

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006070.D
 Acq On : 17 Sep 2021 15:14
 Operator : SY/MD
 Sample : M3775-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1

Quant Time: Sep 20 01:41:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

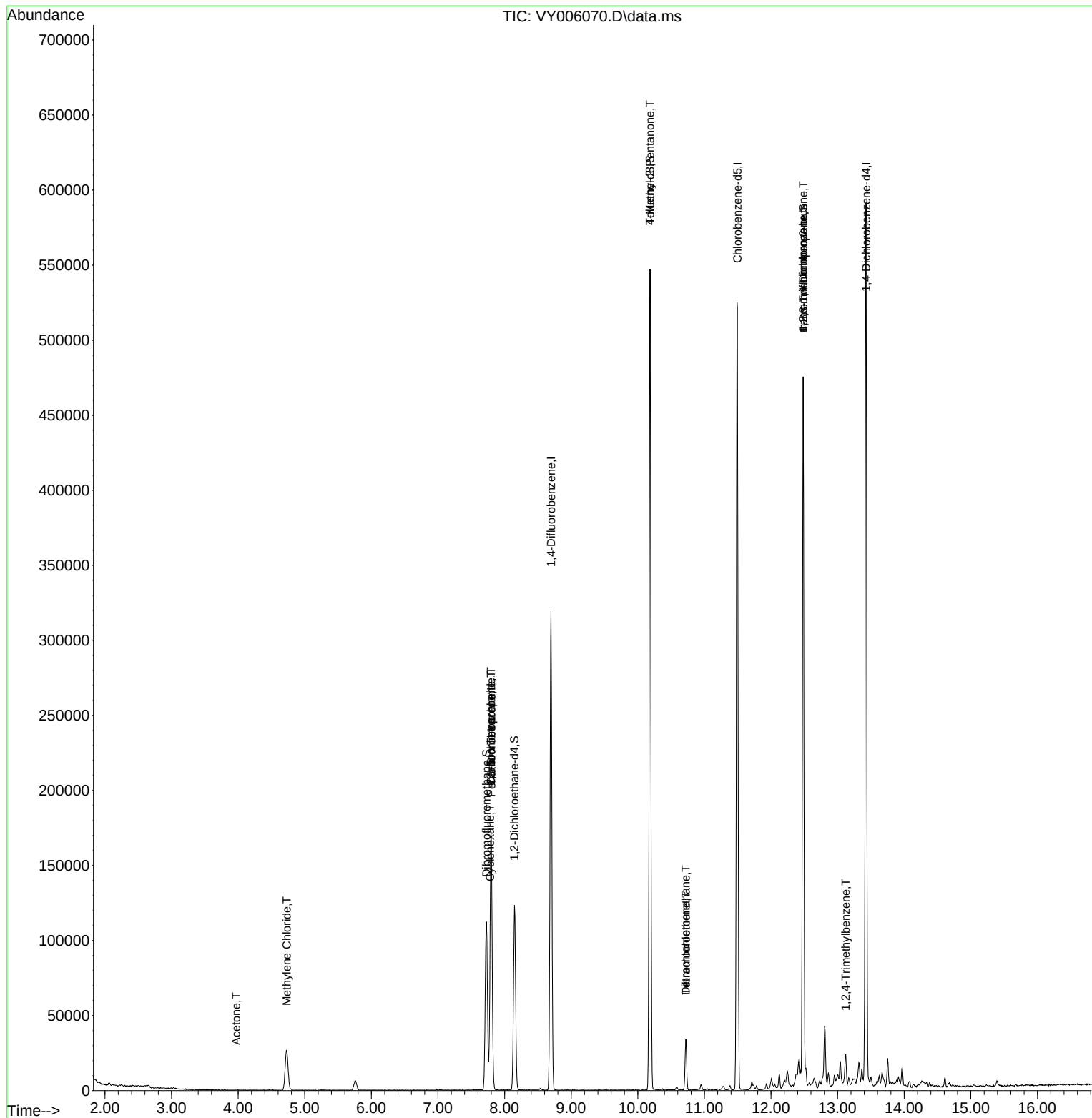
Internal Standards						
1) Pentafluorobenzene	7.801	168	130012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	249449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101076	55.969	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.940%			
35) Dibromofluoromethane	7.728	113	76423	49.325	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.660%			
50) Toluene-d8	10.185	98	330022	49.977	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.483	95	132696	59.187	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.380%			
Target Compounds						Qvalue
16) Acetone	3.972	43	885	1.787	ug/l #	77
20) Methylene Chloride	4.728	84	19252	8.609	ug/l	96
31) Cyclohexane	7.783	56	3319	1.147	ug/l #	62
36) 1,1-Dichloropropene	7.795	75	10554	3.920	ug/l #	51
38) Carbon Tetrachloride	7.795	117	13289	4.534	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	1894	1.025	ug/l #	1
60) Dibromochloromethane	10.721	129	6423	3.667	ug/l #	11
64) Tetrachloroethene	10.721	164	7064	3.158	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	76119	51.130	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76119	94.003	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	10257	1.140	ug/l	96

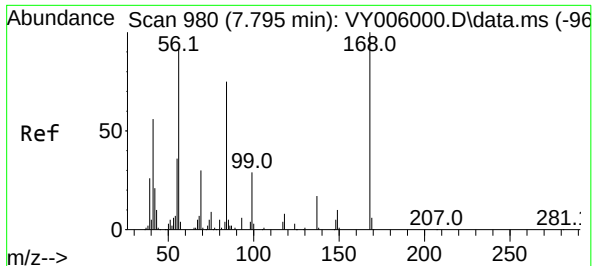
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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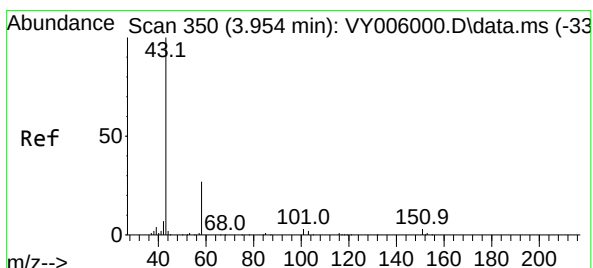
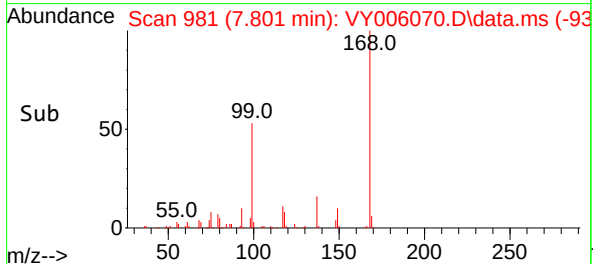
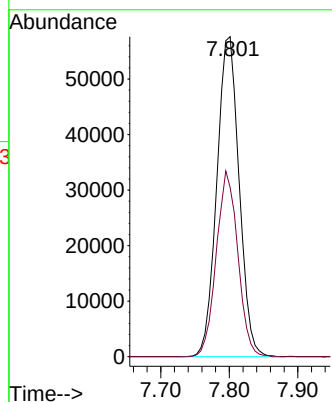
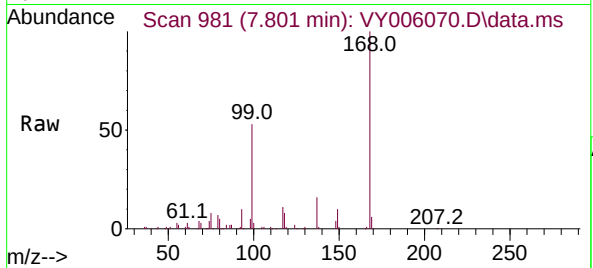




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

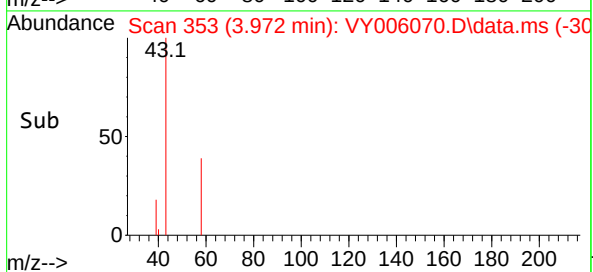
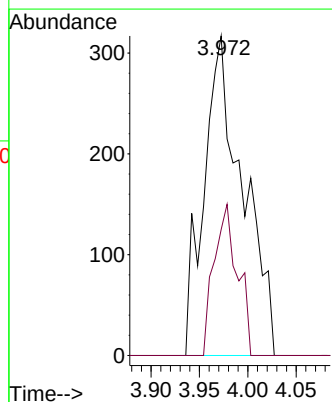
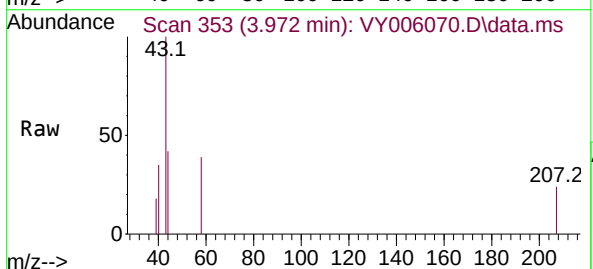
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

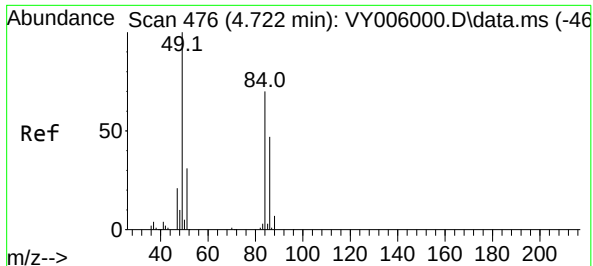
Tgt Ion:168 Resp: 130012
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#16
Acetone
Concen: 1.787 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 39.4 22.0 33.0#

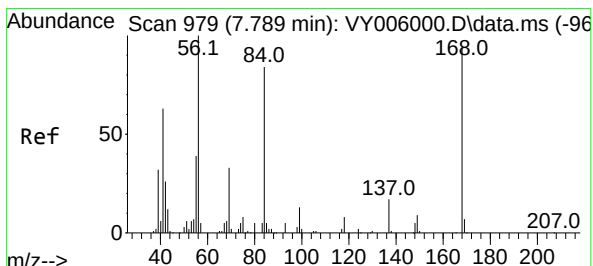
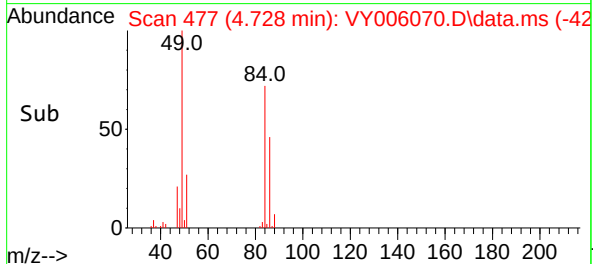
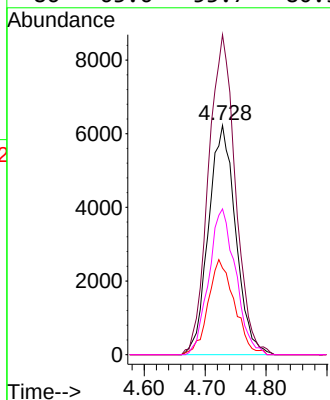
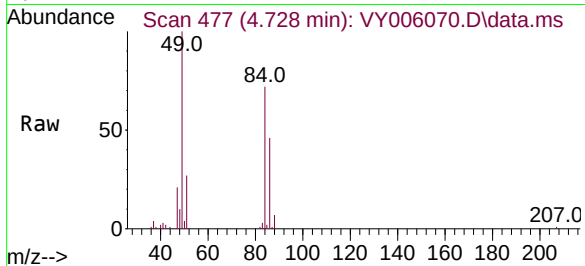




#20
Methylene Chloride
Concen: 8.609 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

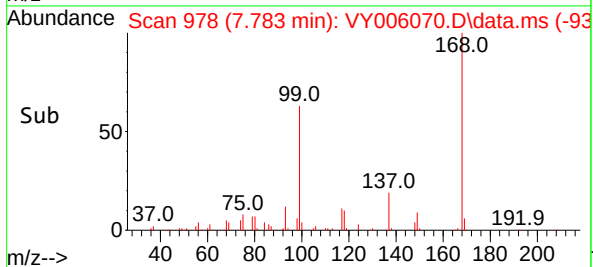
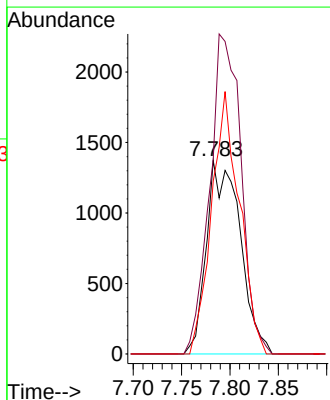
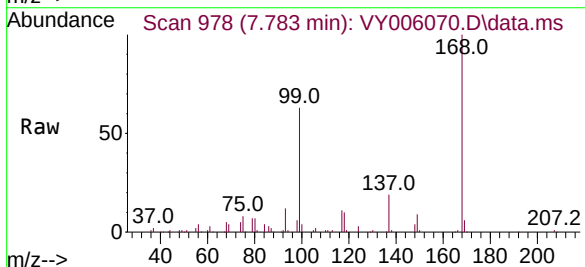
Instrument :
MSVOA_Y
ClientSampled :
PE-1

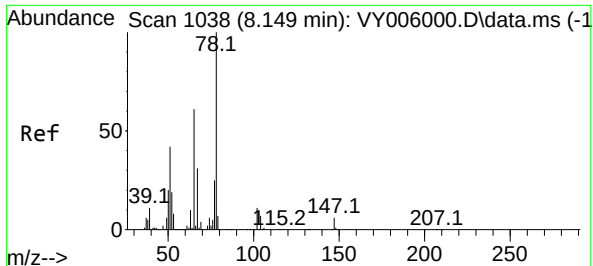
Tgt Ion:	84	Resp:	19252
Ion	Ratio	Lower	Upper
84	100		
49	139.5	114.4	171.6
51	37.8	35.3	52.9
86	63.6	53.7	80.5



#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

Tgt Ion:	56	Resp:	3319
Ion	Ratio	Lower	Upper
56	100		
69	100.7	26.7	40.1#
84	89.4	67.2	100.8

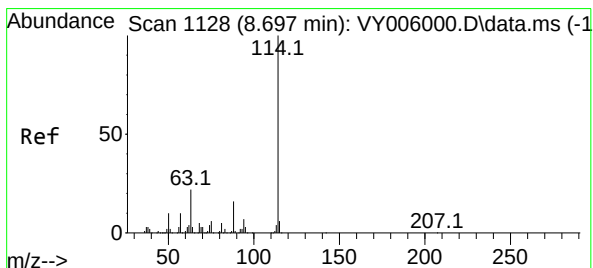
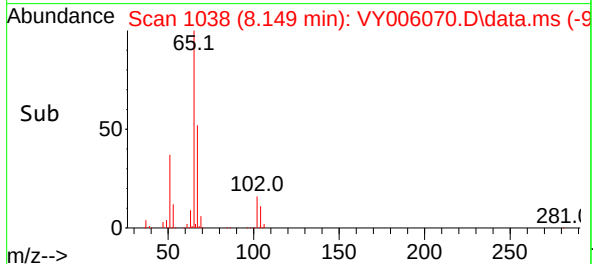
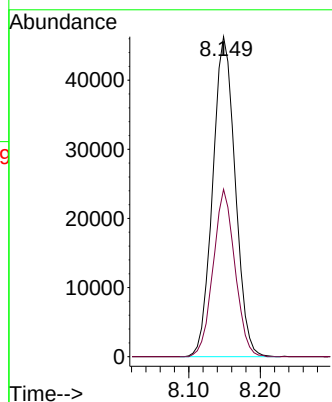
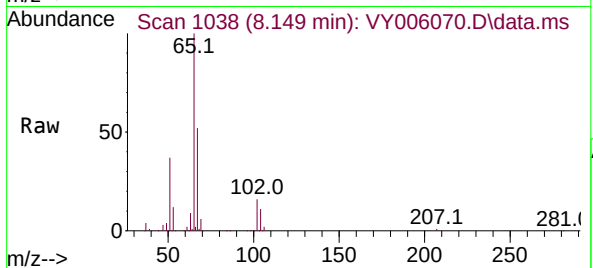




#33
 1,2-Dichloroethane-d4
 Concen: 55.969 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006070.D
 Acq: 17 Sep 2021 15:14

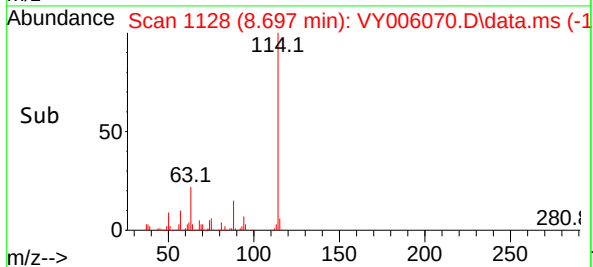
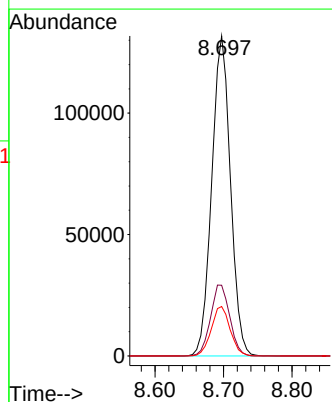
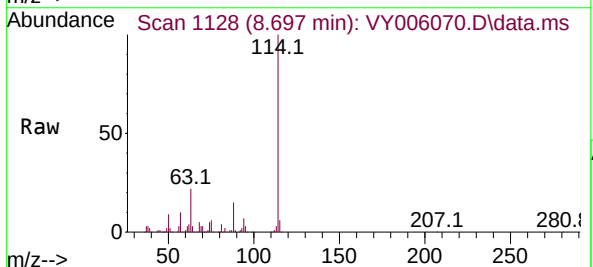
Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1

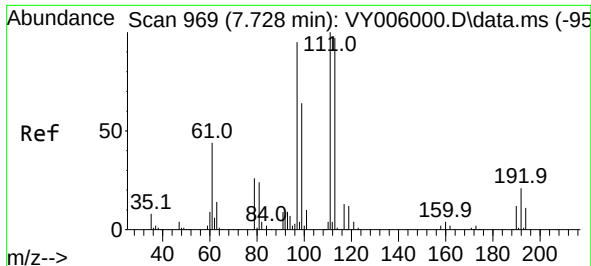
Tgt Ion: 65 Resp: 101076
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006070.D
 Acq: 17 Sep 2021 15:14

Tgt Ion: 114 Resp: 249449
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 15.4 0.0 31.8

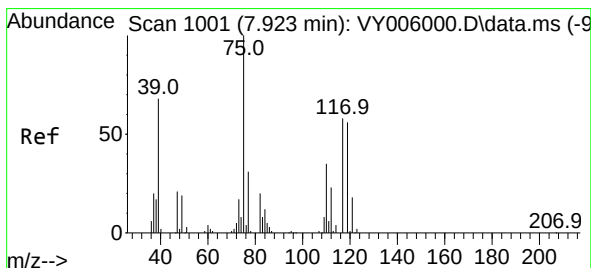
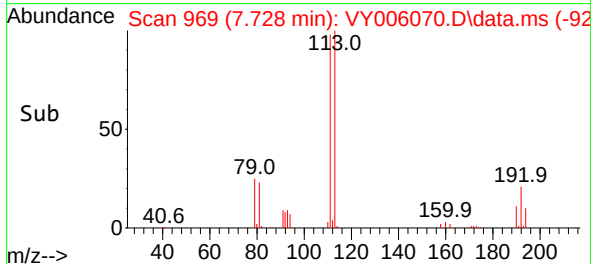
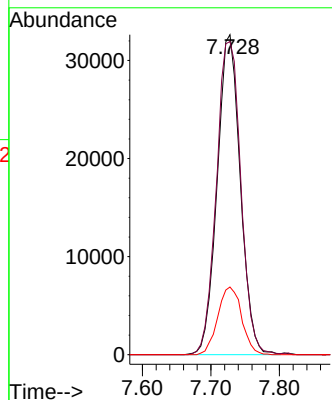
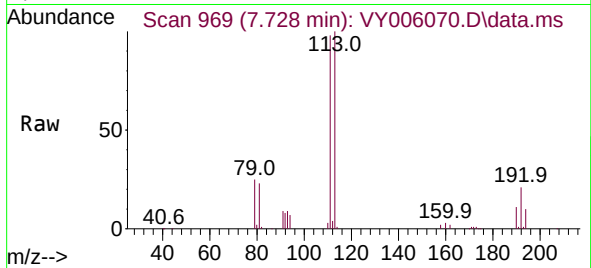




#35
Dibromofluoromethane
Concen: 49.325 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

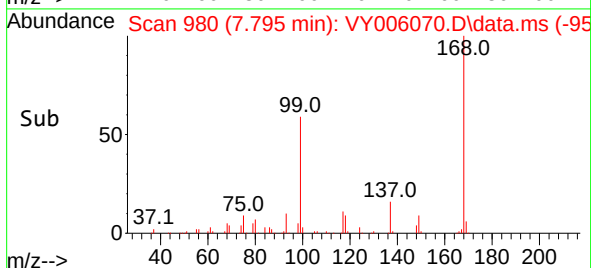
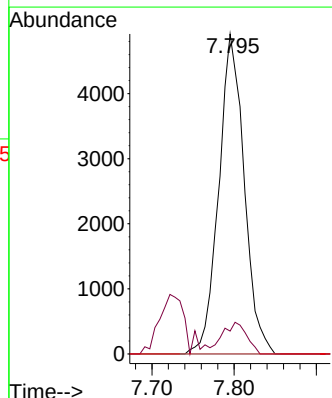
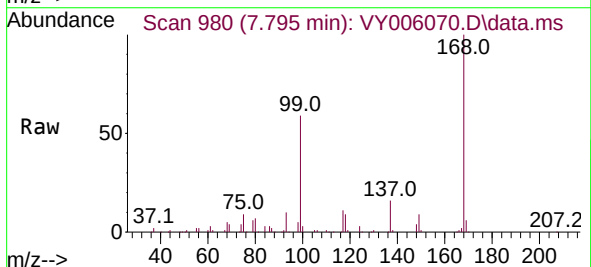
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

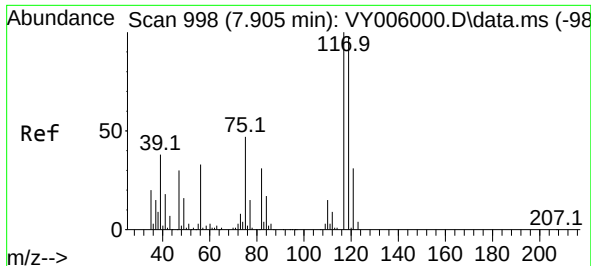
Tgt Ion:113 Resp: 76423
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 21.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.920 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

Tgt Ion: 75 Resp: 10554
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

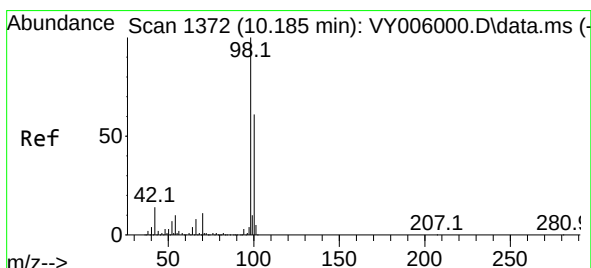
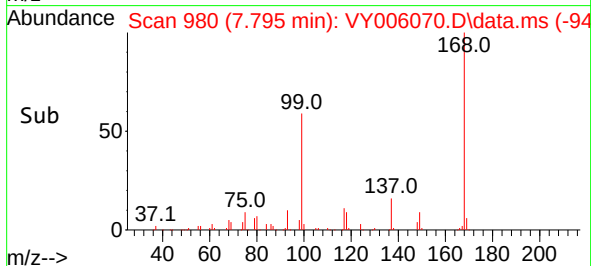
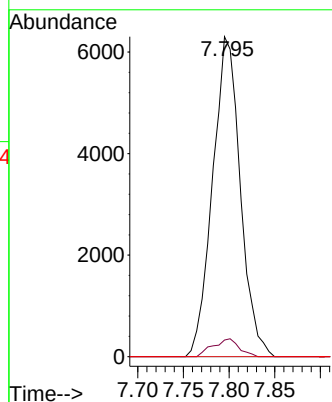
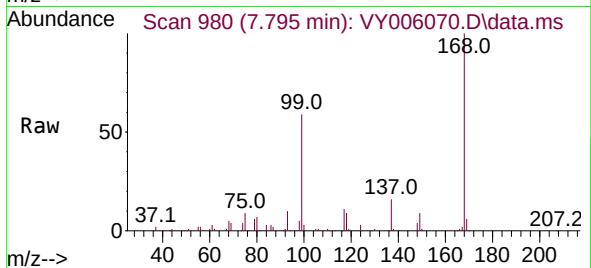




#38
Carbon Tetrachloride
Concen: 4.534 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

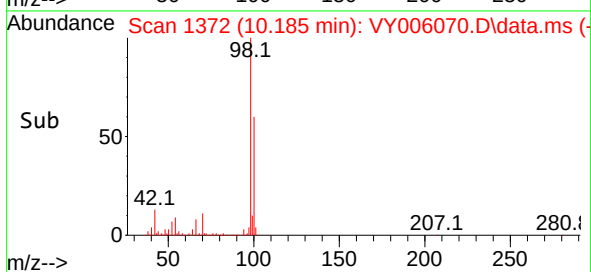
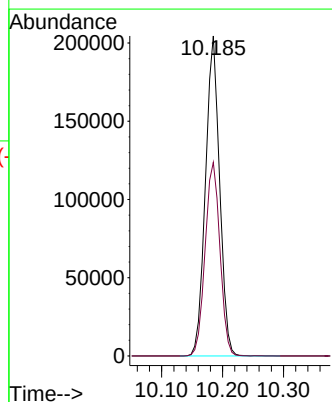
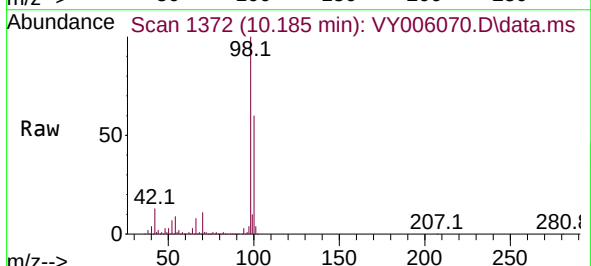
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

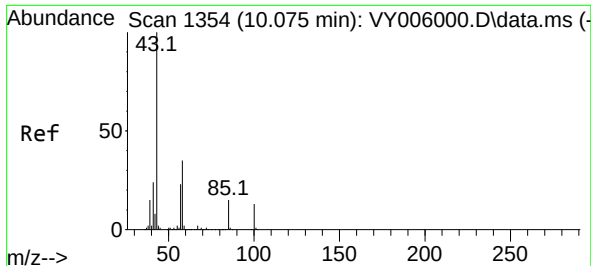
Tgt Ion: 117 Resp: 13289
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.977 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

Tgt Ion: 98 Resp: 330022
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

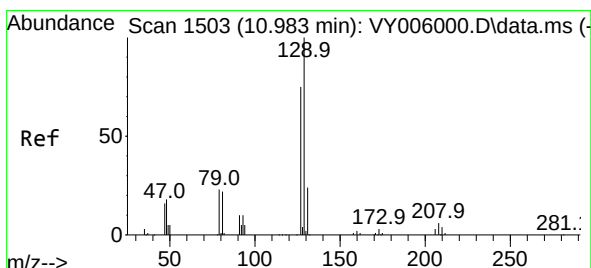
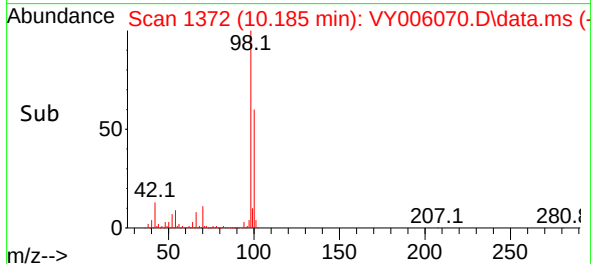
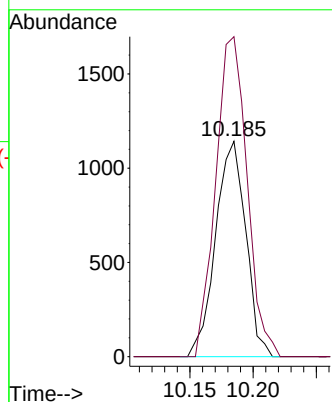
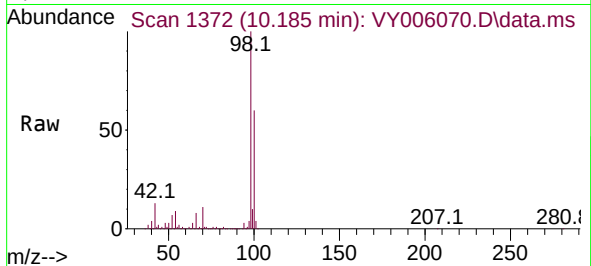




#51
4-Methyl-2-Pentanone
Concen: 1.025 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

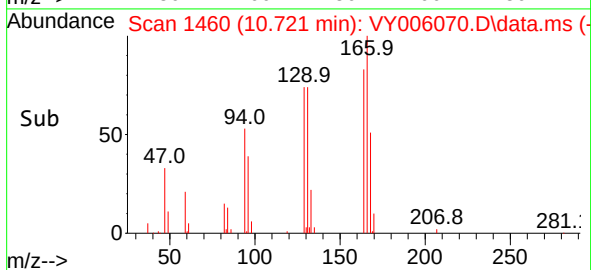
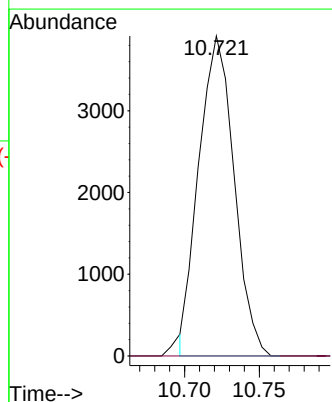
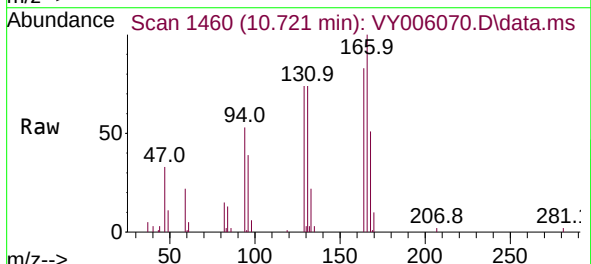
Instrument :
MSVOA_Y
ClientSampled :
PE-1

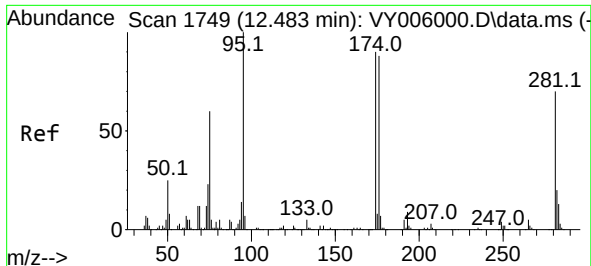
Tgt Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
58 154.6 28.1 42.1#



#60
Dibromochloromethane
Concen: 3.667 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

Tgt Ion: 129 Resp: 6423
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

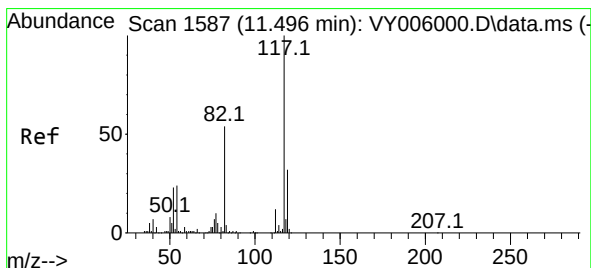
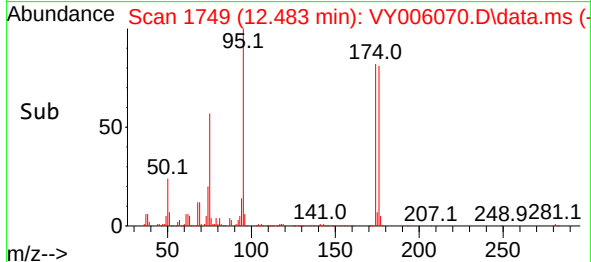
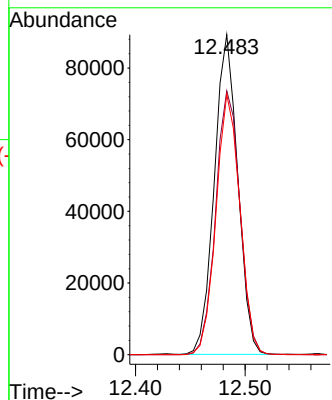
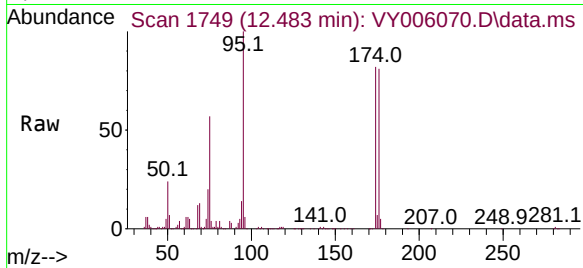




#62
4-Bromofluorobenzene
Concen: 59.187 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

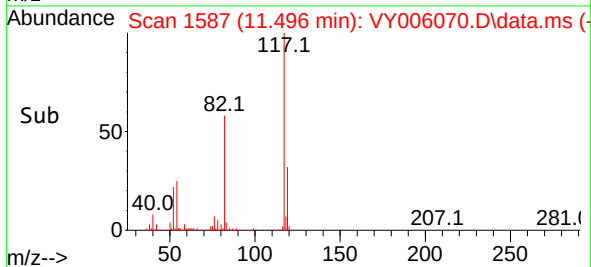
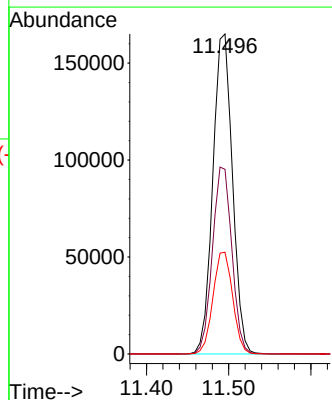
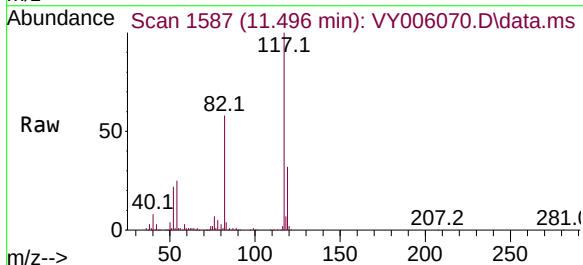
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

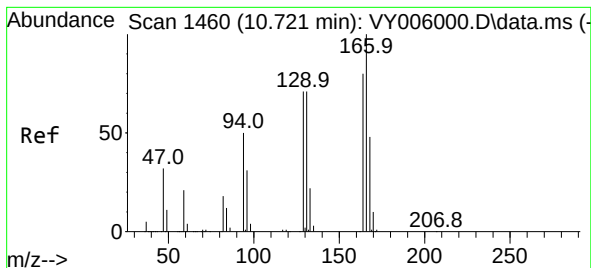
Tgt Ion: 95 Resp: 132696
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

Tgt Ion: 117 Resp: 273494
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 31.8 25.4 38.0

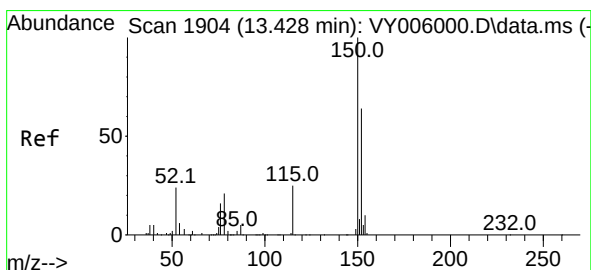
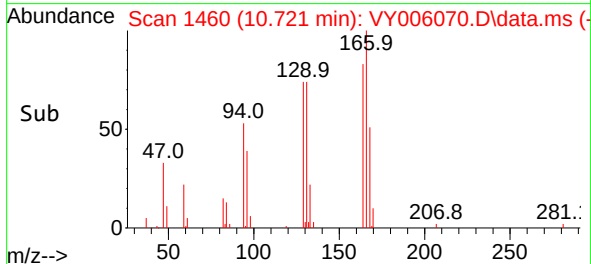
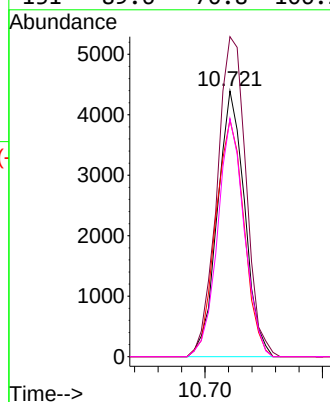
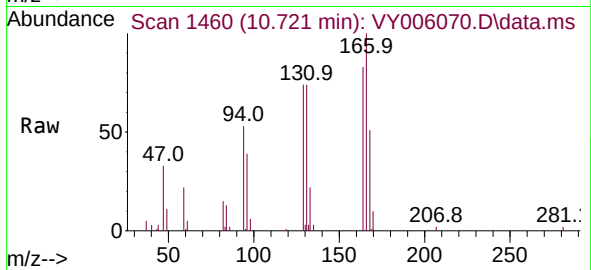




#64
Tetrachloroethene
Concen: 3.158 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

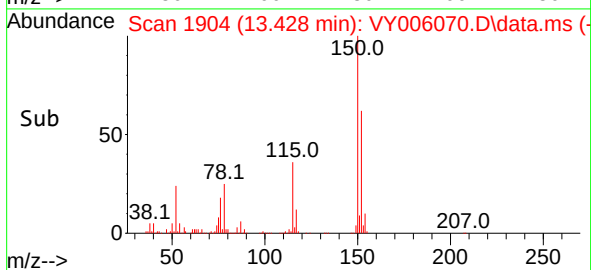
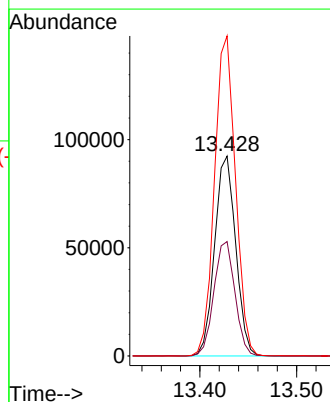
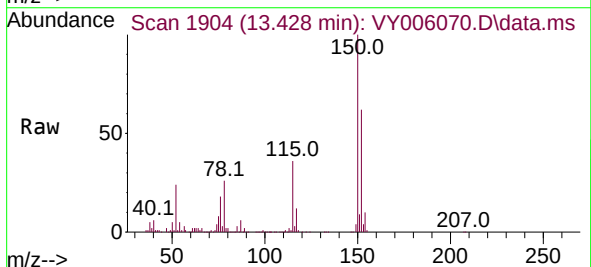
Instrument :
MSVOA_Y
ClientSampled :
PE-1

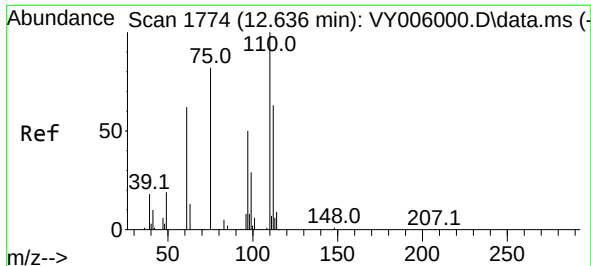
Tgt Ion:164	Resp:	7064
Ion	Ratio	Lower Upper
164	100	
166	120.4	100.4 150.6
129	89.1	71.4 107.0
131	89.6	70.8 106.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

Tgt Ion:152	Resp:	139632
Ion	Ratio	Lower Upper
152	100	
115	57.3	28.2 84.7
150	159.2	0.0 347.6

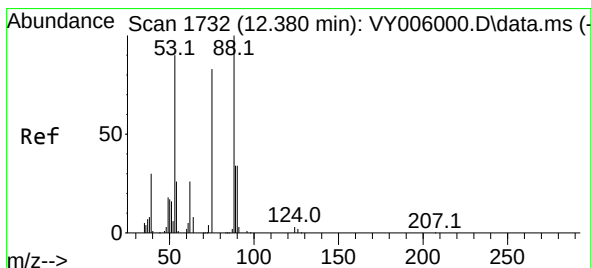
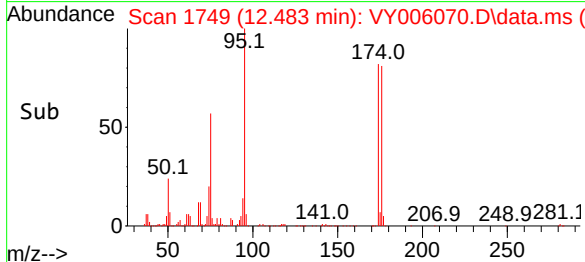
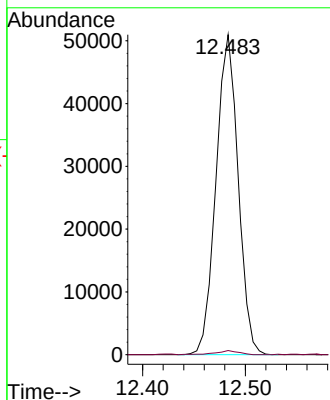
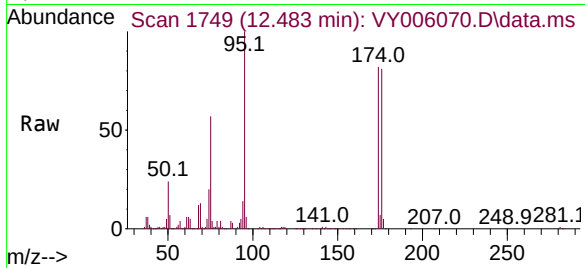




#76
1,2,3-Trichloropropane
Concen: 51.130 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

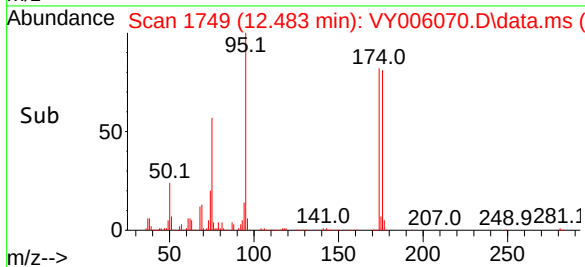
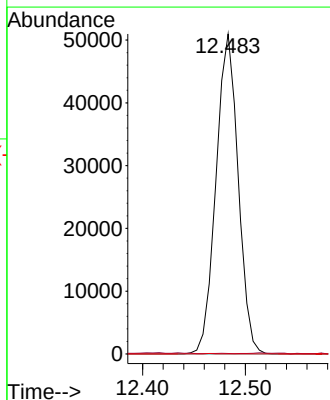
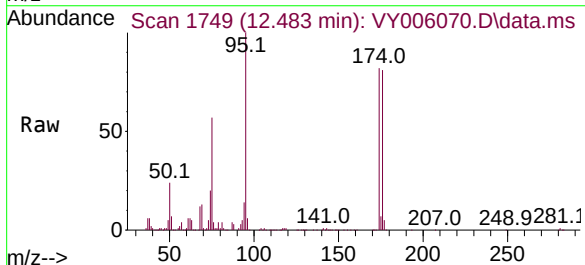
Instrument :
MSVOA_Y
ClientSampled :
PE-1

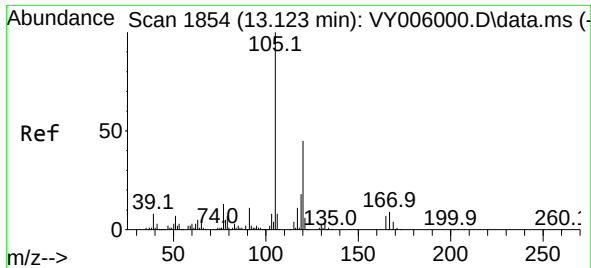
Tgt Ion: 75 Resp: 76119
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.003 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006070.D
Acq: 17 Sep 2021 15:14

Tgt Ion: 75 Resp: 76119
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#84
 1,2,4-Trimethylbenzene
 Concen: 1.140 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY006070.D
 Acq: 17 Sep 2021 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1

Tgt Ion:105 Resp: 10257
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.3 66.9

