

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005862.D
 Acq On : 26 Aug 2021 15:42
 Operator : SY/MD
 Sample : M3547-05
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4

Quant Time: Aug 27 03:26:19 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)

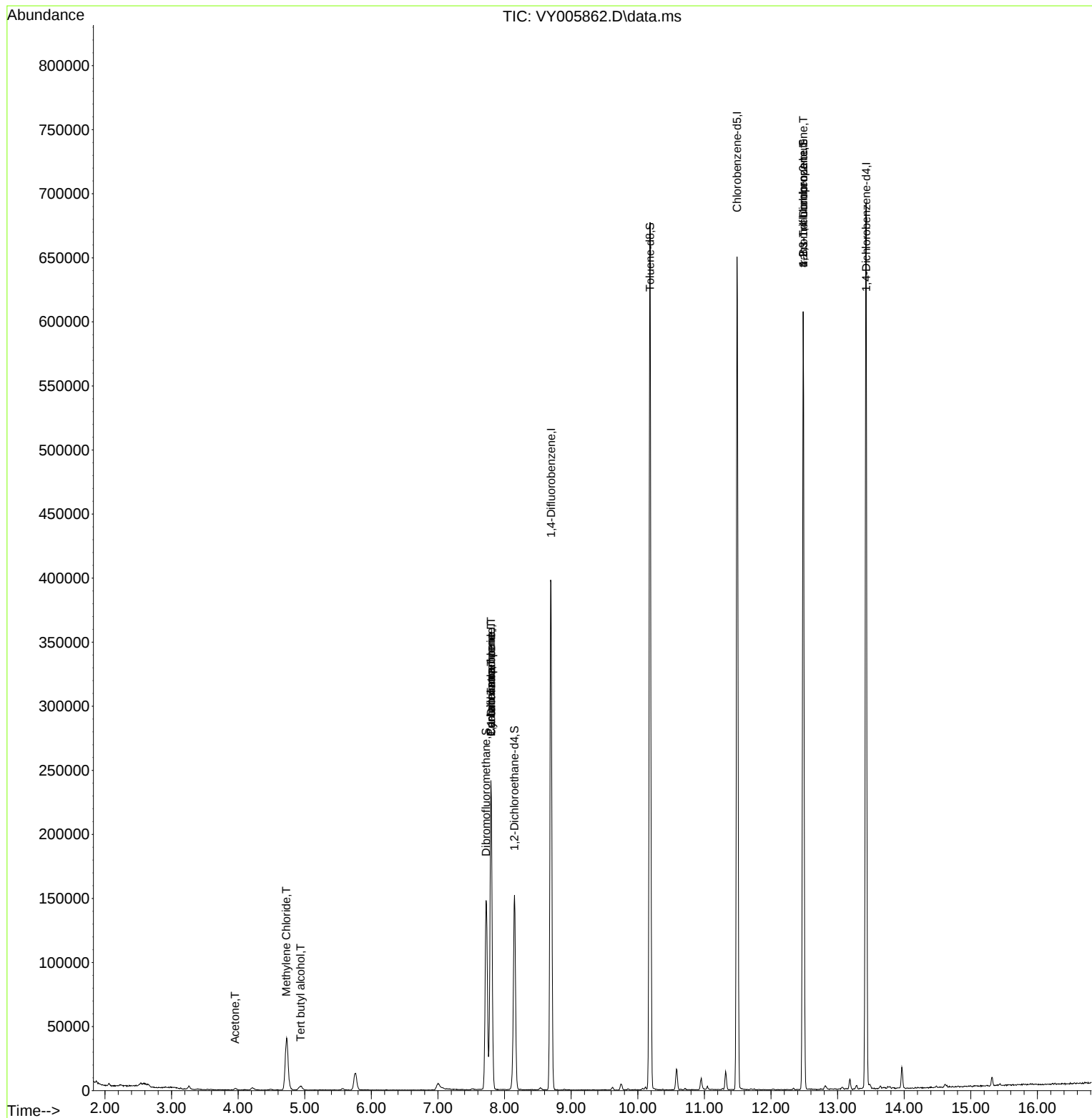
Internal Standards						
1) Pentafluorobenzene	7.795	168	194158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	337053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120947	61.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.080%	
35) Dibromofluoromethane	7.722	113	102098	54.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.185	98	434602	54.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.820%	
62) 4-Bromofluorobenzene	12.483	95	153115	58.423	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.840%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	3155	16.239	ug/l #	73
16) Acetone	3.954	43	2234	4.508	ug/l #	87
20) Methylene Chloride	4.723	84	30021	10.493	ug/l	96
31) Cyclohexane	7.795	56	3875	1.149	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	14283	4.518	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17720	5.157	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	84328	45.093	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84328	90.901	ug/l #	11

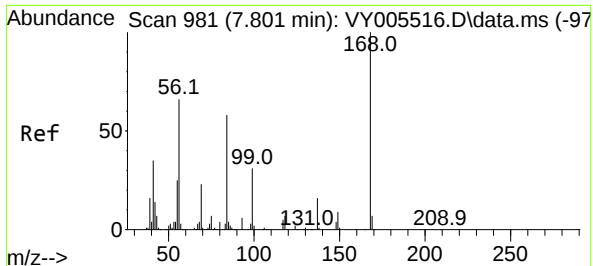
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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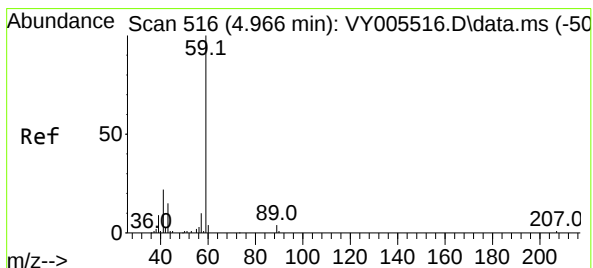
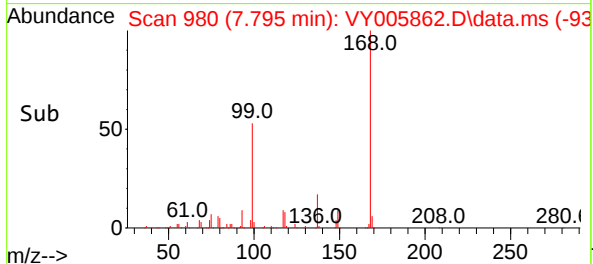
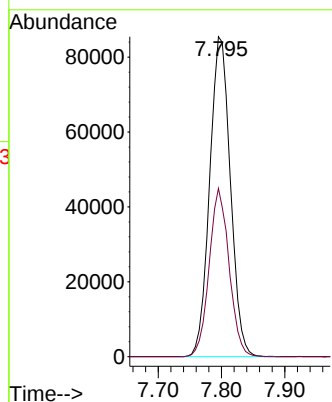
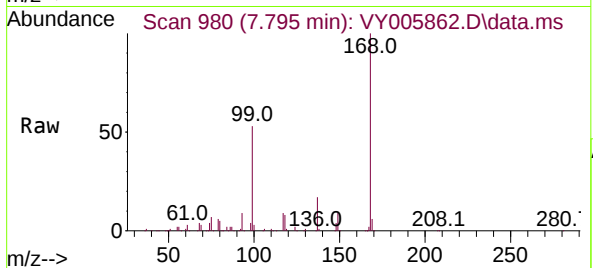




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

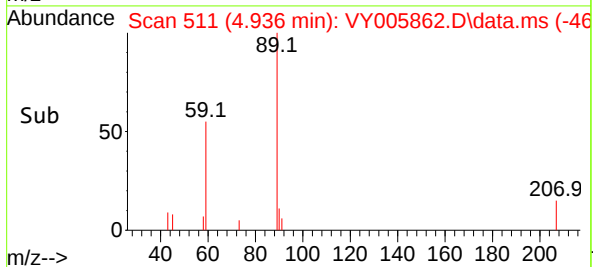
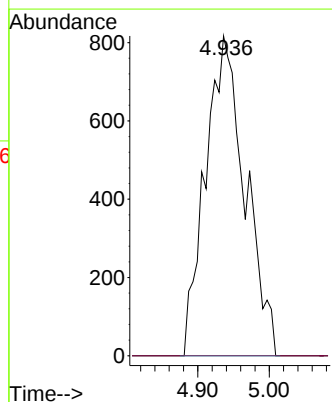
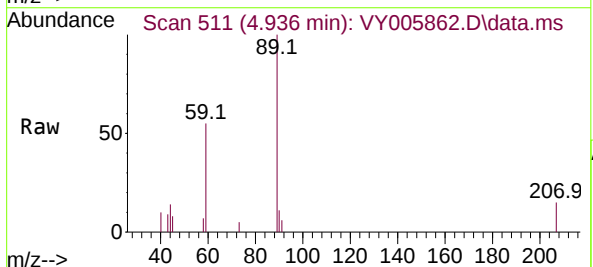
Instrument :
MSVOA_Y
ClientSampleId :
PE-4

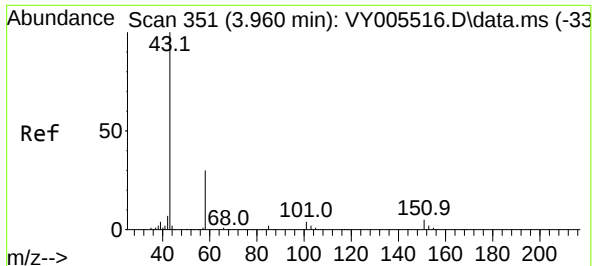
Tgt Ion:168 Resp: 194158
Ion Ratio Lower Upper
168 100
99 52.6 38.9 58.3



#11
Tert butyl alcohol
Concen: 16.239 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Tgt Ion: 59 Resp: 3155
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

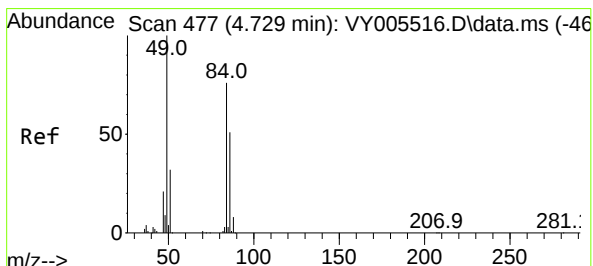
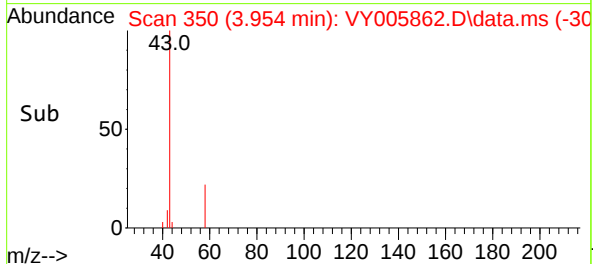
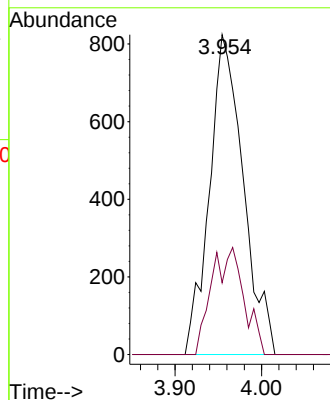
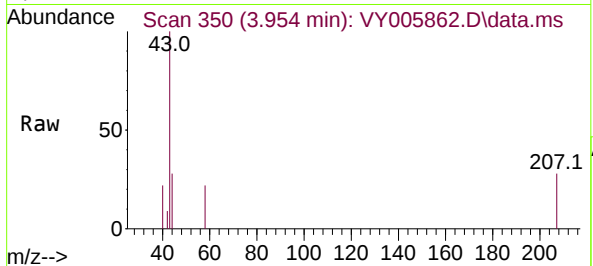




#16
Acetone
Concen: 4.508 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

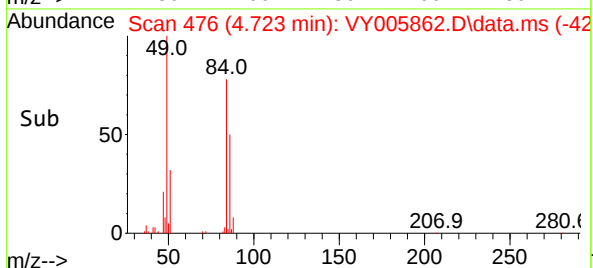
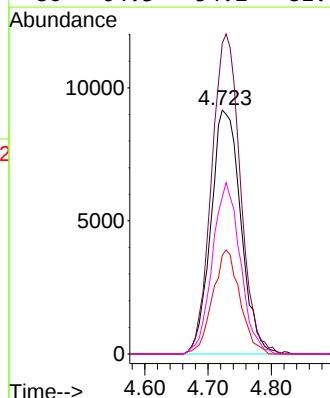
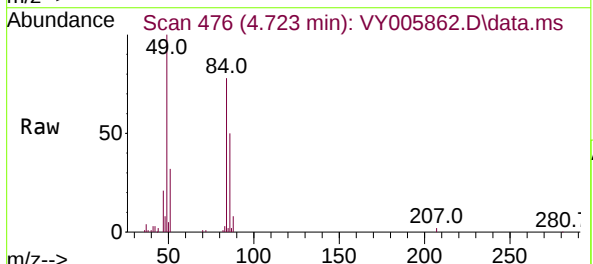
Instrument :
MSVOA_Y
ClientSampled :
PE-4

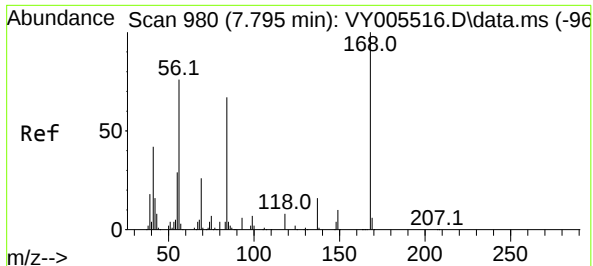
Tgt Ion: 43 Resp: 2234
Ion Ratio Lower Upper
43 100
58 22.5 23.8 35.6#



#20
Methylene Chloride
Concen: 10.493 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Tgt Ion: 84 Resp: 30021
Ion Ratio Lower Upper
84 100
49 127.4 105.8 158.6
51 40.5 33.4 50.2
86 64.3 54.2 81.4

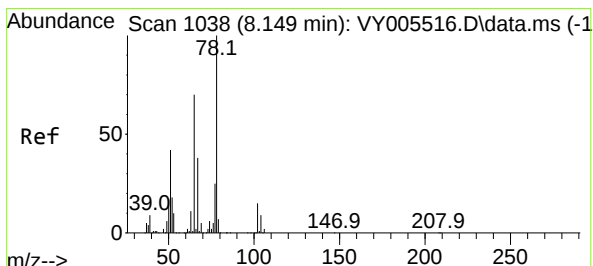
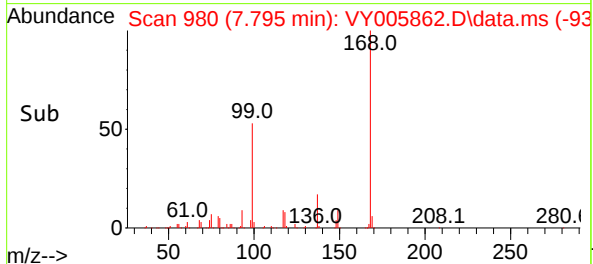
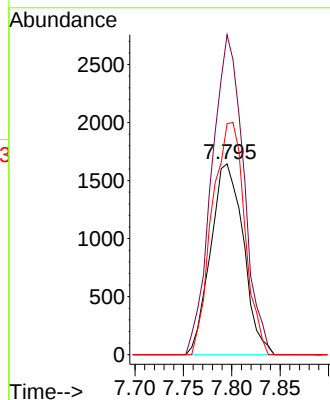
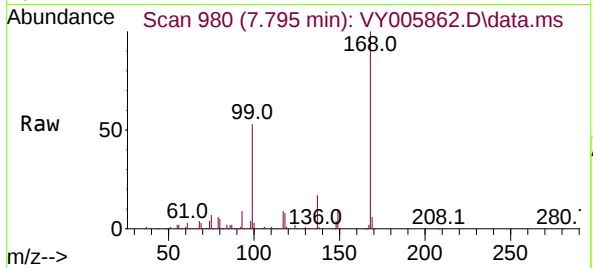




#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

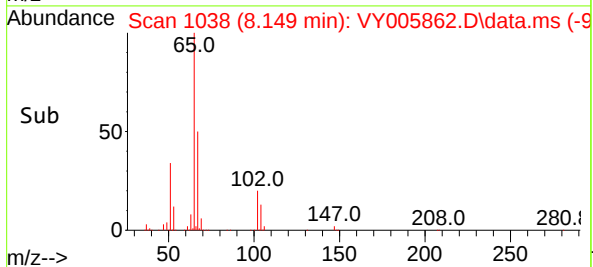
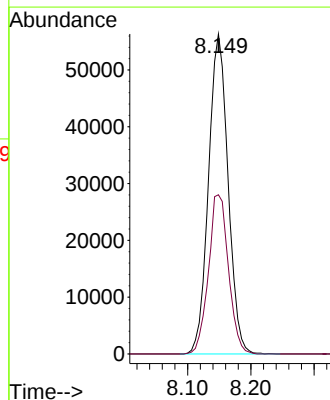
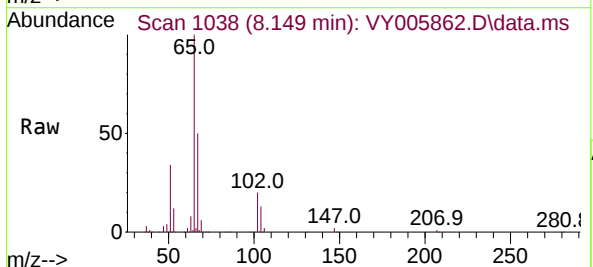
Instrument :
MSVOA_Y
ClientSampled :
PE-4

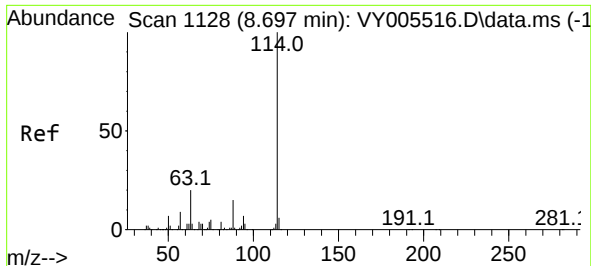
Tgt Ion: 56 Resp: 3875
Ion Ratio Lower Upper
56 100
69 167.6 27.7 41.5#
84 121.0 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 61.539 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Tgt Ion: 65 Resp: 120947
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4

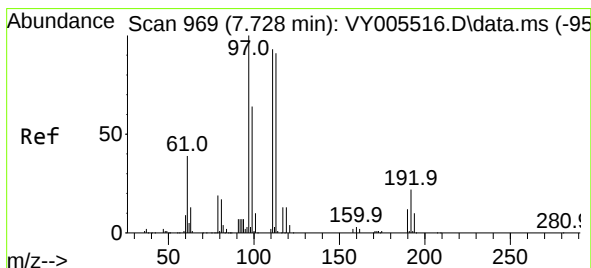
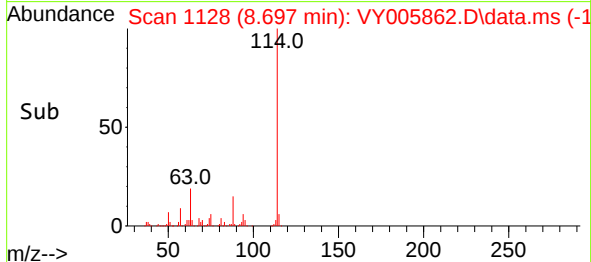
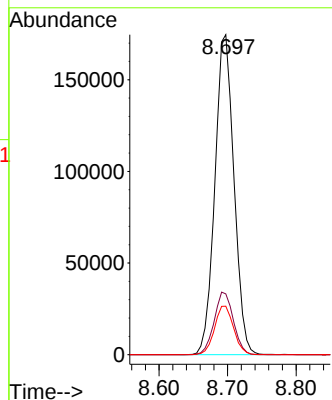
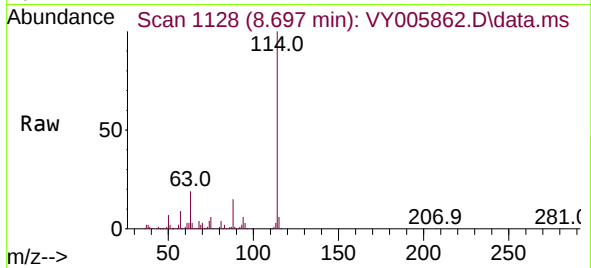




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

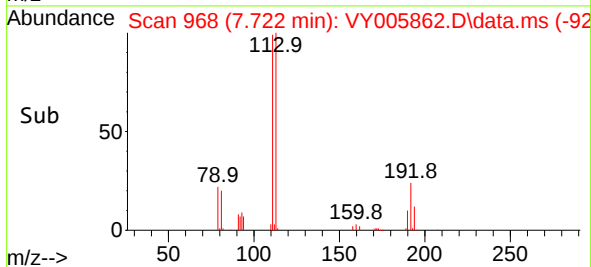
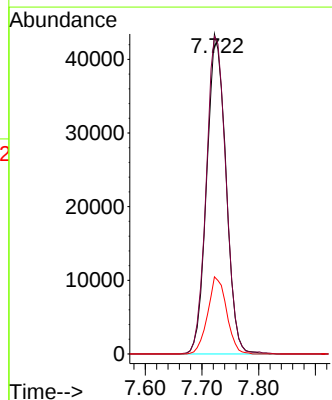
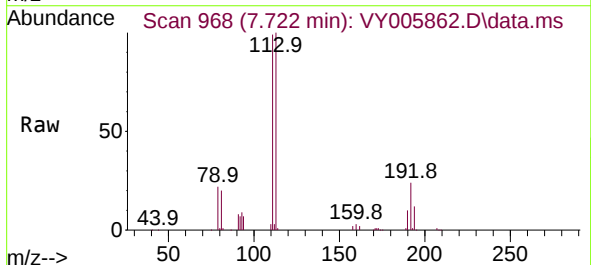
Instrument :
MSVOA_Y
ClientSampled :
PE-4

Tgt Ion:	114	Resp:	337053
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	39.2
88	15.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.104 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Tgt Ion:	113	Resp:	102098
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.9	122.9
192	23.8	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.518 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005862.D

Acq: 26 Aug 2021 15:42

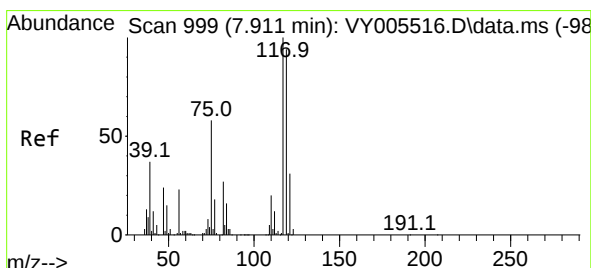
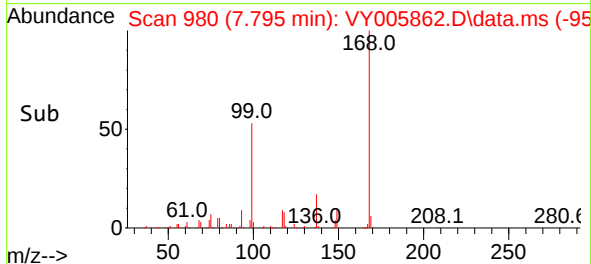
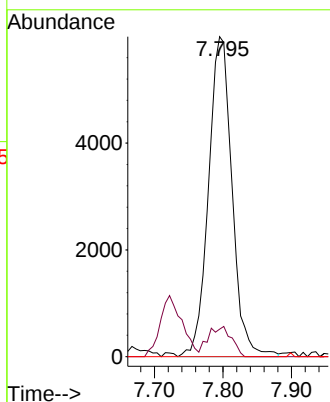
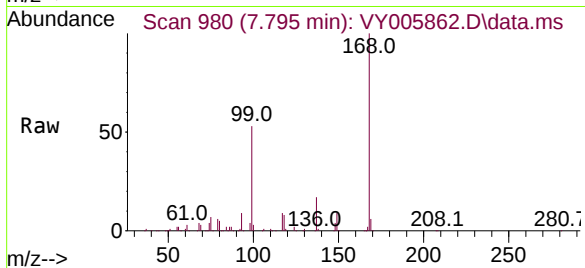
Instrument :

MSVOA_Y

ClientSampleId :

PE-4

Tgt Ion:	75	Resp:	14283
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.157 ug/l

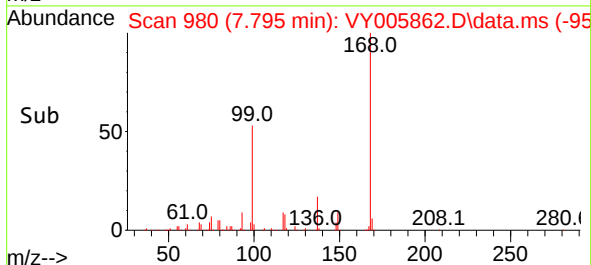
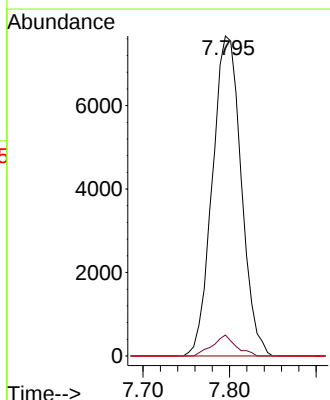
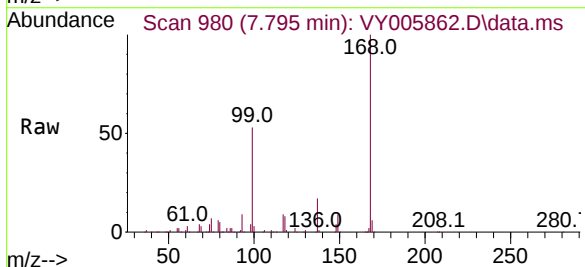
RT: 7.795 min Scan# 980

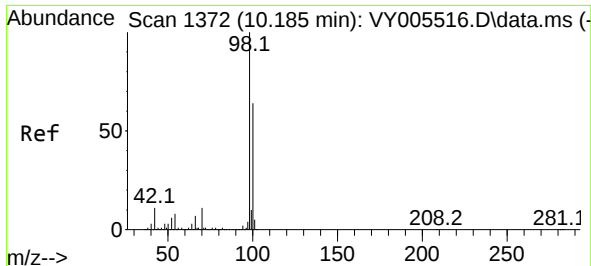
Delta R.T. -0.116 min

Lab File: VY005862.D

Acq: 26 Aug 2021 15:42

Tgt Ion:	117	Resp:	17720
Ion	Ratio	Lower	Upper
117	100		
119	6.6	75.4	113.0#
121	0.0	25.1	37.7#

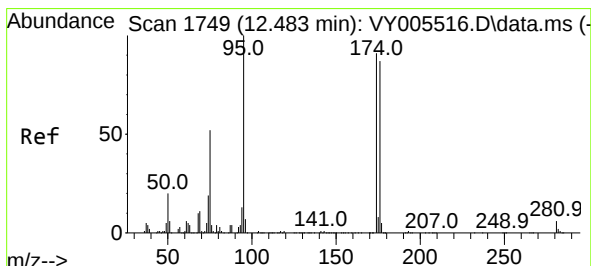
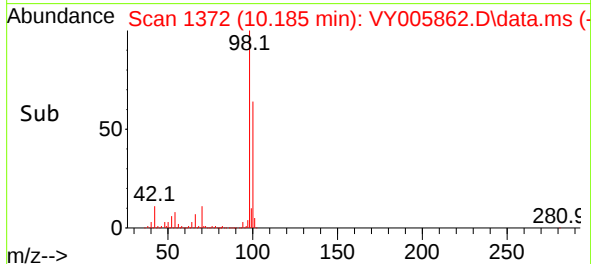
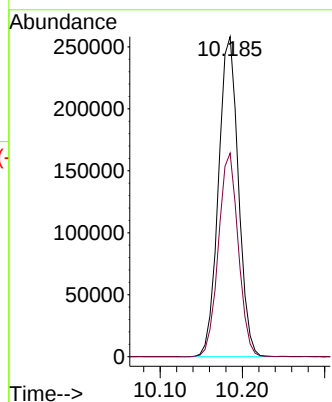
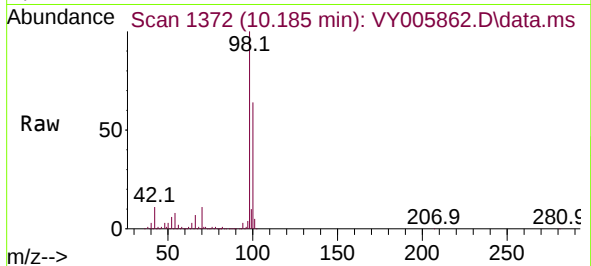




#50
Toluene-d8
Concen: 54.914 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

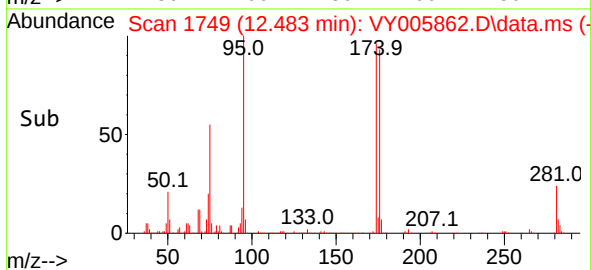
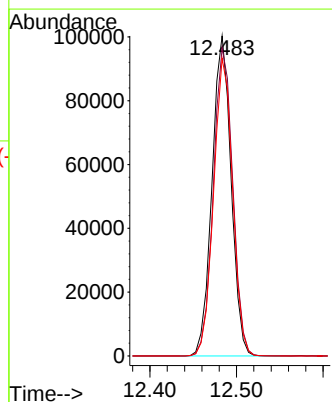
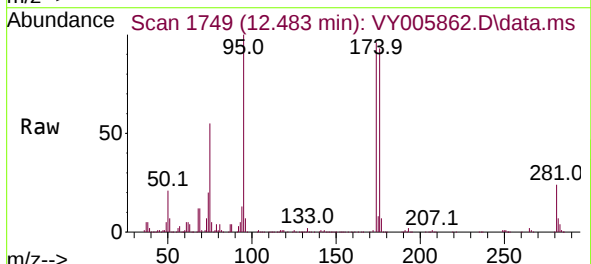
Instrument :
MSVOA_Y
ClientSampleId :
PE-4

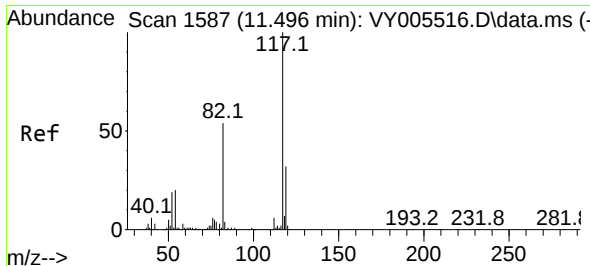
Tgt Ion: 98 Resp: 434602
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.423 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Tgt Ion: 95 Resp: 153115
Ion Ratio Lower Upper
95 100
174 98.0 0.0 191.4
176 93.0 0.0 183.6

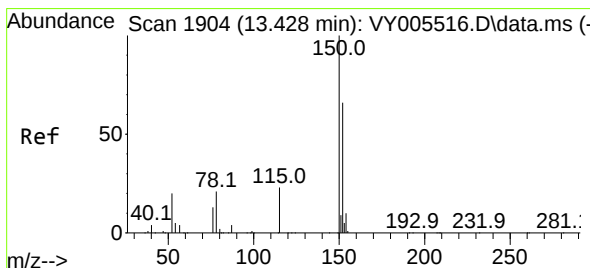
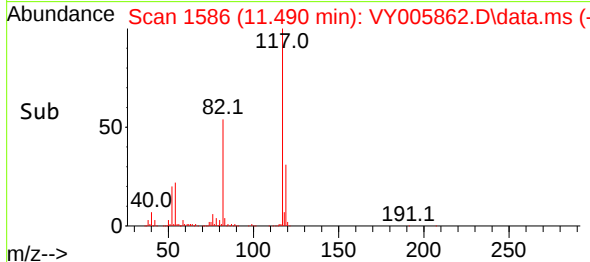
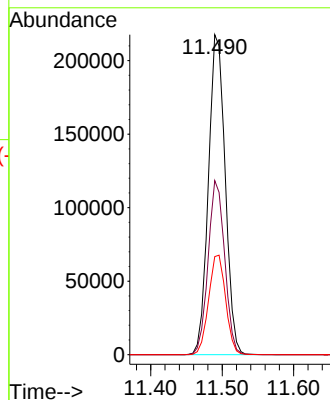
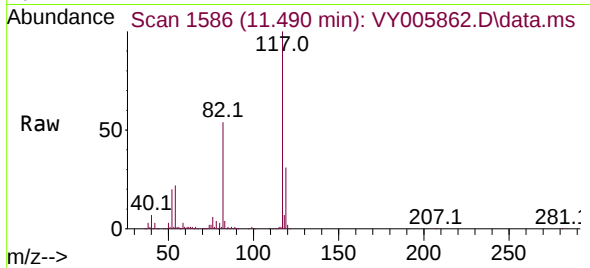




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

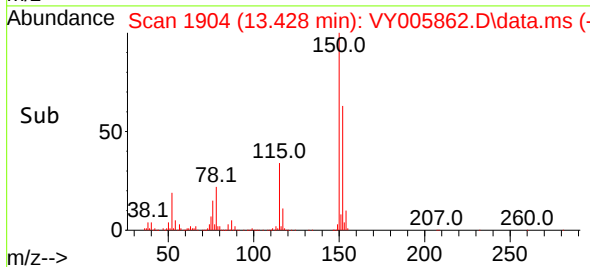
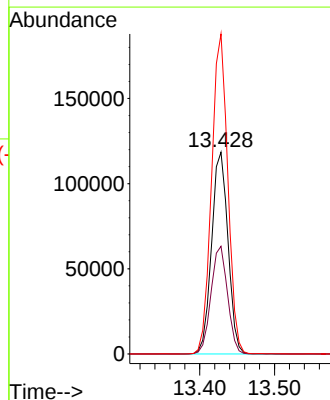
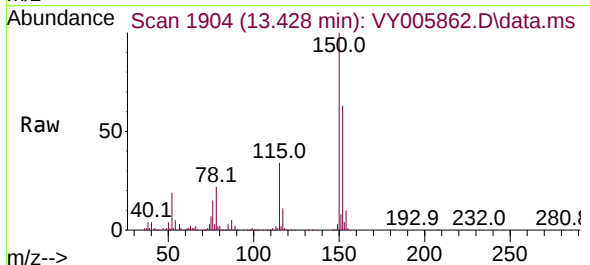
Instrument :
MSVOA_Y
ClientSampled :
PE-4

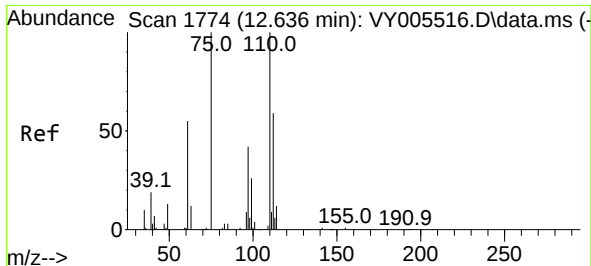
Tgt Ion:117 Resp: 354368
Ion Ratio Lower Upper
117 100
82 54.4 43.5 65.3
119 30.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Tgt Ion:152 Resp: 180461
Ion Ratio Lower Upper
152 100
115 53.9 27.3 81.9
150 156.9 0.0 350.2

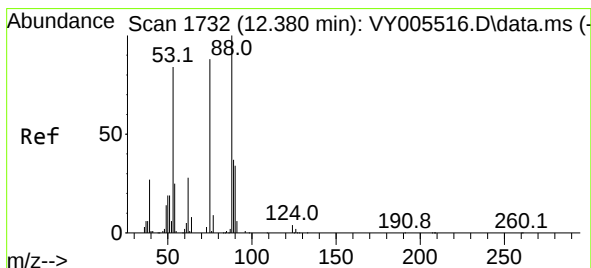
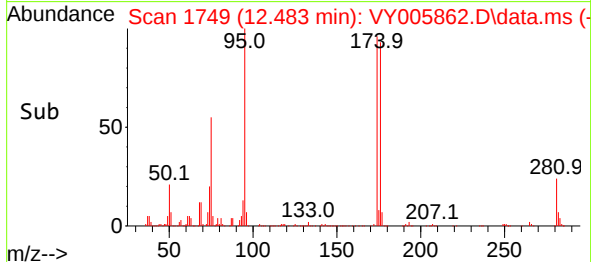
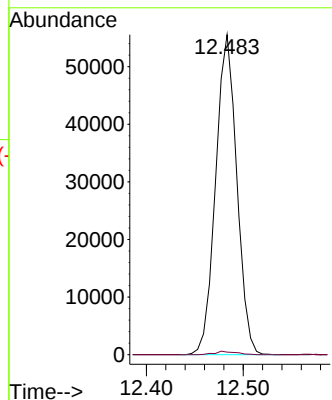
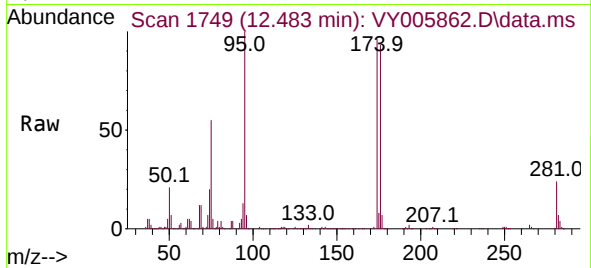




#76
1,2,3-Trichloropropane
Concen: 45.093 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Instrument :
MSVOA_Y
ClientSampled :
PE-4

Tgt Ion: 75 Resp: 84328
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.901 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Tgt Ion: 75 Resp: 84328
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.2 38.4 57.6#

