.485	43	1387	1.128	ug/l #	86
20) Methylene Chloride	4.722	84	6304	Below Cal		92
21) trans-1,2-Dichloroethene	5.234	96	15602	8.789	ug/l	94
25) 2-Butanone	7.008	43	1124	1.617	ug/l #	1
27) cis-1,2-Dichloroethene	6.996	96	495166	245.251	ug/l	92
31) Cyclohexane	7.789	56	3832	1.198	ug/l #	46
36) 1,1-Dichloropropene	7.795	75	12822	4.455	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16801	5.370	ug/l #	17
44) Trichloroethene	8.947	130	49264	21.898	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	72035	52.628	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72035	106.091	ug/l #	11

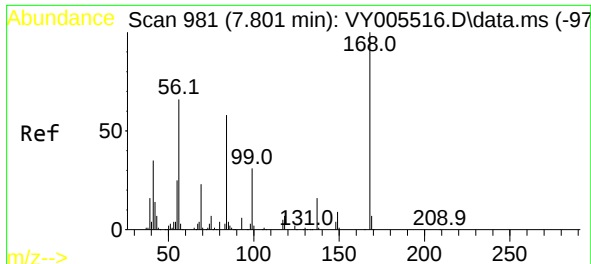
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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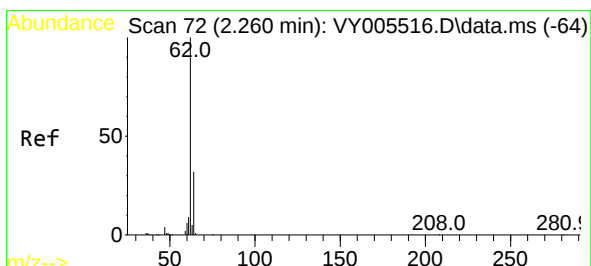
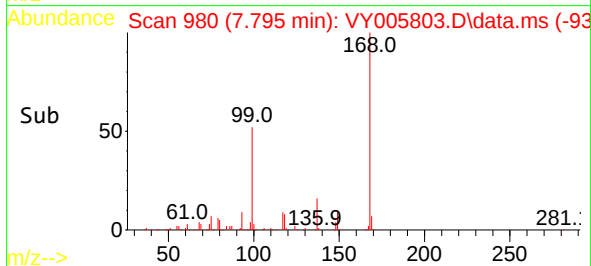
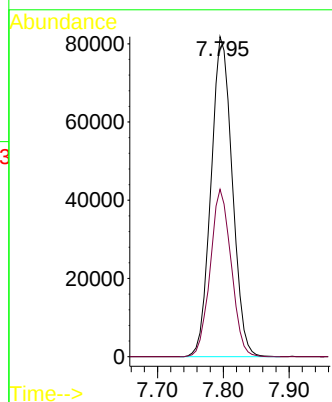
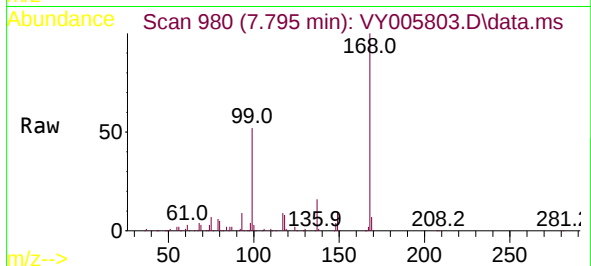




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

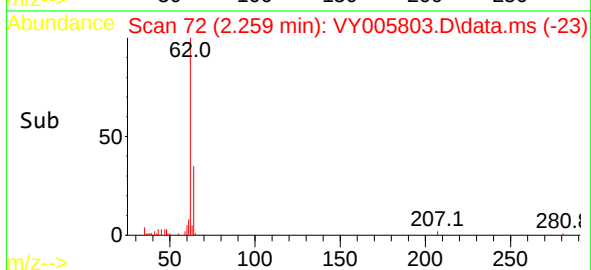
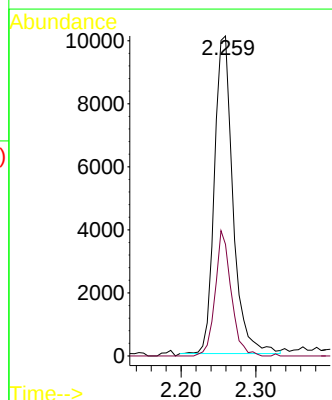
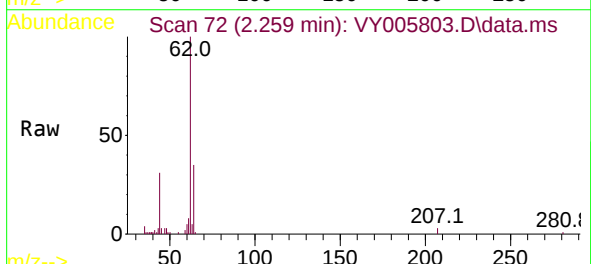
Instrument :
MSVOA_Y
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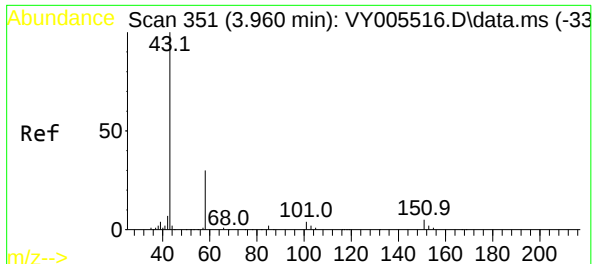
Tgt Ion:168 Resp: 184243
Ion Ratio Lower Upper
168 100
99 52.3 38.9 58.3



#4
Vinyl Chloride
Concen: 8.038 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Tgt Ion: 62 Resp: 17404
Ion Ratio Lower Upper
62 100
64 35.2 25.9 38.9

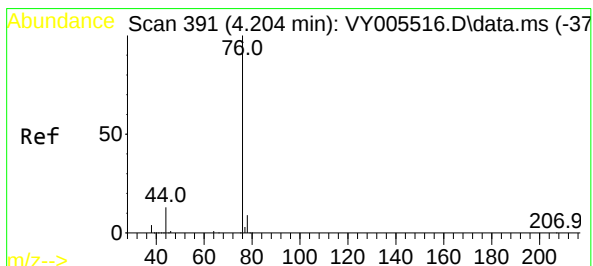
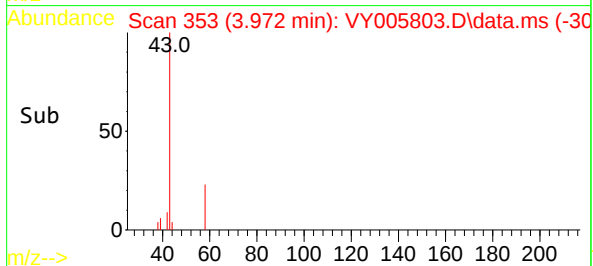
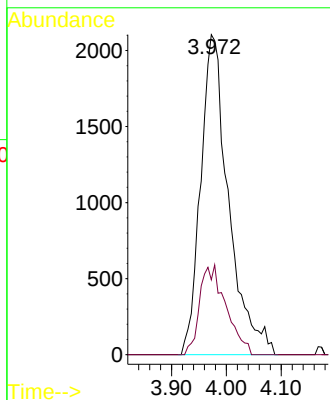
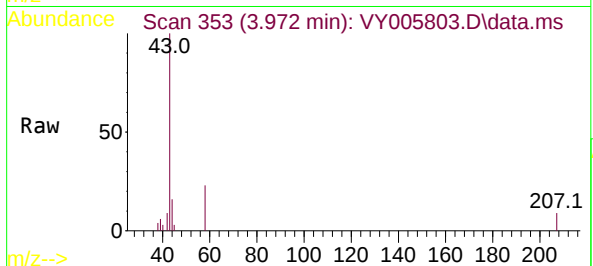




#16
Acetone
Concen: 15.827 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

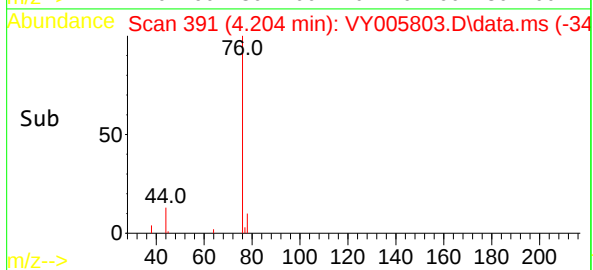
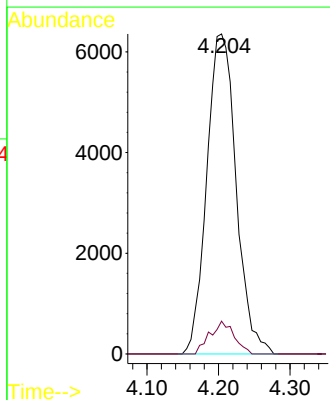
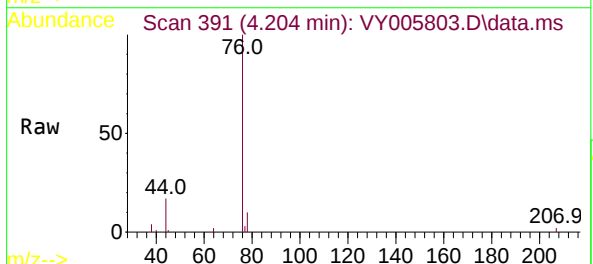
Instrument :
MSVOA_Y
ClientSampleId :
POST-MAEC-02

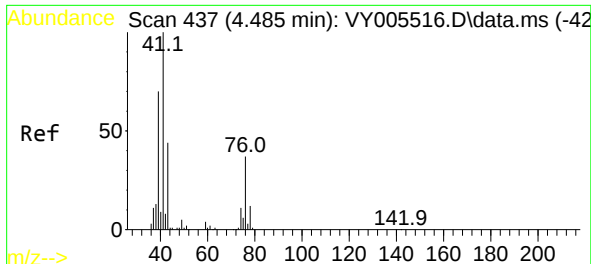
Tgt Ion: 43 Resp: 7442
Ion Ratio Lower Upper
43 100
58 23.4 23.8 35.6#



#17
Carbon Disulfide
Concen: 3.705 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Tgt Ion: 76 Resp: 18136
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6

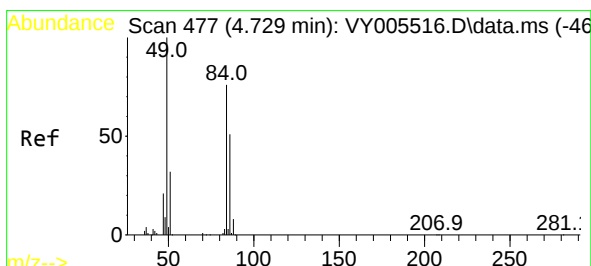
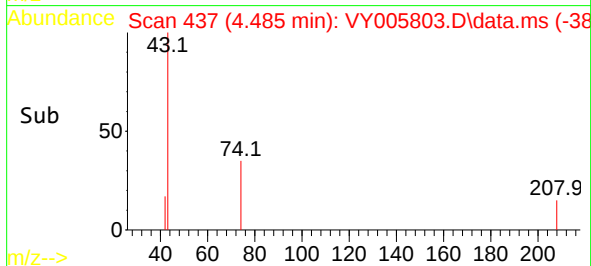
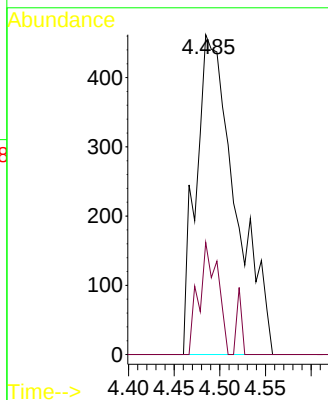
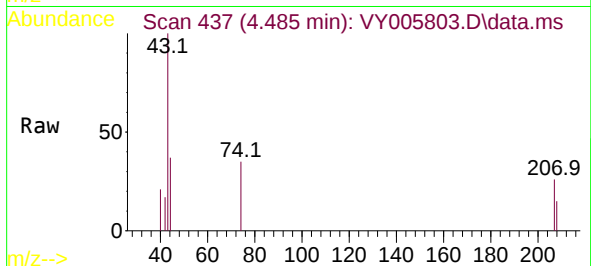




#18
Methyl Acetate
Concen: 1.128 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

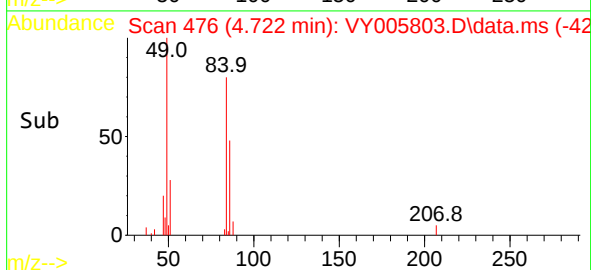
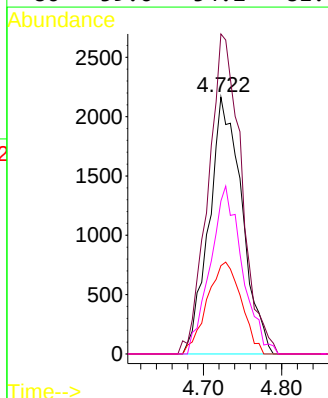
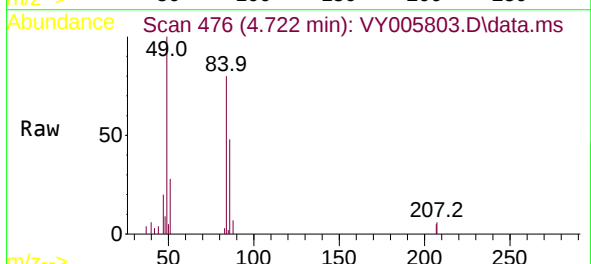
Instrument :
MSVOA_Y
ClientSampleId :
POST-MAEC-02

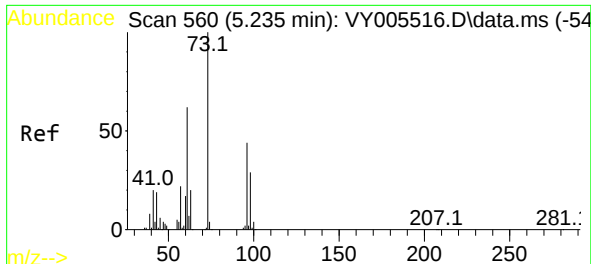
Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
74 16.7 19.0 28.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Tgt Ion: 84 Resp: 6304
Ion Ratio Lower Upper
84 100
49 124.6 105.8 158.6
51 34.4 33.4 50.2
86 59.6 54.2 81.4

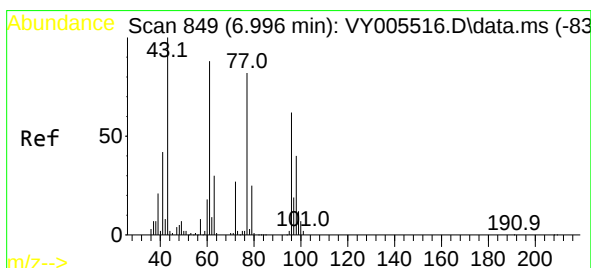
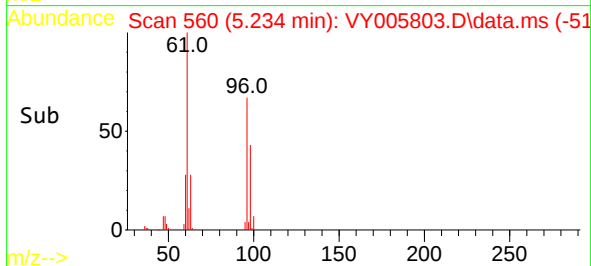
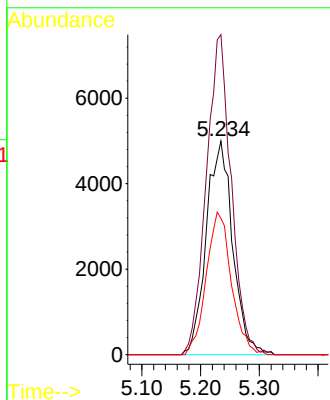
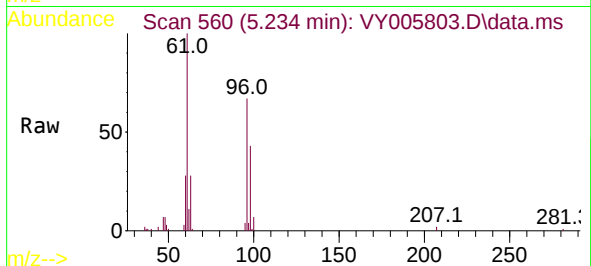




#21
trans-1,2-Dichloroethene
Concen: 8.789 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

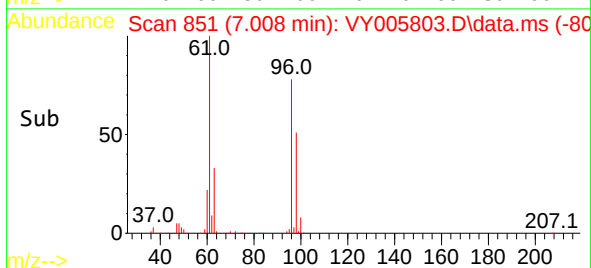
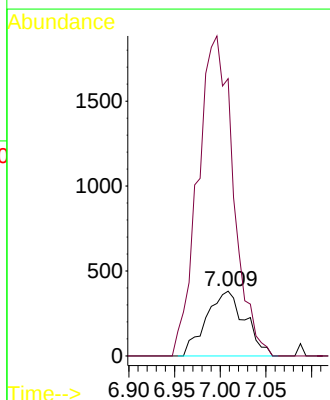
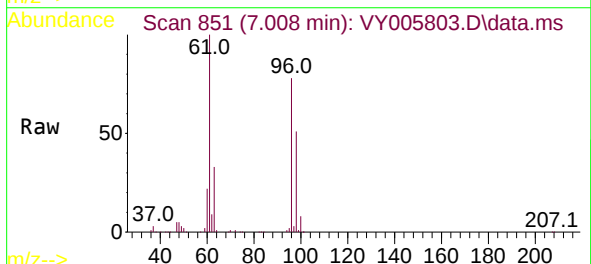
Instrument :
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POST-MAEC-02

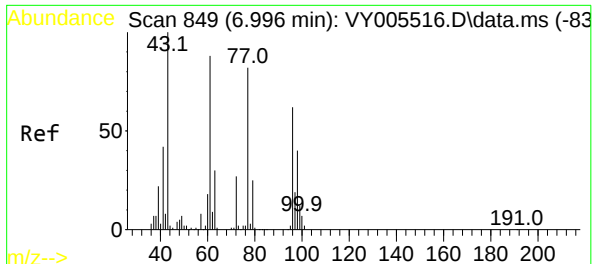
Tgt Ion: 96 Resp: 15602
Ion Ratio Lower Upper
96 100
61 149.8 112.6 168.8
98 63.8 52.2 78.4



#25
2-Butanone
Concen: 1.617 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
72 428.3 21.4 32.2#



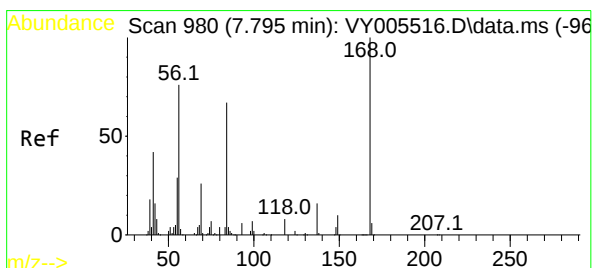
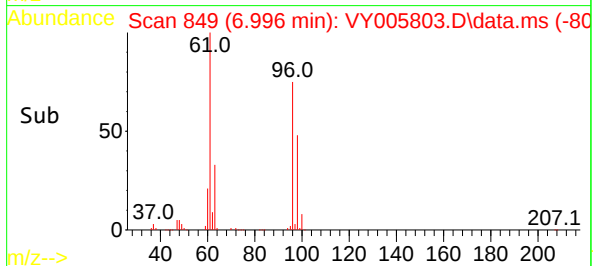
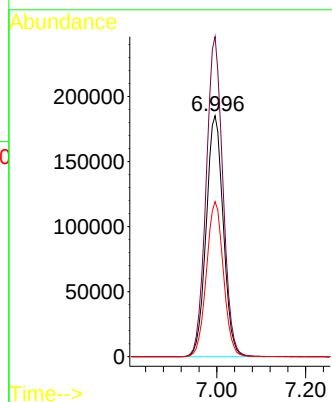
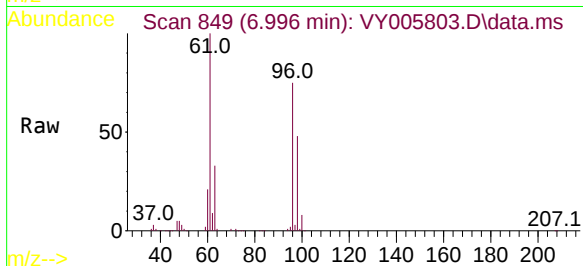


#27

cis-1,2-Dichloroethene
Concen: 245.251 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Instrument :
MSVOA_Y
ClientSampleId :
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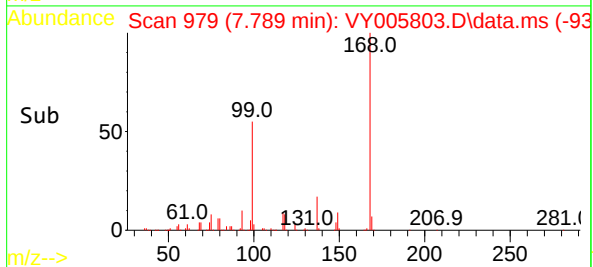
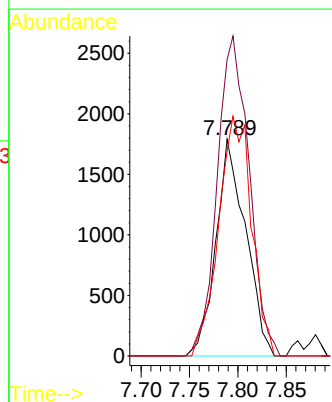
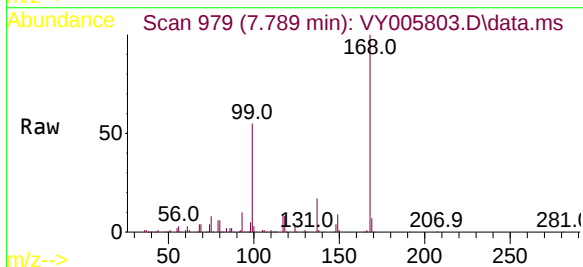
Tgt Ion: 96 Resp: 495166
Ion Ratio Lower Upper
96 100
61 130.3 0.0 290.0
98 64.0 0.0 128.0

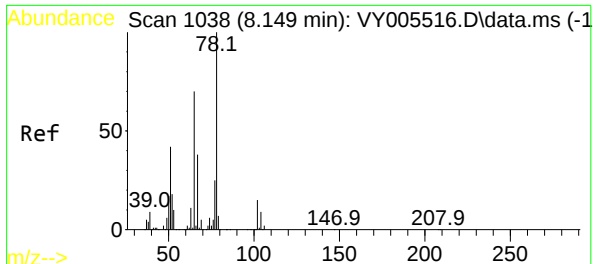


#31

Cyclohexane
Concen: 1.198 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Tgt Ion: 56 Resp: 3832
Ion Ratio Lower Upper
56 100
69 136.8 27.7 41.5#
84 94.6 70.9 106.3

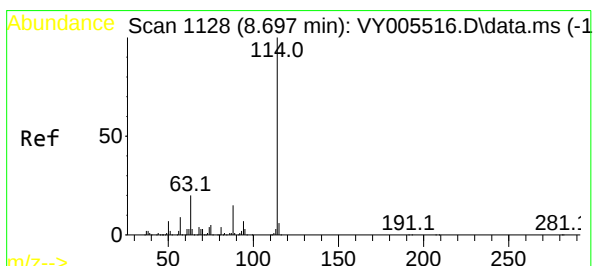
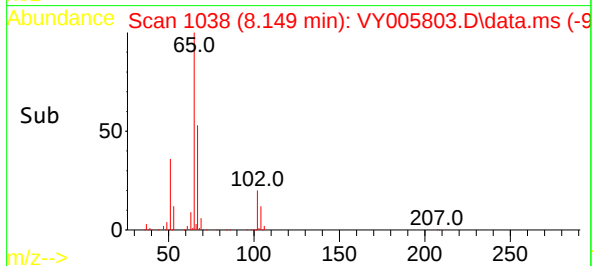
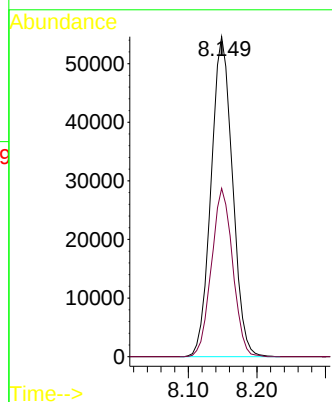
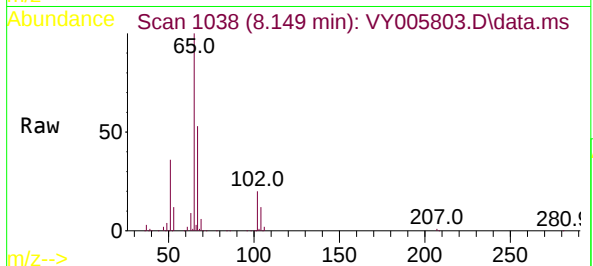




#33
1,2-Dichloroethane-d4
Concen: 63.419 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

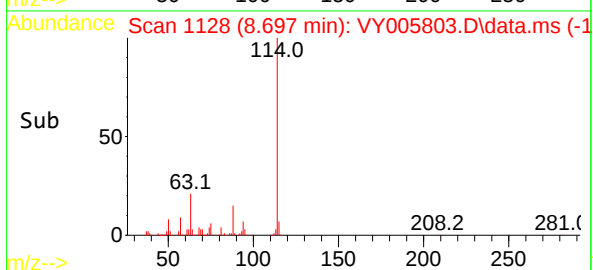
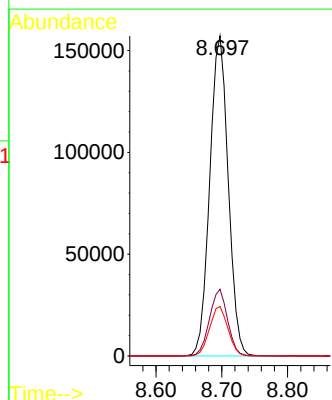
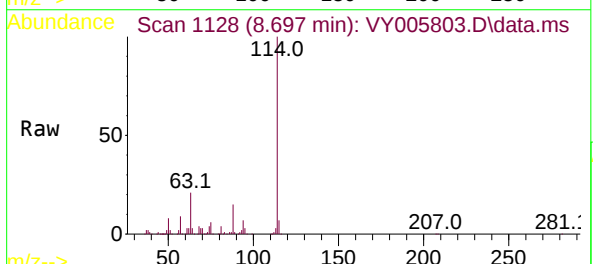
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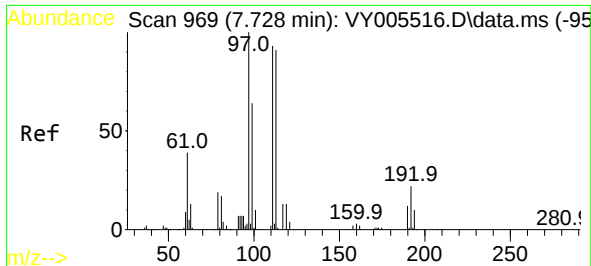
Tgt Ion: 65 Resp: 118277
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Tgt Ion: 114 Resp: 306892
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.2
88 15.4 0.0 30.8

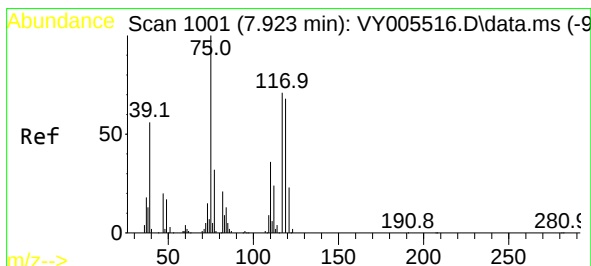
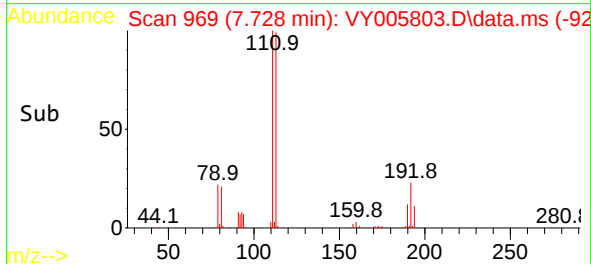
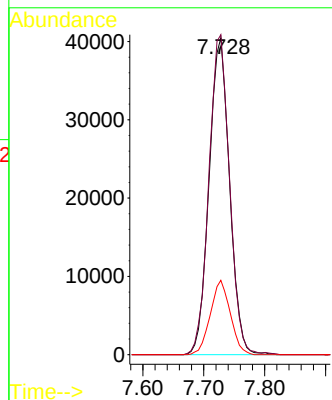
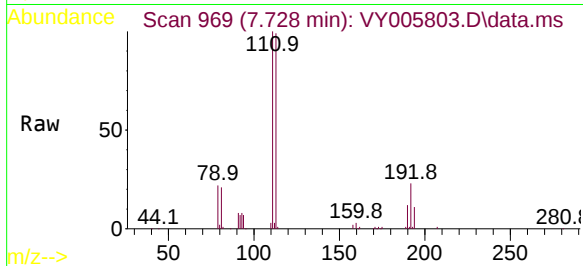




#35
Dibromofluoromethane
Concen: 55.040 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

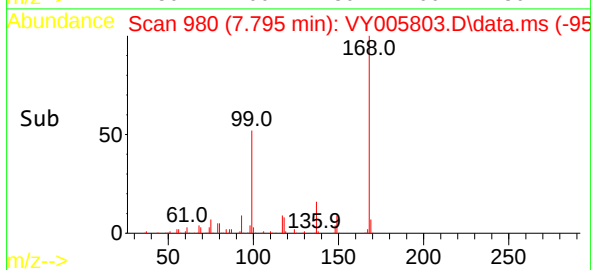
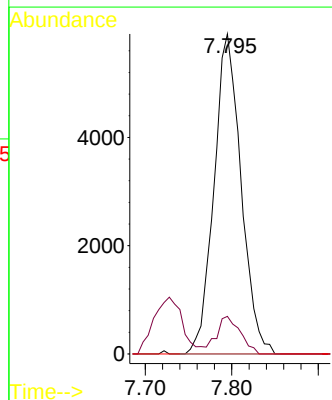
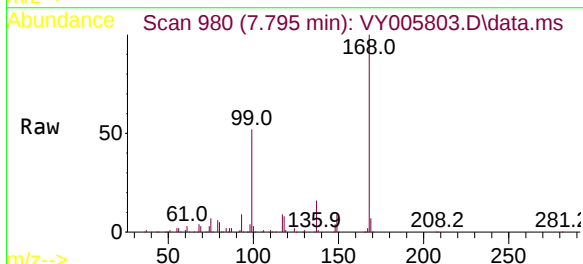
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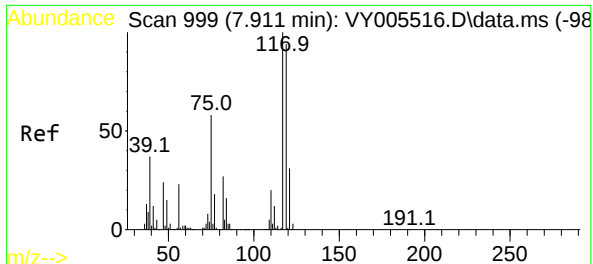
Tgt Ion:113 Resp: 94571
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 22.9 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.455 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Tgt Ion: 75 Resp: 12822
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.1#
77 0.0 25.1 37.7#

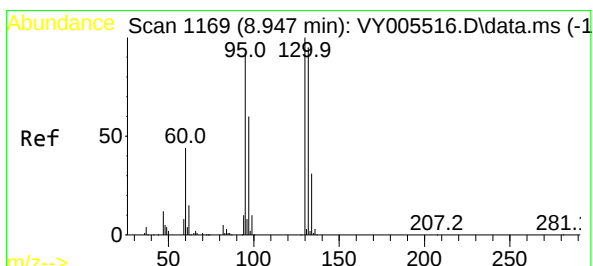
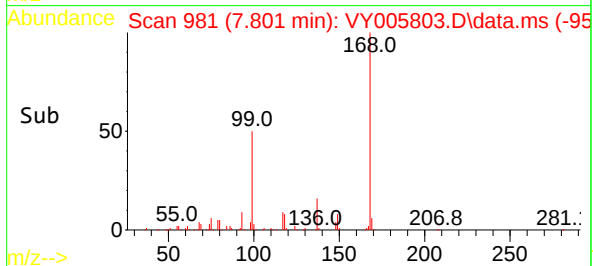
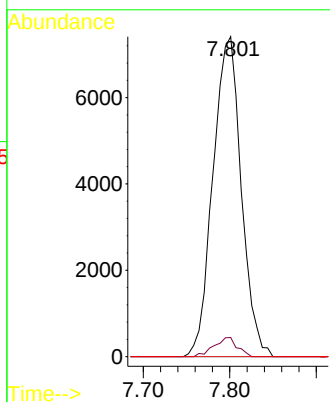
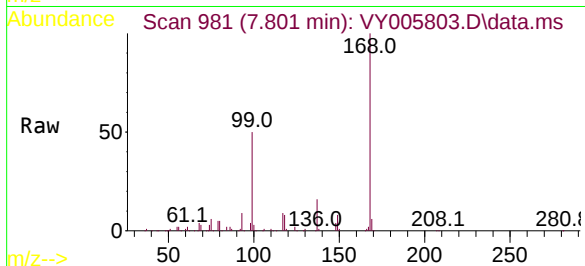




#38
Carbon Tetrachloride
Concen: 5.370 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

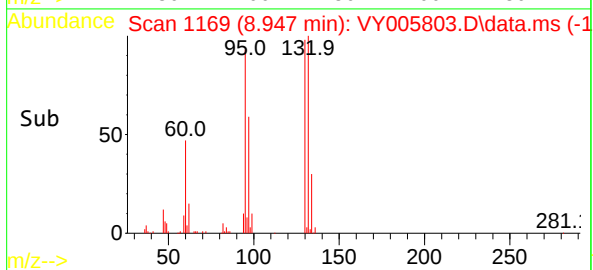
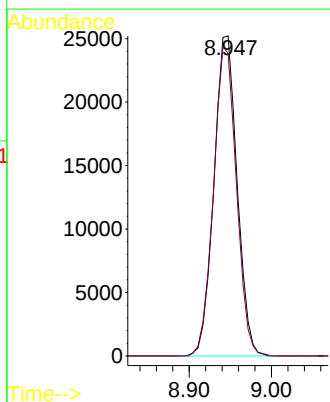
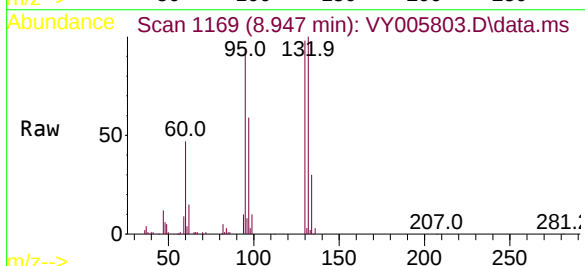
Instrument :
MSVOA_Y
ClientSampleId :
POST-MAEC-02

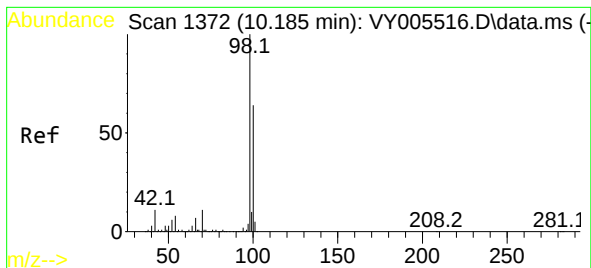
Tgt Ion:117 Resp: 16801
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.0#
121 0.0 25.1 37.7#



#44
Trichloroethene
Concen: 21.898 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Tgt Ion:130 Resp: 49264
Ion Ratio Lower Upper
130 100
95 94.6 0.0 185.0

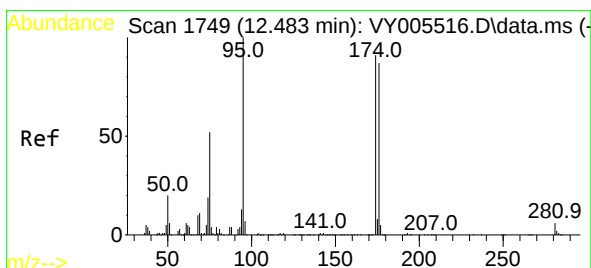
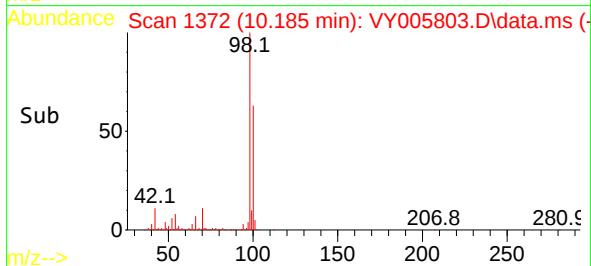
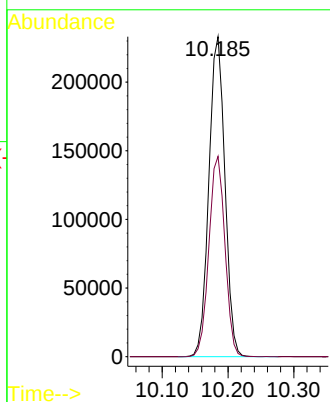
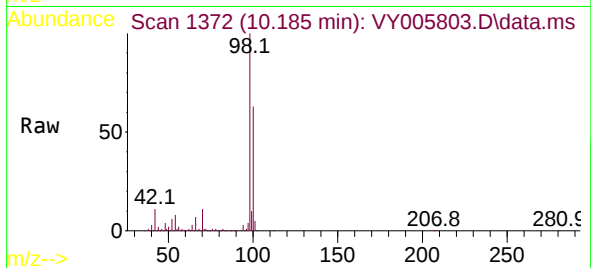




#50
Toluene-d8
Concen: 54.897 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

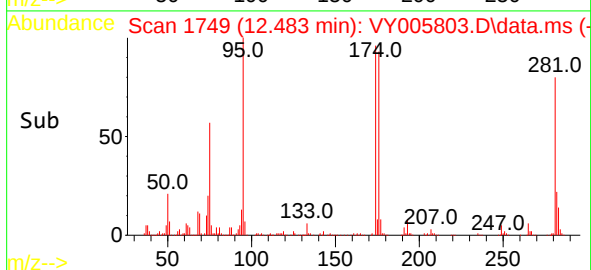
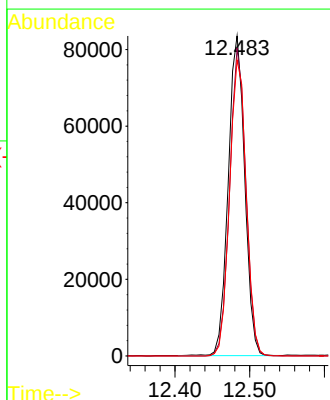
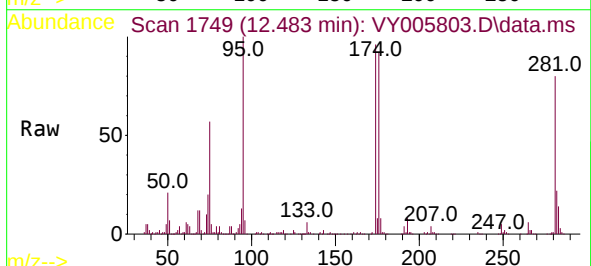
Instrument :
MSVOA_Y
ClientSampleId :
POST-MAEC-02

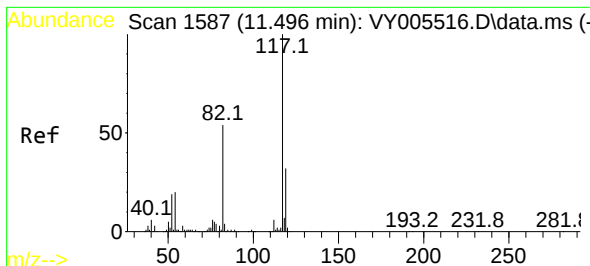
Tgt Ion: 98 Resp: 395591
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 53.959 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Tgt Ion: 95 Resp: 128761
Ion Ratio Lower Upper
95 100
174 94.2 0.0 191.4
176 93.1 0.0 183.6

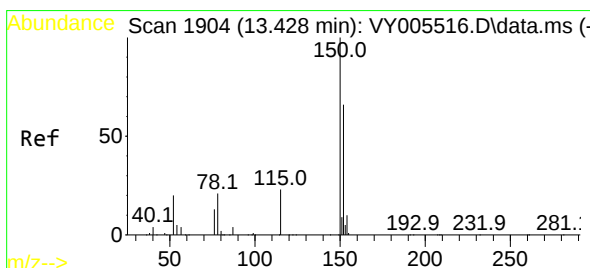
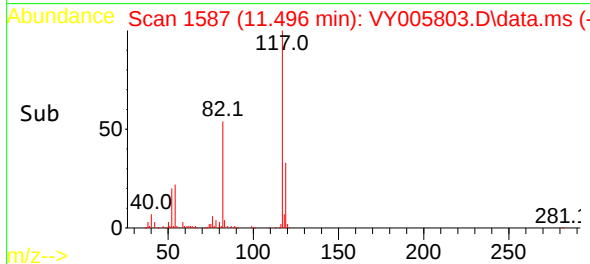
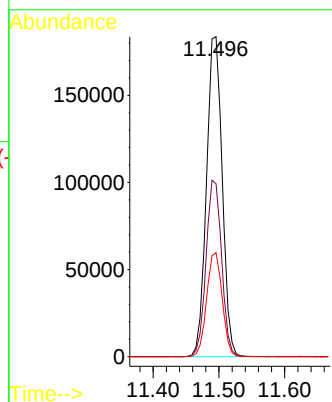
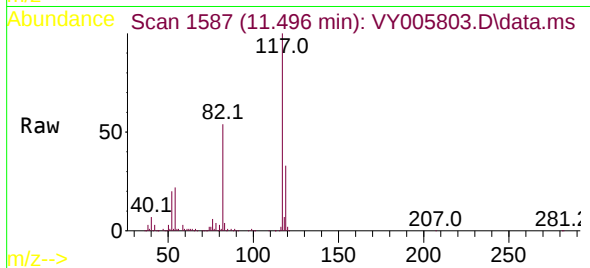




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

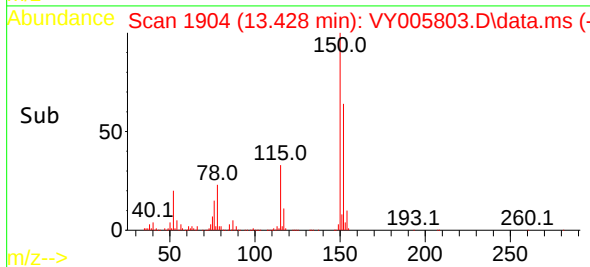
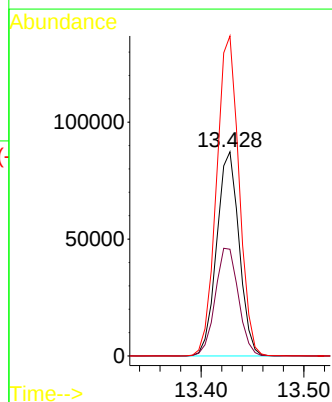
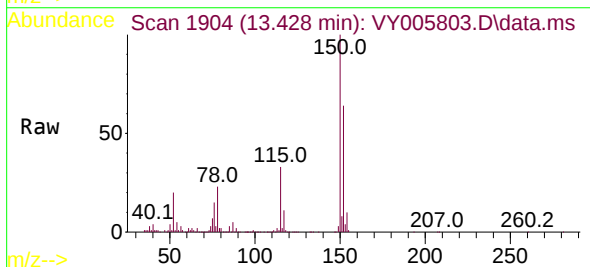
Instrument :
MSVOA_Y
ClientSampleId :
POST-MAEC-02

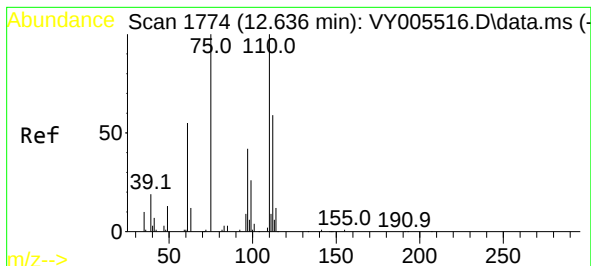
Tgt Ion:117 Resp: 305692
Ion Ratio Lower Upper
117 100
82 54.0 43.5 65.3
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Tgt Ion:152 Resp: 132083
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 157.4 0.0 350.2

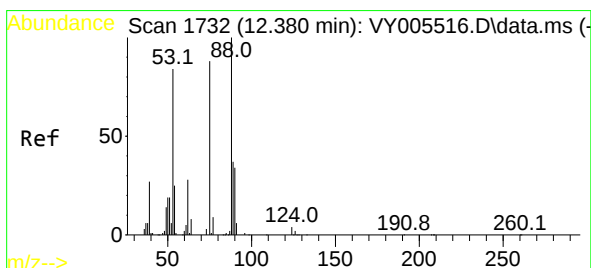
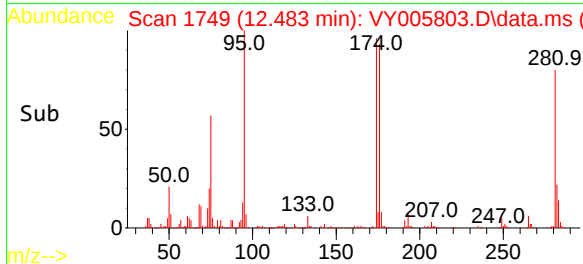
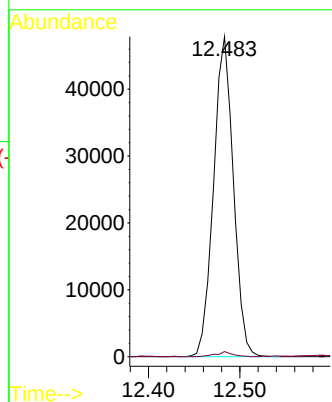
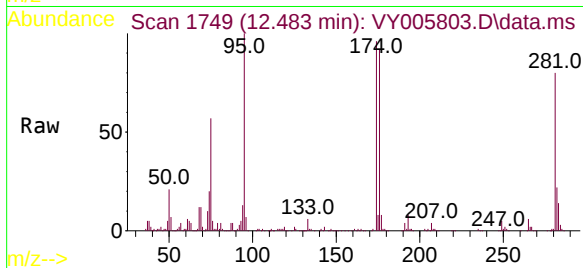




#76
1,2,3-Trichloropropane
Concen: 52.628 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Instrument :
MSVOA_Y
ClientSampleId :
POST-MAEC-02

Tgt Ion: 75 Resp: 72035
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.091 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005803.D
Acq: 20 Aug 2021 19:10

Tgt Ion: 75 Resp: 72035
Ion Ratio Lower Upper
75 100
53 0.3 76.7 115.1#
89 0.8 38.4 57.6#

