

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005864.D
 Acq On : 26 Aug 2021 16:28
 Operator : SY/MD
 Sample : M3547-07
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-6

Quant Time: Aug 27 03:26:35 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)

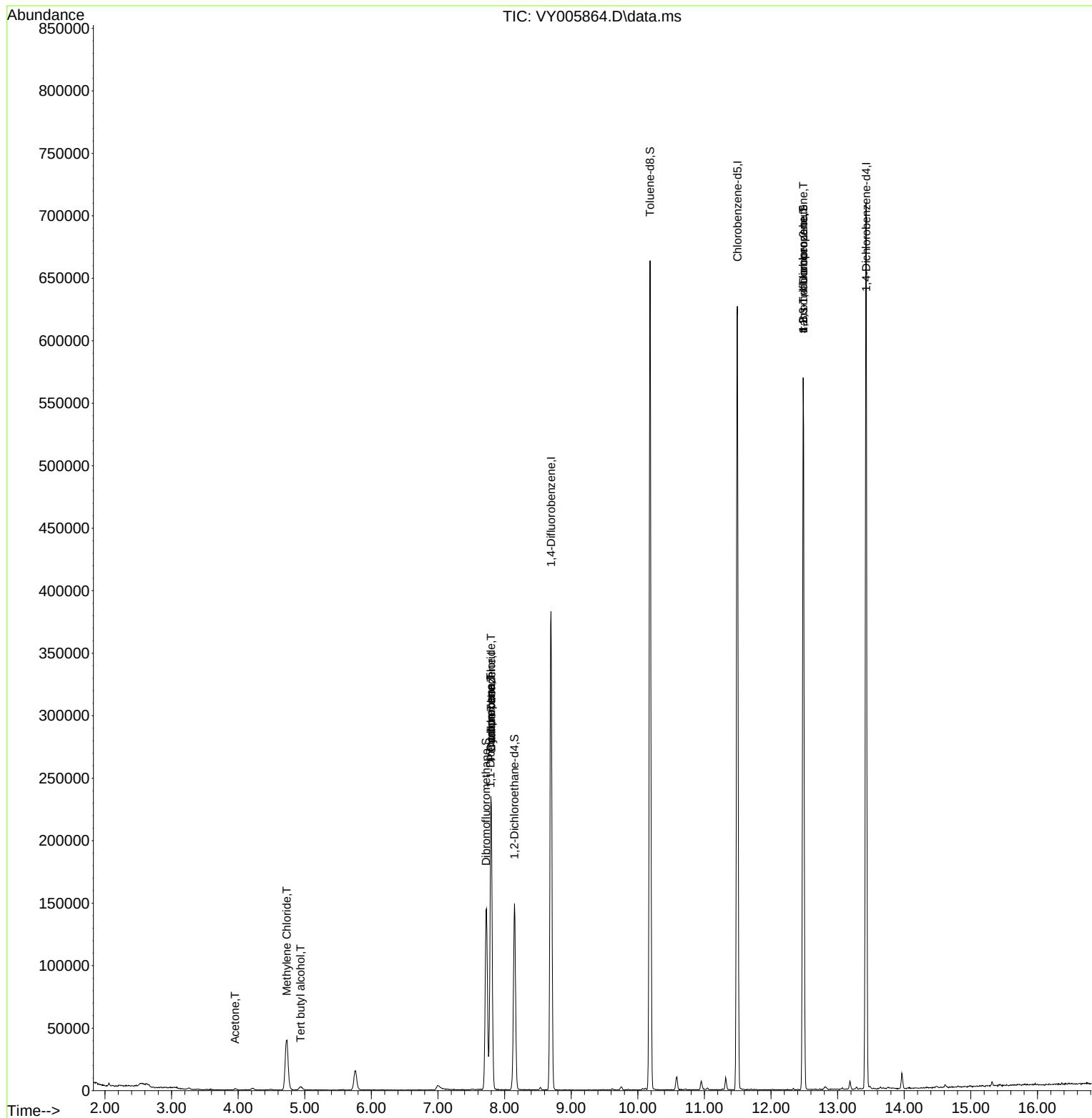
Internal Standards						
1) Pentafluorobenzene	7.801	168	191749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	329012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	349475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118906	61.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.520%	
35) Dibromofluoromethane	7.722	113	99752	54.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.300%	
50) Toluene-d8	10.185	98	427392	55.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.640%	
62) 4-Bromofluorobenzene	12.483	95	151500	59.219	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	2983	15.546	ug/l #	73
16) Acetone	3.954	43	1669	3.411	ug/l #	86
20) Methylene Chloride	4.728	84	31521	11.592	ug/l	95
31) Cyclohexane	7.795	56	3836	1.152	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	13929	4.514	ug/l #	48
38) Carbon Tetrachloride	7.795	117	17490	5.215	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	82796	44.981	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82796	90.675	ug/l #	11

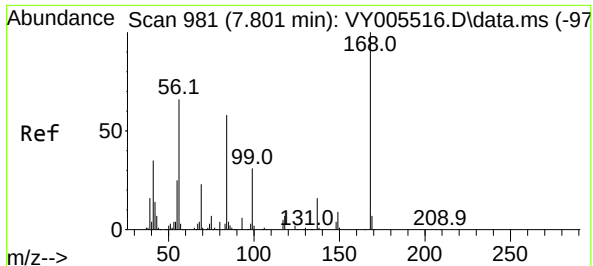
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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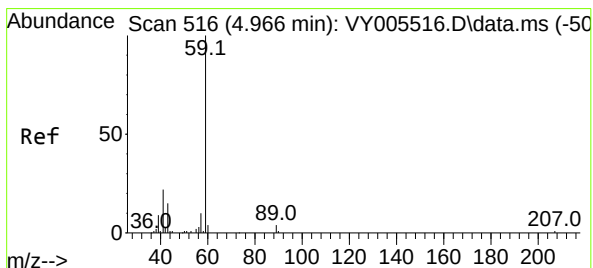
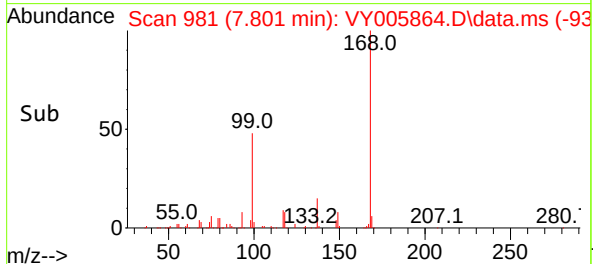
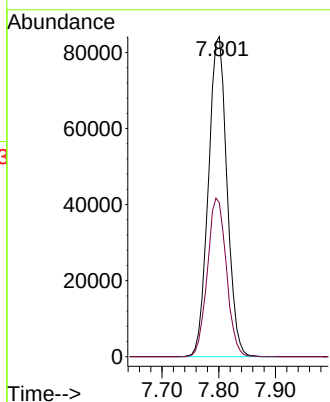
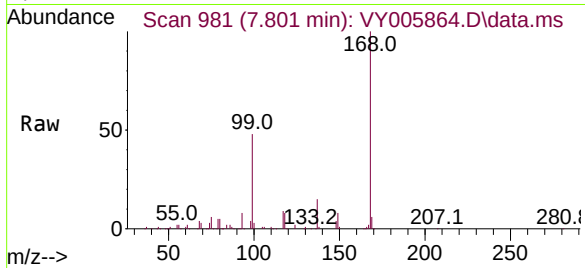




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

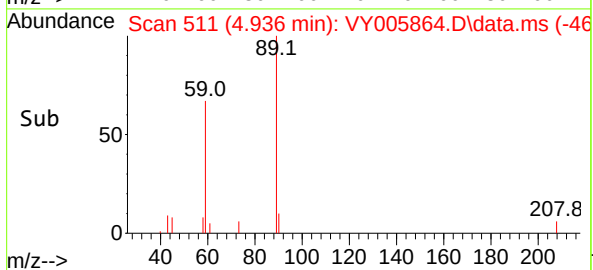
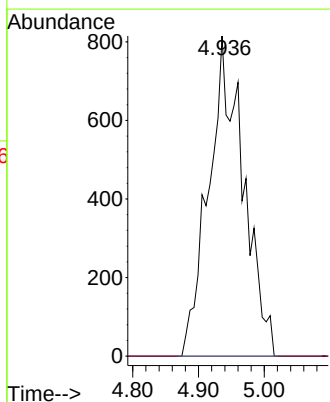
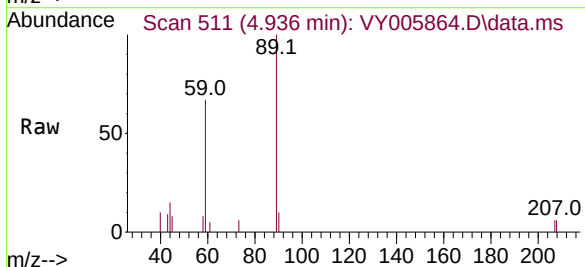
Instrument :
MSVOA_Y
ClientSampled :
PE-6

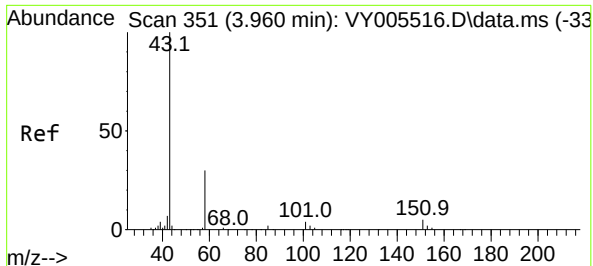
Tgt Ion:168 Resp: 191749
Ion Ratio Lower Upper
168 100
99 48.1 38.9 58.3



#11
Tert butyl alcohol
Concen: 15.546 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

Tgt Ion: 59 Resp: 2983
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

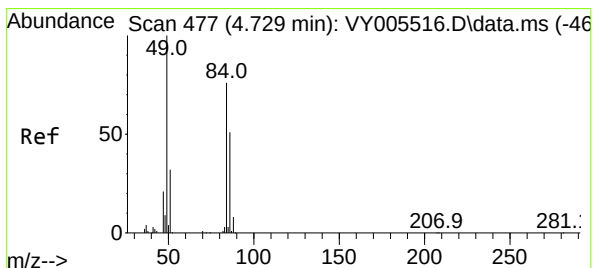
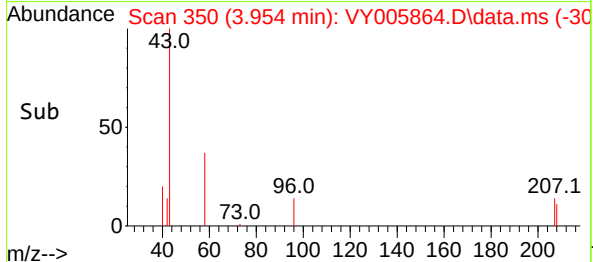
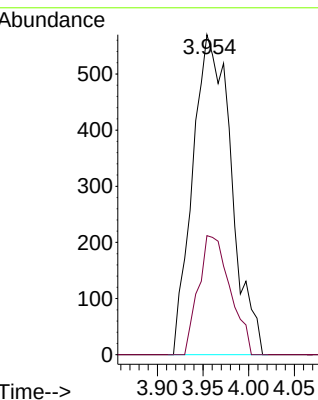
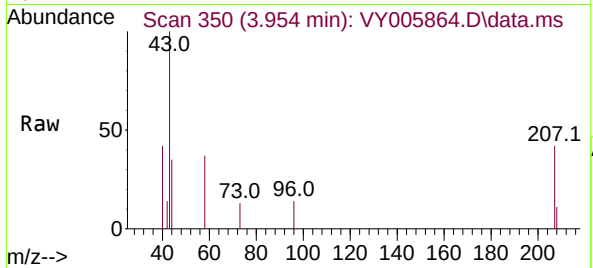




#16
Acetone
Concen: 3.411 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

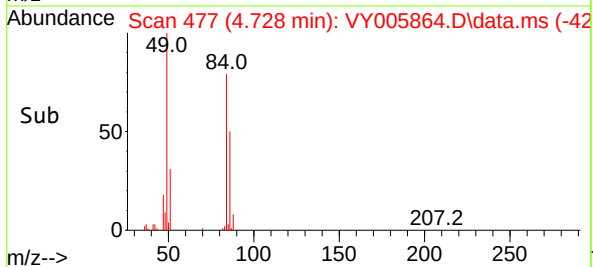
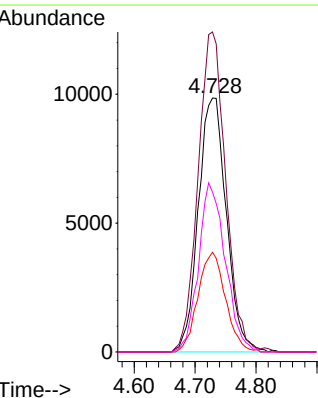
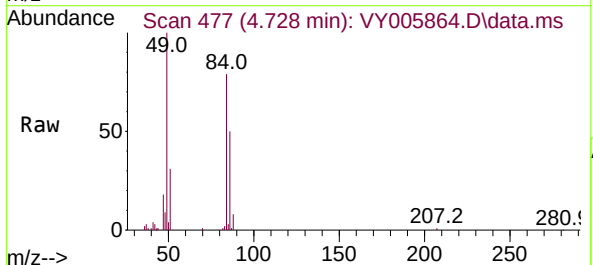
Instrument :
MSVOA_Y
ClientSampled :
PE-6

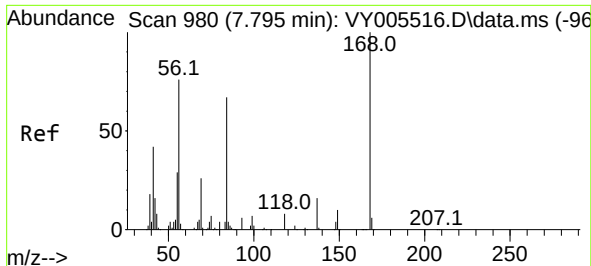
Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 37.2 23.8 35.6#



#20
Methylene Chloride
Concen: 11.592 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

Tgt Ion: 84 Resp: 31521
Ion Ratio Lower Upper
84 100
49 126.1 105.8 158.6
51 39.3 33.4 50.2
86 63.0 54.2 81.4

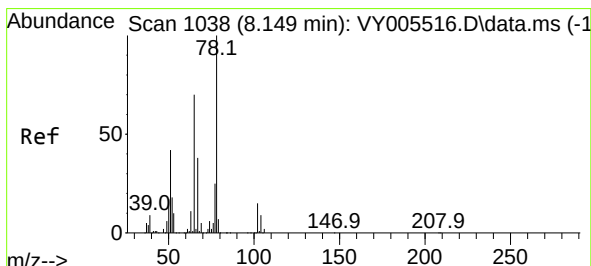
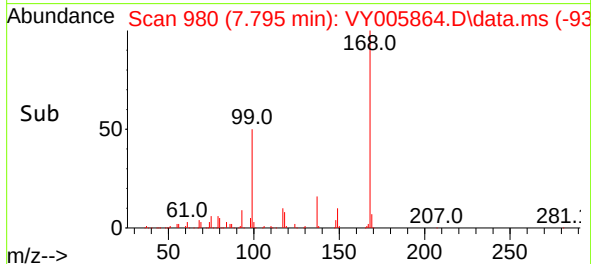
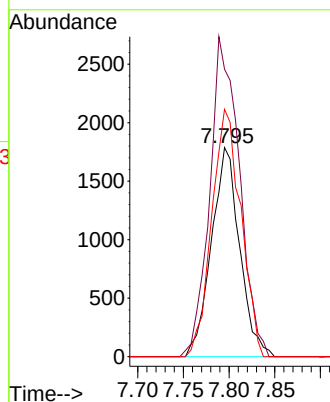
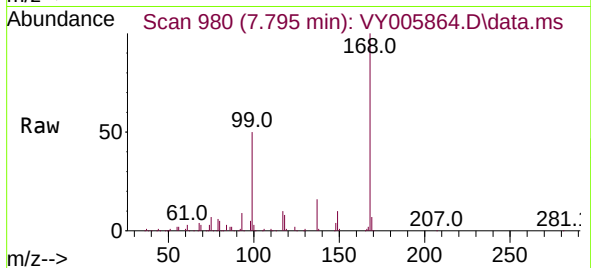




#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

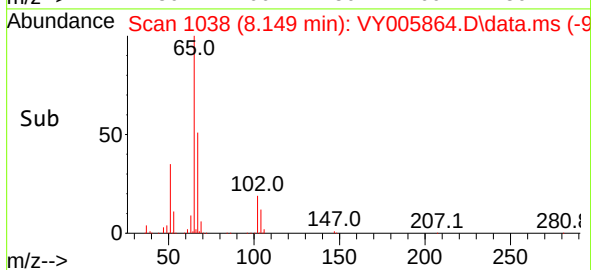
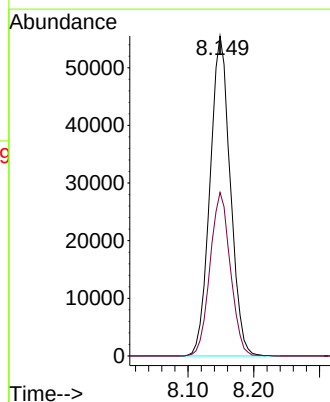
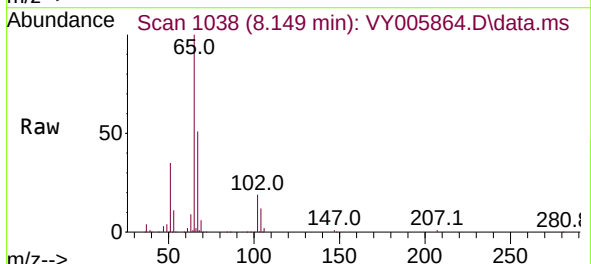
Instrument :
MSVOA_Y
ClientSampleId :
PE-6

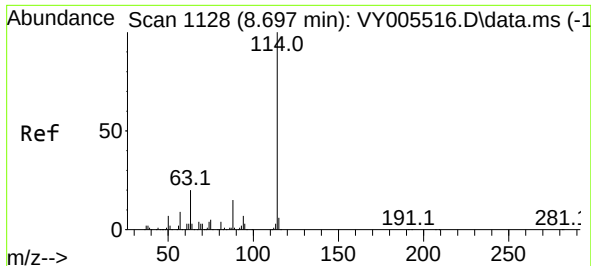
Tgt Ion: 56 Resp: 3836
Ion Ratio Lower Upper
56 100
69 137.4 27.7 41.5#
84 118.2 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 61.261 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

Tgt Ion: 65 Resp: 118906
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

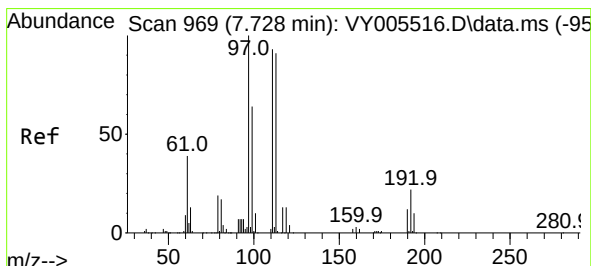
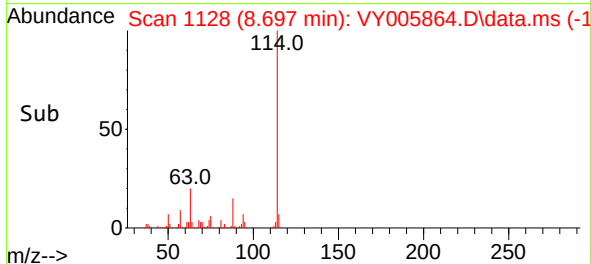
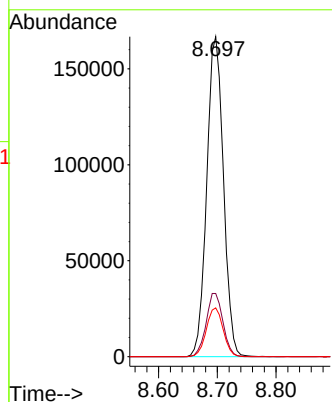
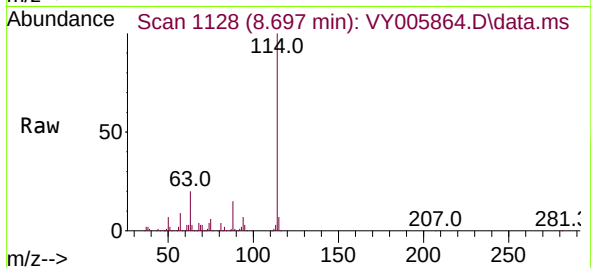




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

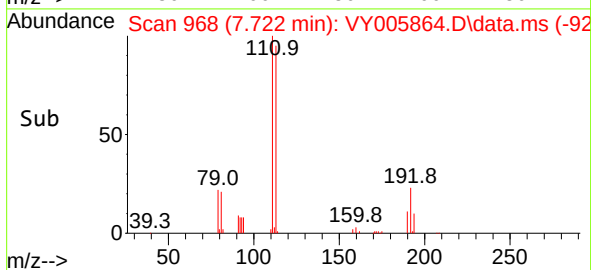
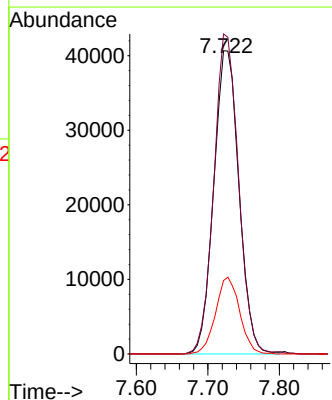
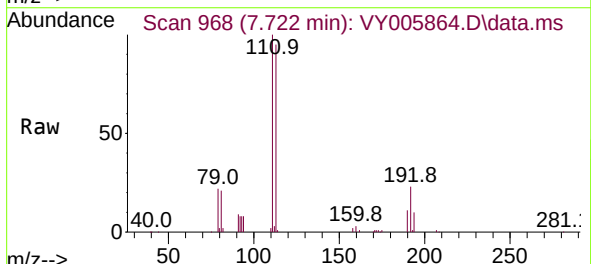
Instrument :
MSVOA_Y
ClientSampleId :
PE-6

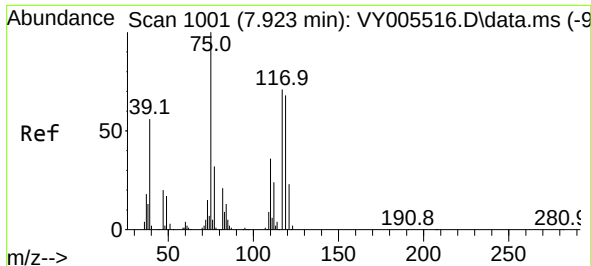
Tgt Ion:114 Resp: 329012
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.152 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

Tgt Ion:113 Resp: 99752
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 24.1 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.514 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY005864.D

Acq: 26 Aug 2021 16:28

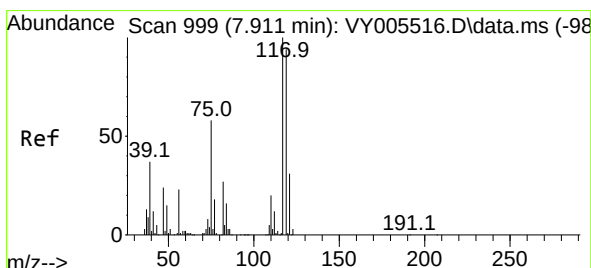
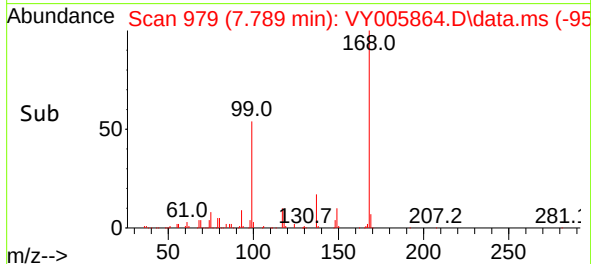
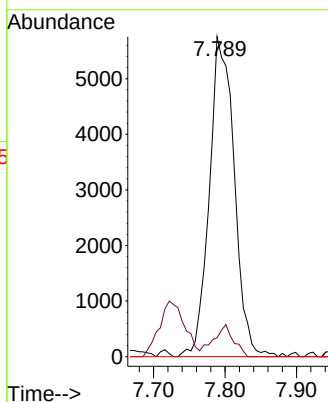
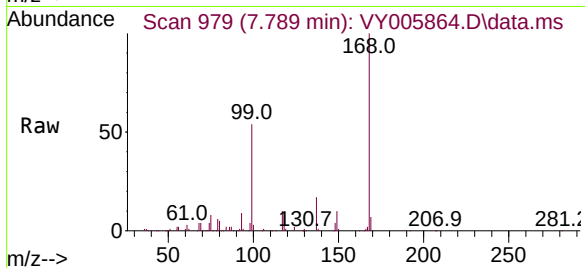
Instrument :

MSVOA_Y

ClientSampleId :

PE-6

Tgt Ion:	75	Resp:	13929
Ion Ratio	Lower	Upper	
75	100		
110	8.0	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.215 ug/l

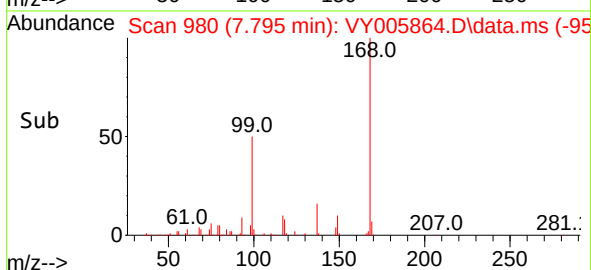
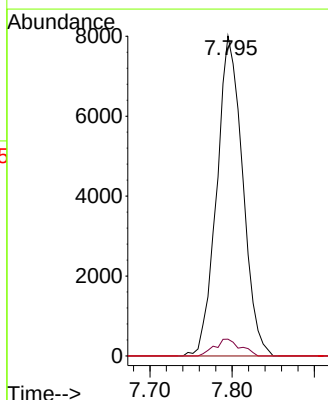
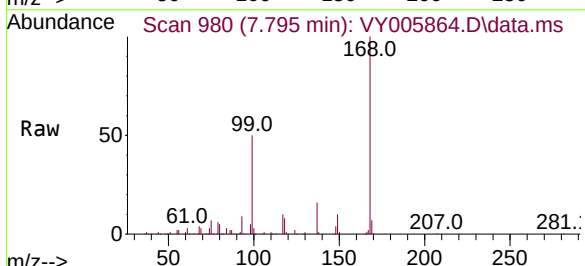
RT: 7.795 min Scan# 980

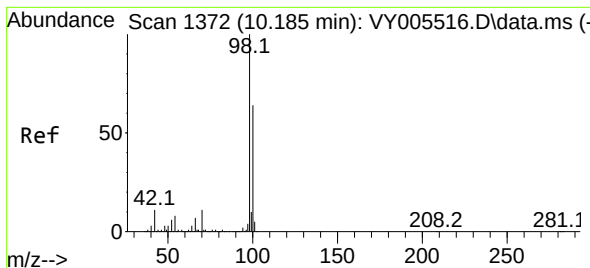
Delta R.T. -0.116 min

Lab File: VY005864.D

Acq: 26 Aug 2021 16:28

Tgt Ion:	117	Resp:	17490
Ion Ratio	Lower	Upper	
117	100		
119	5.2	75.4	113.0#
121	0.0	25.1	37.7#

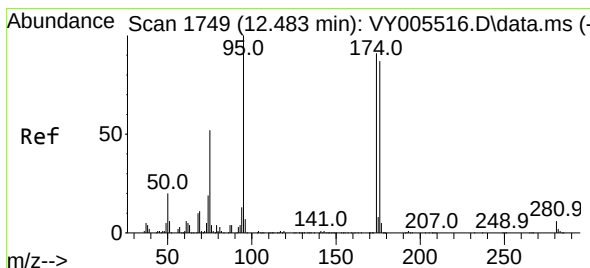
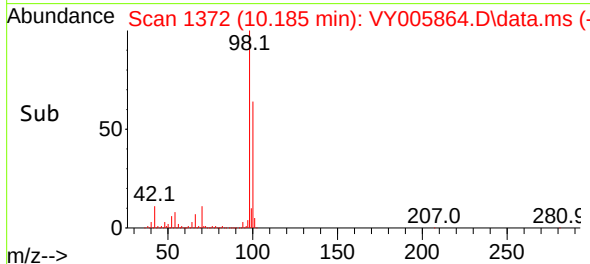
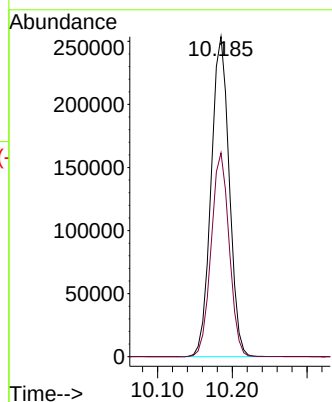
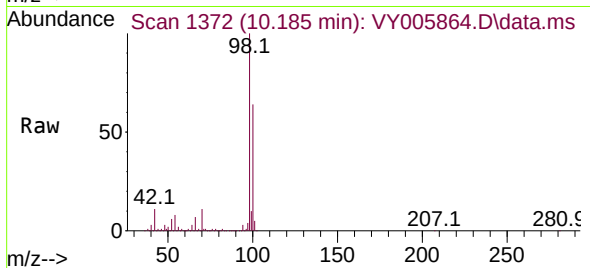




#50
Toluene-d8
Concen: 55.322 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

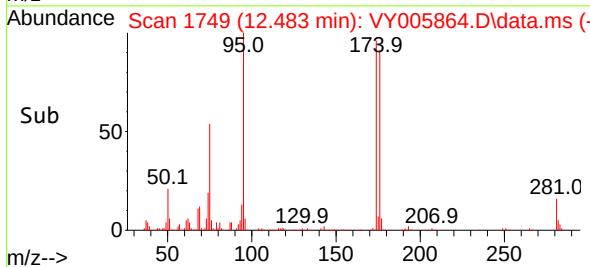
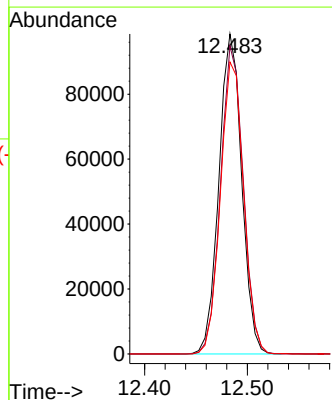
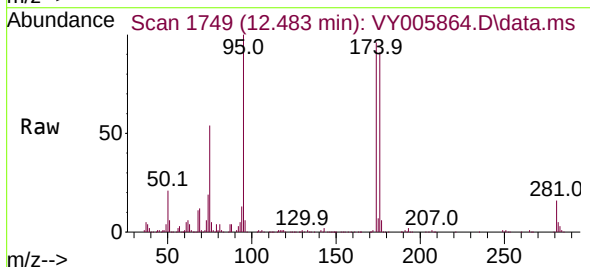
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MSVOA_Y
ClientSampleId :
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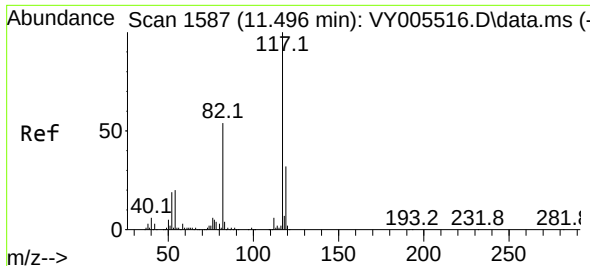
Tgt Ion: 98 Resp: 427392
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.219 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

Tgt Ion: 95 Resp: 151500
Ion Ratio Lower Upper
95 100
174 96.1 0.0 191.4
176 92.8 0.0 183.6

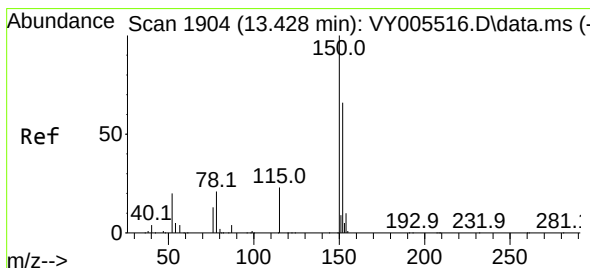
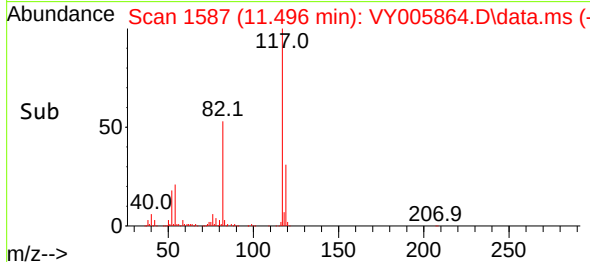
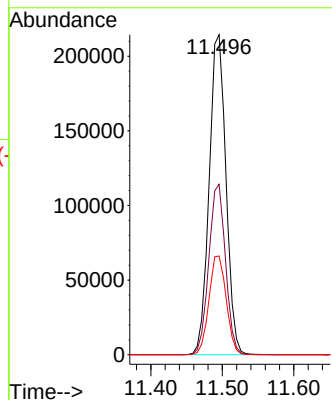
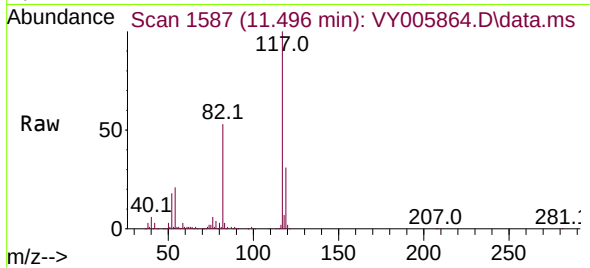




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

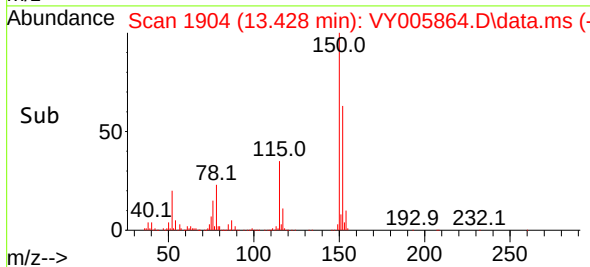
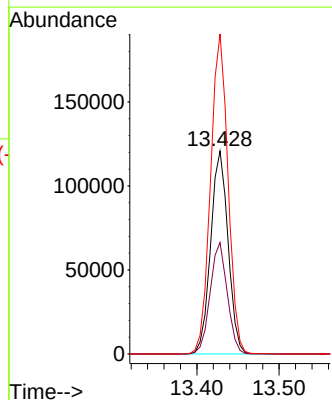
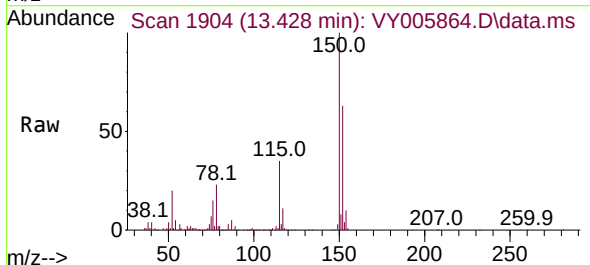
Instrument :
MSVOA_Y
ClientSampled :
PE-6

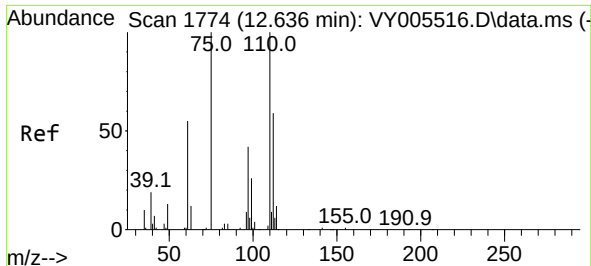
Tgt Ion:117 Resp: 349475
Ion Ratio Lower Upper
117 100
82 53.3 43.5 65.3
119 30.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

Tgt Ion:152 Resp: 177624
Ion Ratio Lower Upper
152 100
115 54.1 27.3 81.9
150 158.1 0.0 350.2

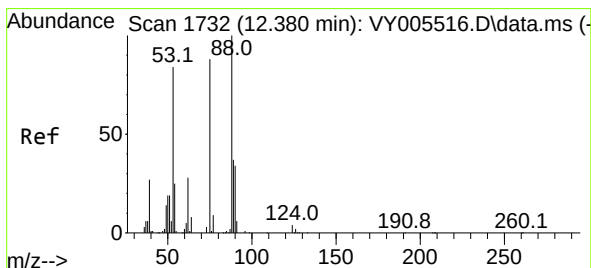
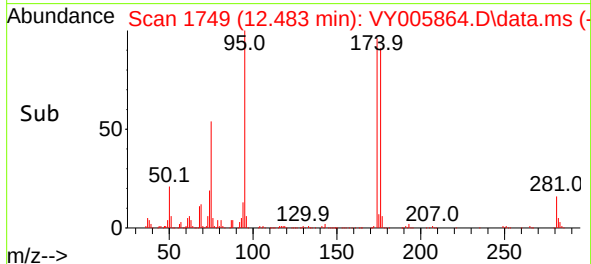
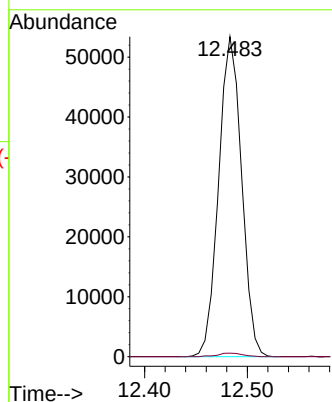
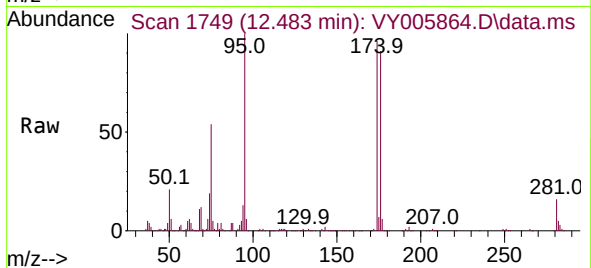




#76
1,2,3-Trichloropropane
Concen: 44.981 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

Instrument :
MSVOA_Y
ClientSampled :
PE-6

Tgt Ion: 75 Resp: 82796
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.675 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005864.D
Acq: 26 Aug 2021 16:28

Tgt Ion: 75 Resp: 82796
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.1 38.4 57.6#

