

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005861.D
 Acq On : 26 Aug 2021 15:18
 Operator : SY/MD
 Sample : M3547-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

Quant Time: Aug 27 03:26:11 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)

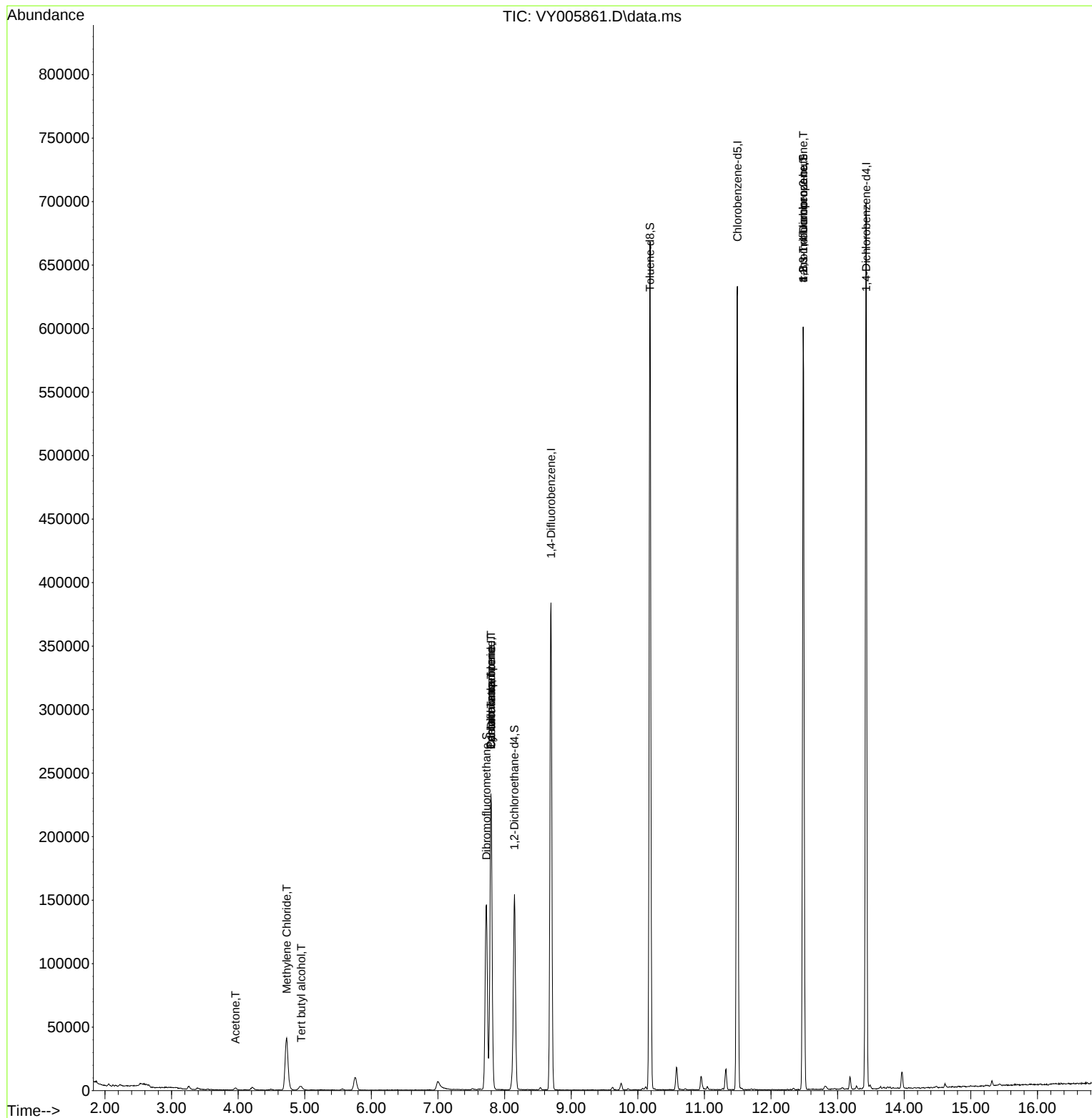
Internal Standards						
1) Pentafluorobenzene	7.795	168	191406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	347004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119956	61.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.820%	
35) Dibromofluoromethane	7.728	113	100712	54.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.000%	
50) Toluene-d8	10.185	98	428750	55.325	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.640%	
62) 4-Bromofluorobenzene	12.483	95	151877	59.181	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1804	9.419	ug/l #	73
16) Acetone	3.960	43	2958	6.055	ug/l #	74
20) Methylene Chloride	4.729	84	30805	11.204	ug/l	94
31) Cyclohexane	7.795	56	3583	1.078	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	13391	4.326	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16984	5.048	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	83699	44.909	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83699	90.531	ug/l #	11

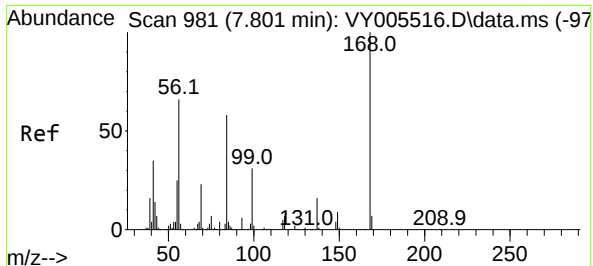
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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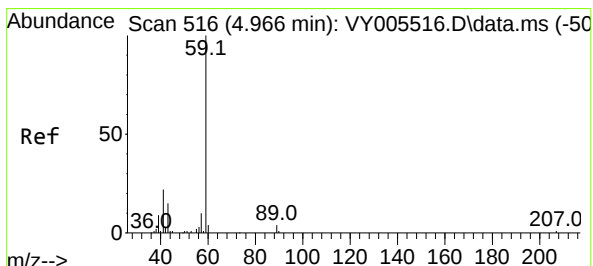
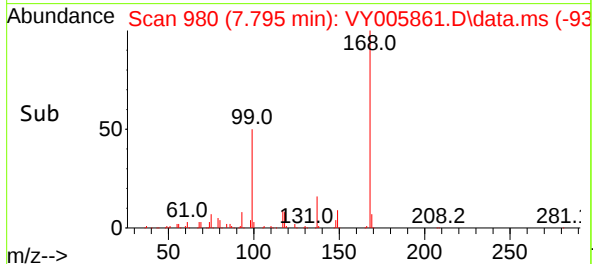
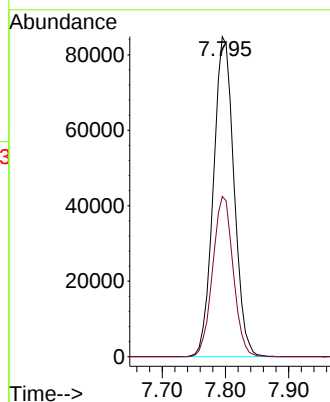
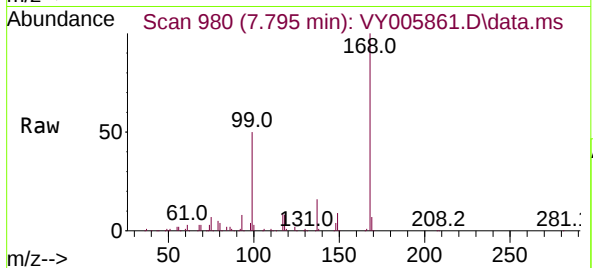




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

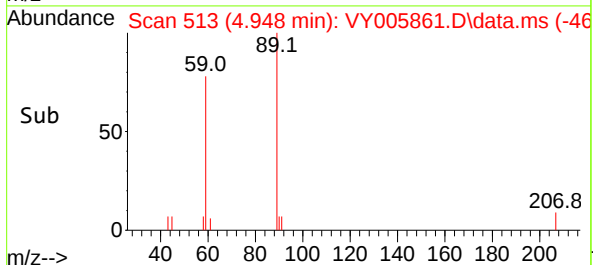
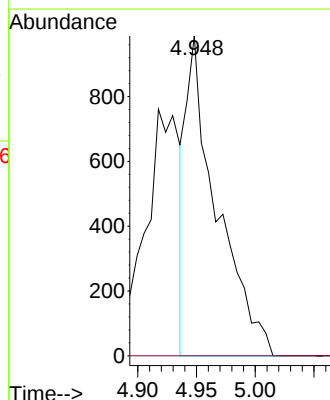
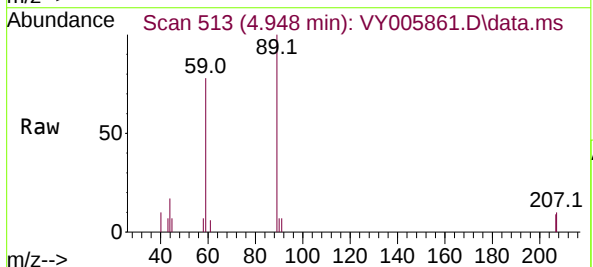
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

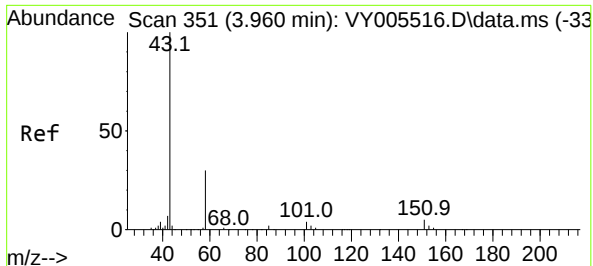
Tgt Ion:168 Resp: 191406
Ion Ratio Lower Upper
168 100
99 50.1 38.9 58.3



#11
Tert butyl alcohol
Concen: 9.419 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion: 59 Resp: 1804
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

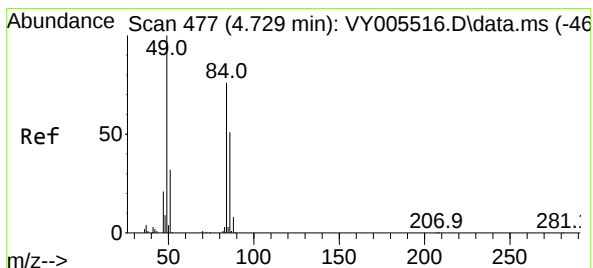
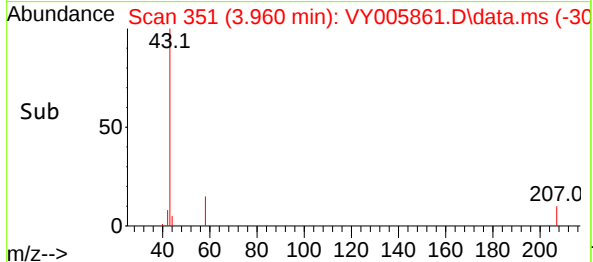
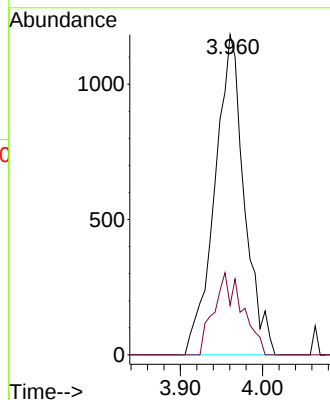
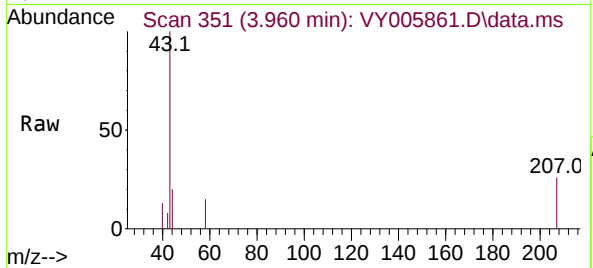




#16
Acetone
Concen: 6.055 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

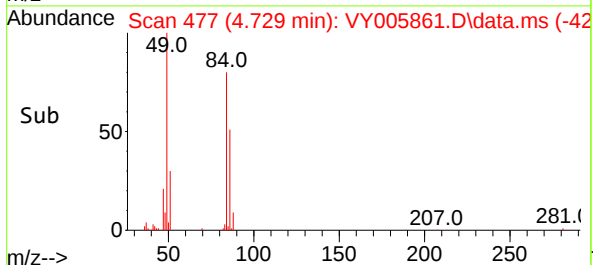
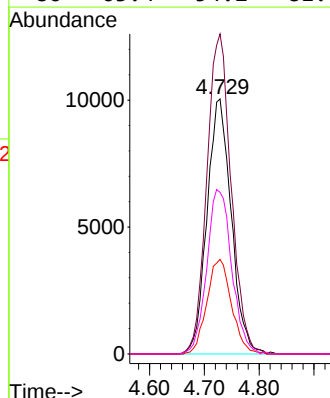
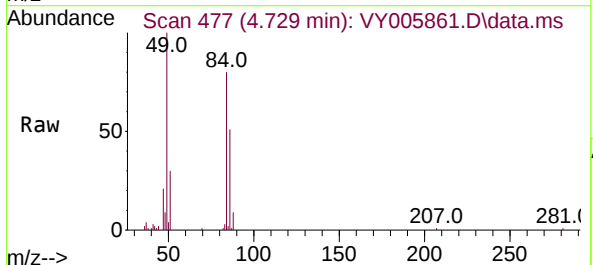
Instrument :
MSVOA_Y
ClientSampled :
PE-3

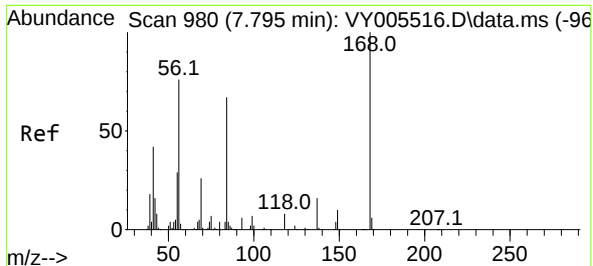
Tgt Ion: 43 Resp: 2958
Ion Ratio Lower Upper
43 100
58 15.5 23.8 35.6#



#20
Methylene Chloride
Concen: 11.204 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion: 84 Resp: 30805
Ion Ratio Lower Upper
84 100
49 125.5 105.8 158.6
51 37.1 33.4 50.2
86 63.4 54.2 81.4

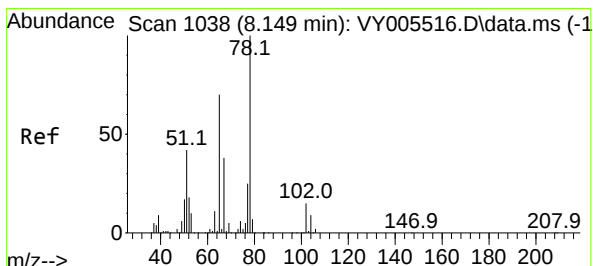
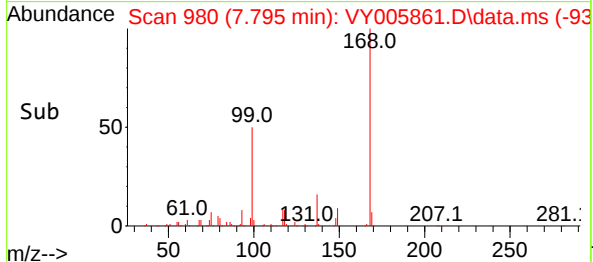
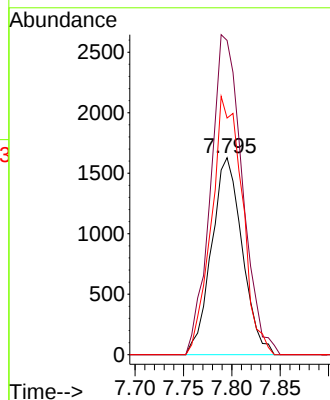
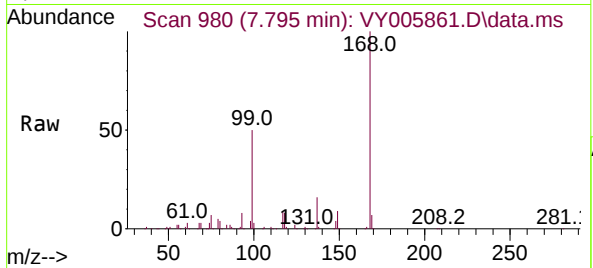




#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

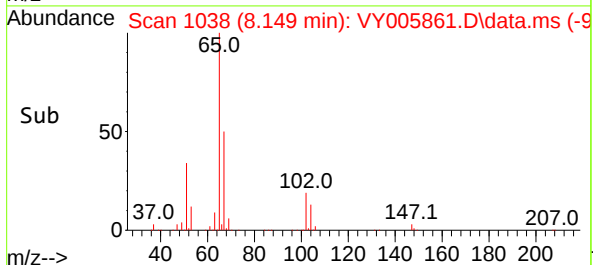
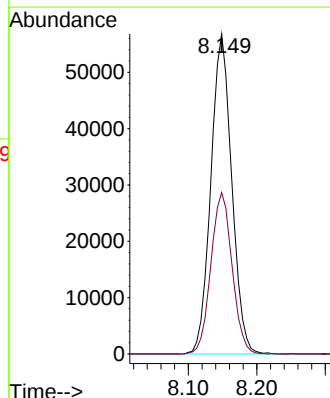
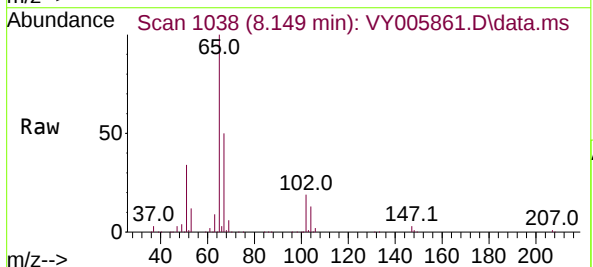
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

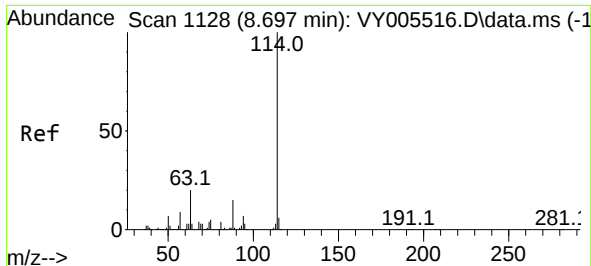
Tgt Ion: 56 Resp: 3583
Ion Ratio Lower Upper
56 100
69 159.5 27.7 41.5#
84 120.1 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 61.913 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion: 65 Resp: 119956
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

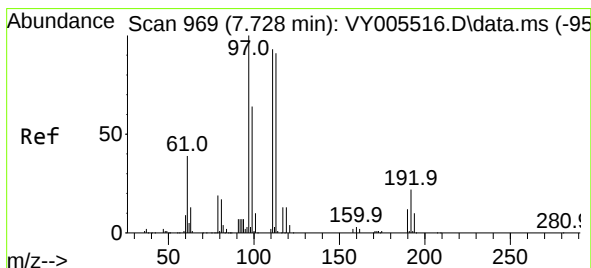
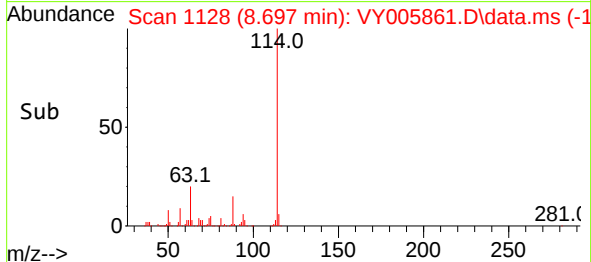
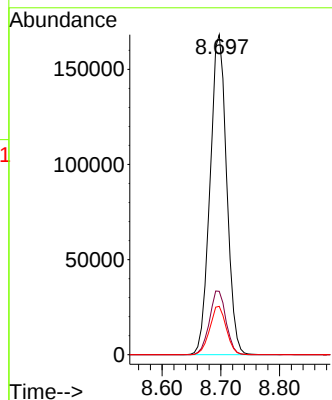
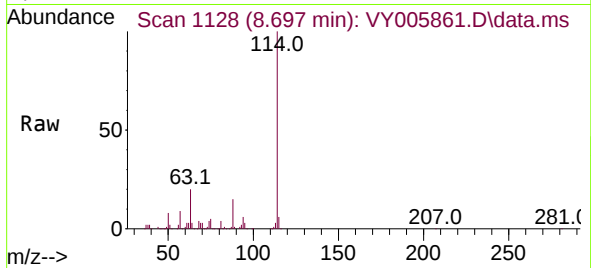




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

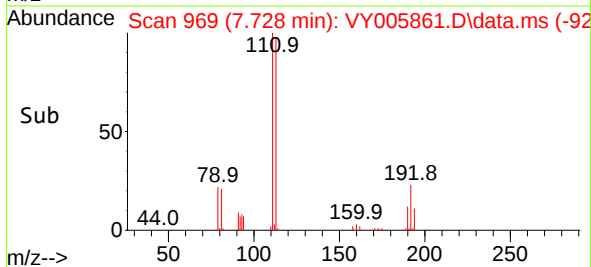
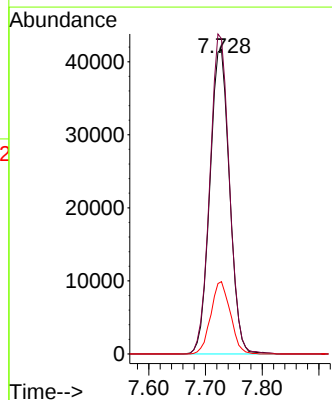
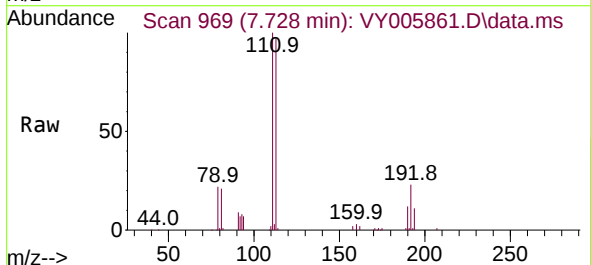
Instrument :
MSVOA_Y
ClientSampled :
PE-3

Tgt Ion:114 Resp: 330044
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.503 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion:113 Resp: 100712
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 23.4 19.2 28.8

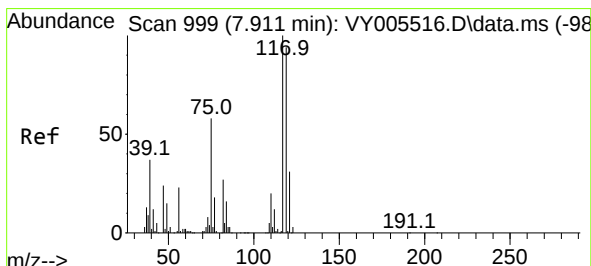
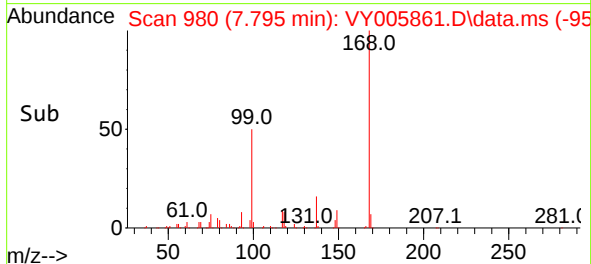
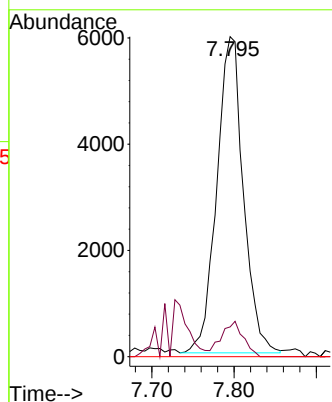
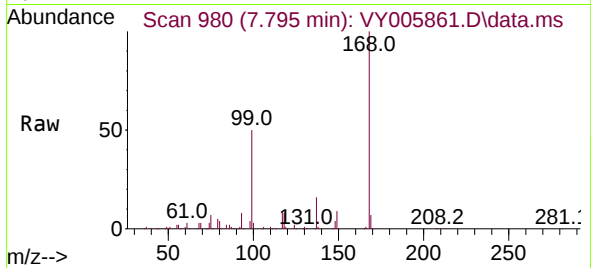




#36
1,1-Dichloropropene
Concen: 4.326 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

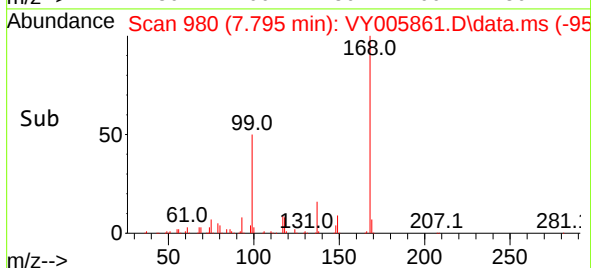
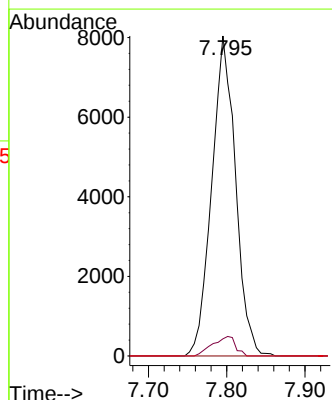
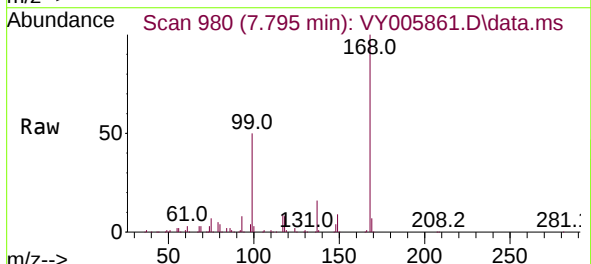
Instrument :
MSVOA_Y
ClientSampled :
PE-3

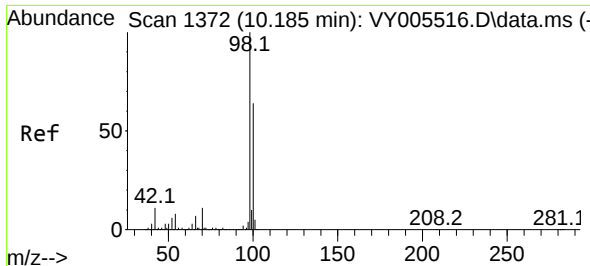
Tgt Ion: 75 Resp: 13391
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.048 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion: 117 Resp: 16984
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.0#
121 0.0 25.1 37.7#

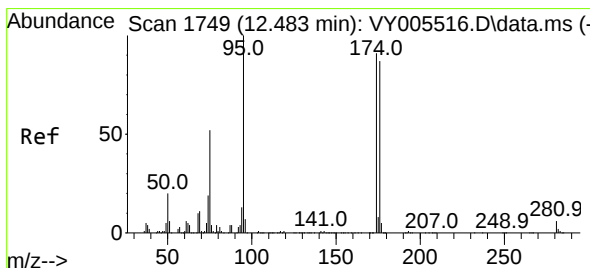
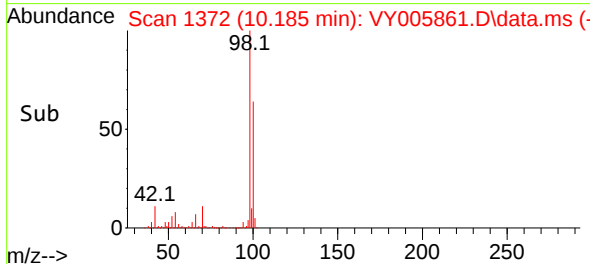
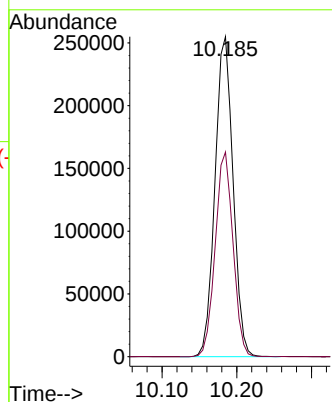
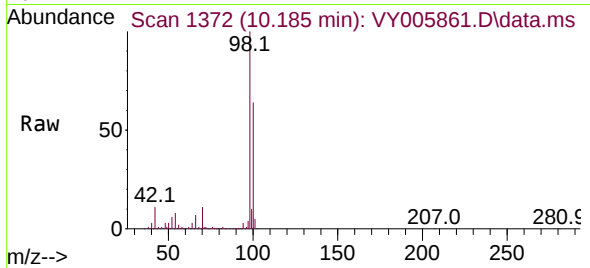




#50
Toluene-d8
Concen: 55.325 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

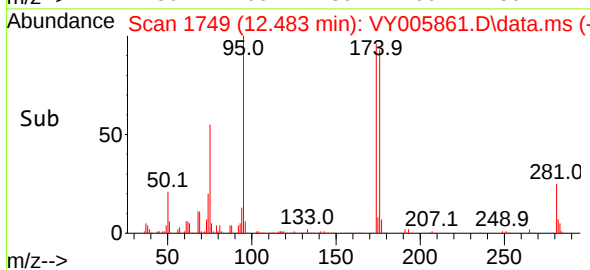
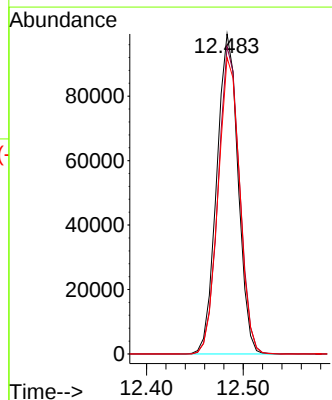
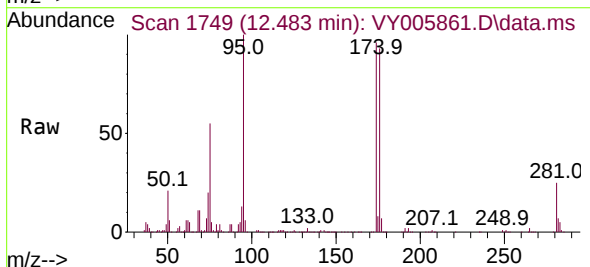
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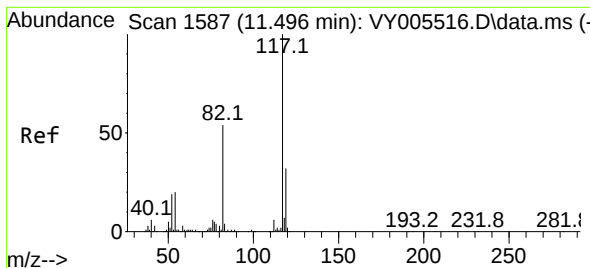
Tgt Ion: 98 Resp: 428750
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.181 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion: 95 Resp: 151877
Ion Ratio Lower Upper
95 100
174 95.9 0.0 191.4
176 93.6 0.0 183.6

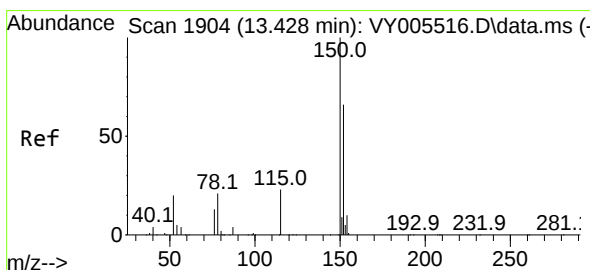
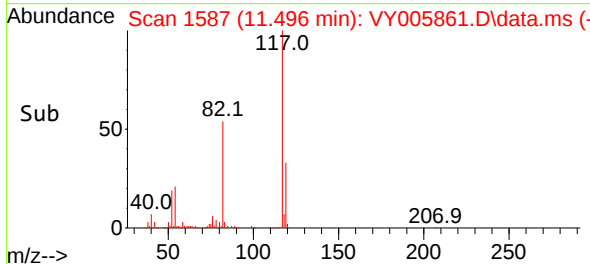
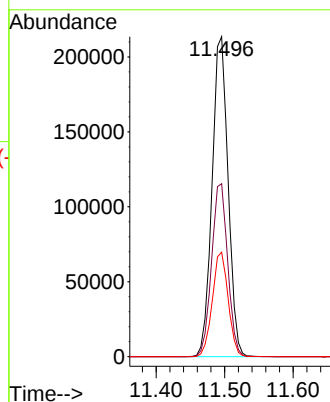
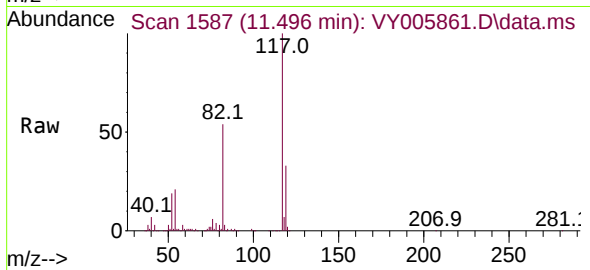




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

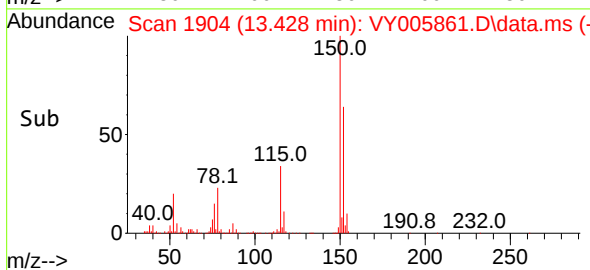
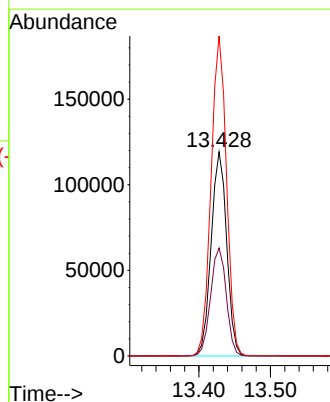
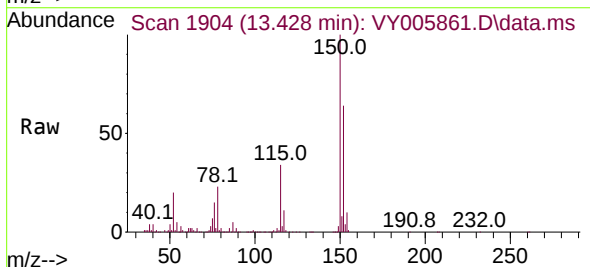
Instrument :
MSVOA_Y
ClientSampled :
PE-3

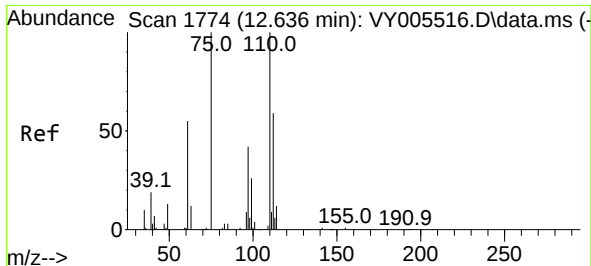
Tgt Ion:	117	Resp:	347004
Ion Ratio	Lower	Upper	
117	100		
82	54.0	43.5	65.3
119	32.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion:	152	Resp:	179848
Ion Ratio	Lower	Upper	
152	100		
115	53.5	27.3	81.9
150	155.6	0.0	350.2

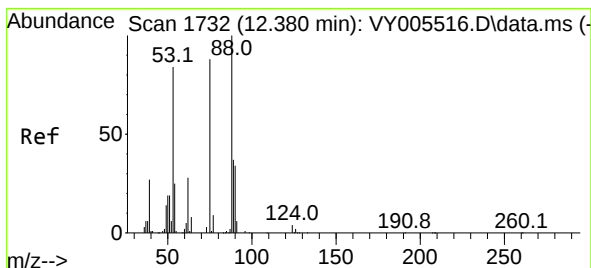
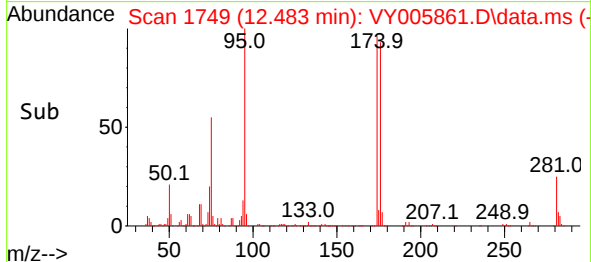
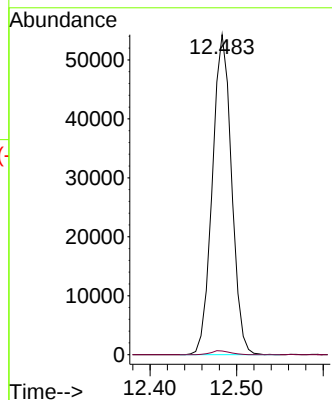
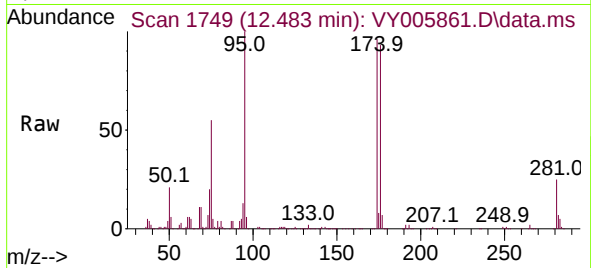




#76
1,2,3-Trichloropropane
Concen: 44.909 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Instrument :
MSVOA_Y
ClientSampled :
PE-3

Tgt Ion: 75 Resp: 83699
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.531 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005861.D
Acq: 26 Aug 2021 15:18

Tgt Ion: 75 Resp: 83699
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.1 38.4 57.6#

