

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005448.D
 Acq On : 26 Jul 2021 16:35
 Operator : SY/MD
 Sample : M3151-01RE
 Misc : 5.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:11:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

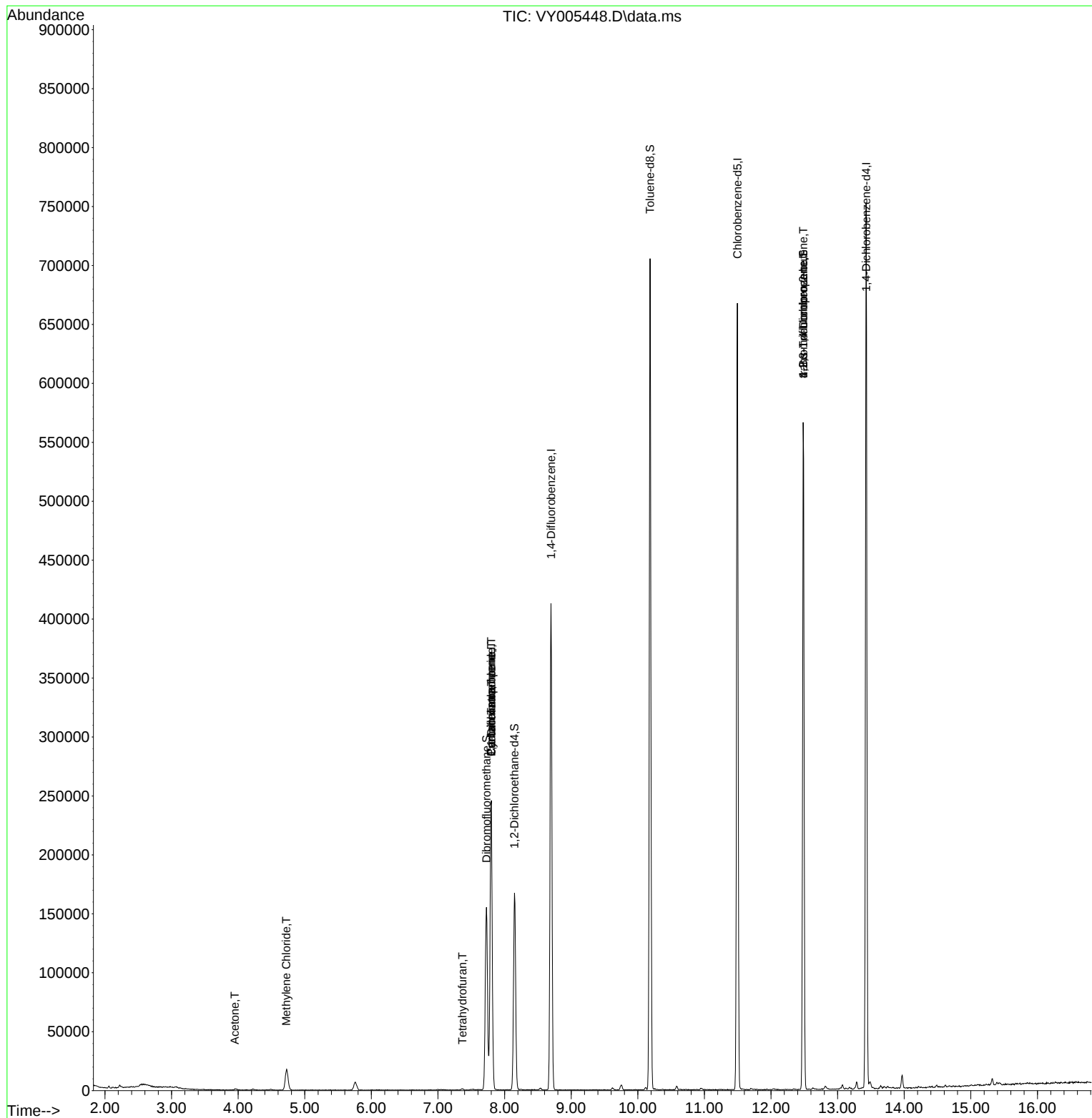
Internal Standards						
1) Pentafluorobenzene	7.801	168	199589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	343233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	352393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136948	64.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.460%	
35) Dibromofluoromethane	7.728	113	106136	53.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.100%	
50) Toluene-d8	10.185	98	437718	52.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	12.483	95	159855	57.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.320%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	745	1.530	ug/l #	70
20) Methylene Chloride	4.722	84	13073	3.585	ug/l	97
29) Tetrahydrofuran	7.368	42	792	1.640	ug/l #	52
31) Cyclohexane	7.801	56	4058	1.115	ug/l #	18
36) 1,1-Dichloropropene	7.801	75	14260	4.297	ug/l #	50
38) Carbon Tetrachloride	7.801	117	18166	5.009	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	86937	47.384	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86937	92.006	ug/l #	11

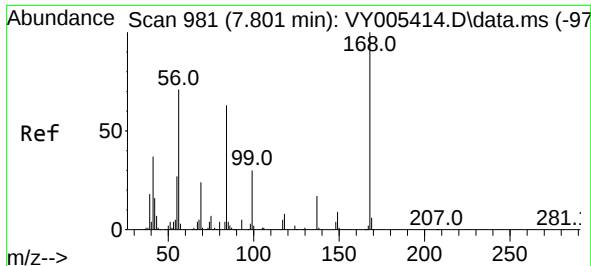
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Jul 27 03:11:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

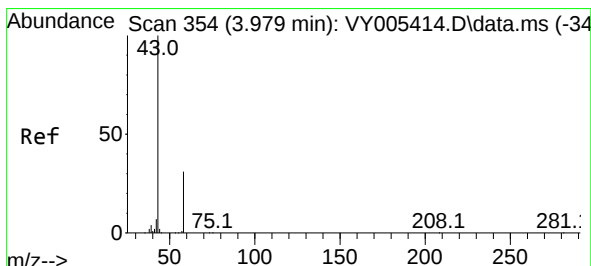
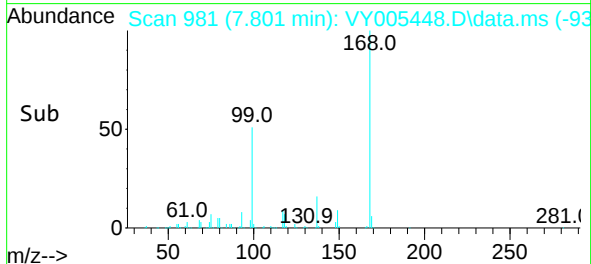
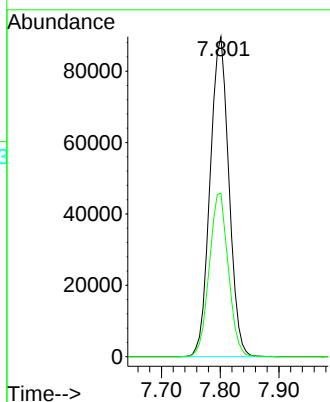
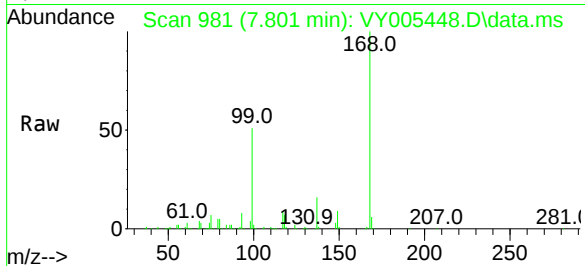




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

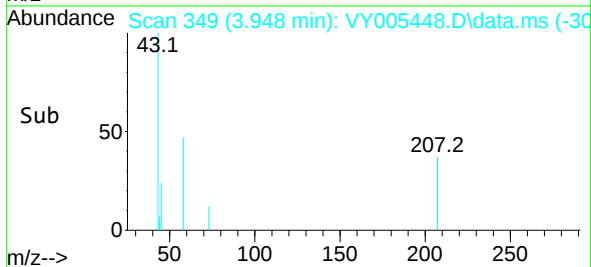
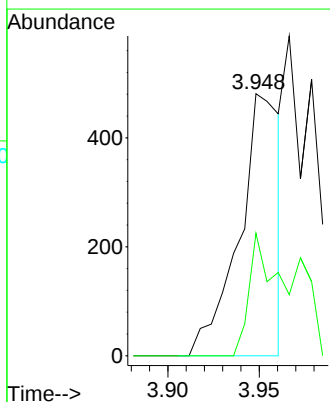
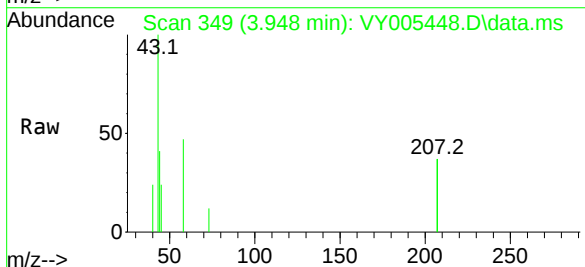
Instrument :
MSVOA_Y
ClientSampled :

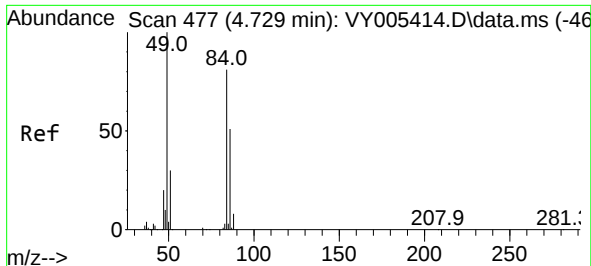
Tgt Ion:168 Resp: 199589
Ion Ratio Lower Upper
168 100
99 51.1 39.8 59.6



#16
Acetone
Concen: 1.530 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.030 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 46.8 24.5 36.7#





#20

Methylene Chloride

Concen: 3.585 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

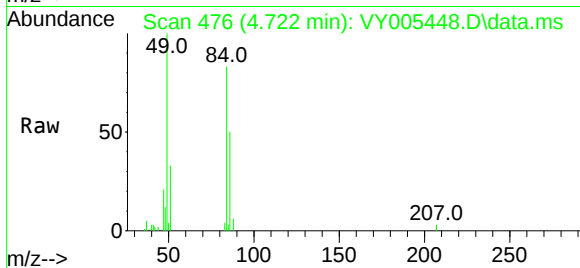
Lab File: VY005448.D

Acq: 26 Jul 2021 16:35

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 13073

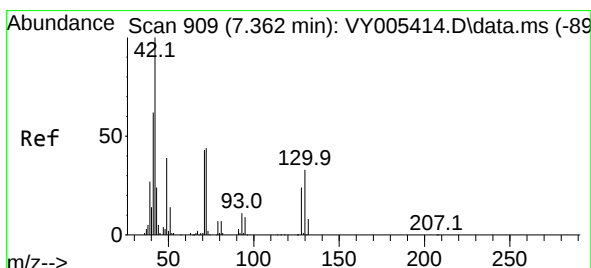
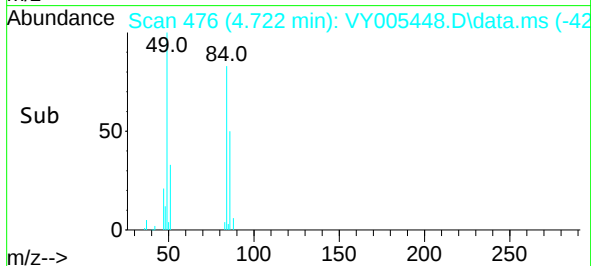
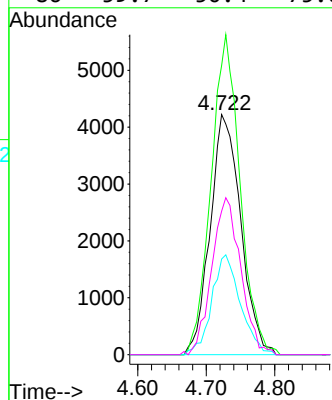
Ion Ratio Lower Upper

84 100

49 120.4 98.9 148.3

51 39.8 30.0 45.0

86 59.7 50.4 75.6



#29

Tetrahydrofuran

Concen: 1.640 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY005448.D

Acq: 26 Jul 2021 16:35

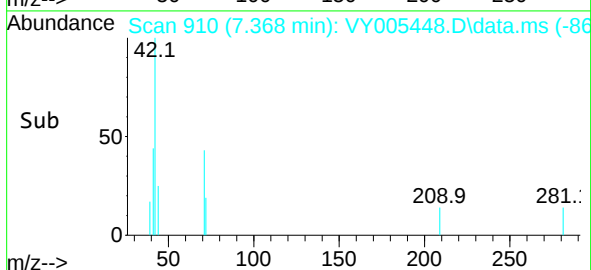
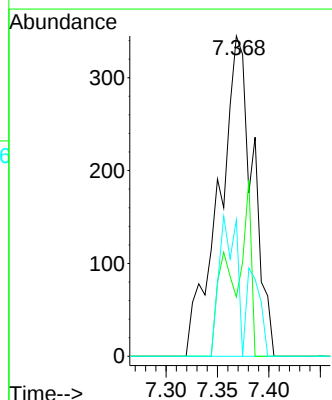
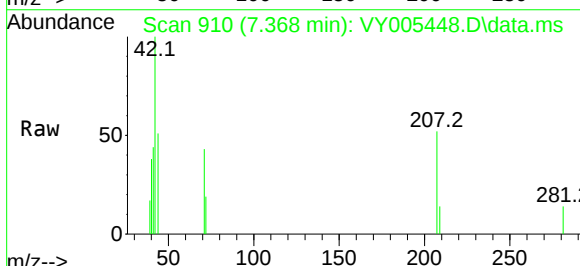
Tgt Ion: 42 Resp: 792

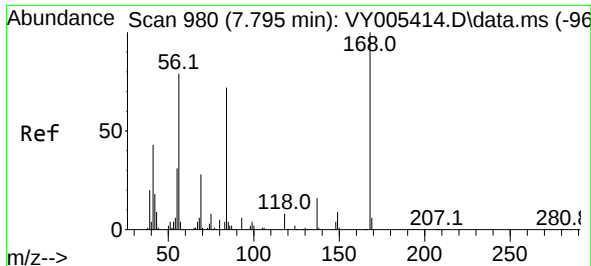
Ion Ratio Lower Upper

42 100

72 13.4 35.3 52.9#

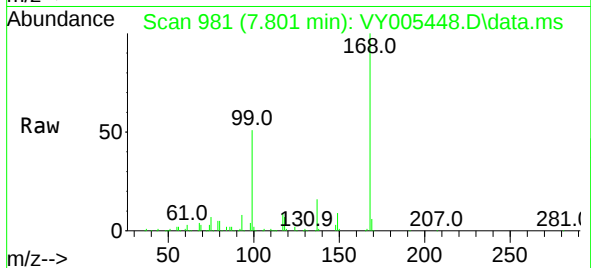
71 10.9 33.4 50.2#



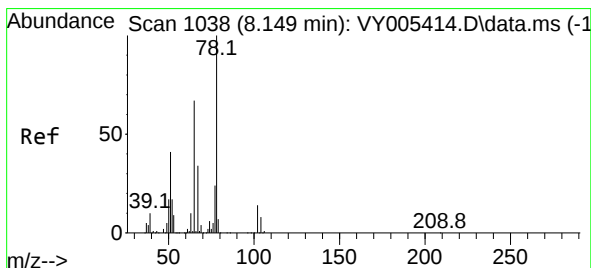
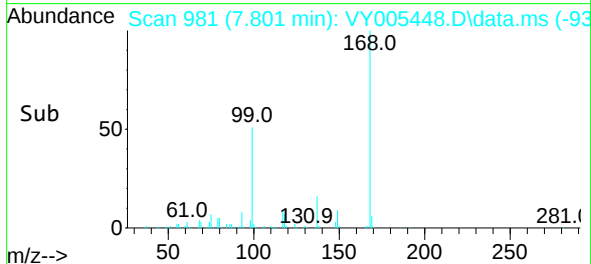
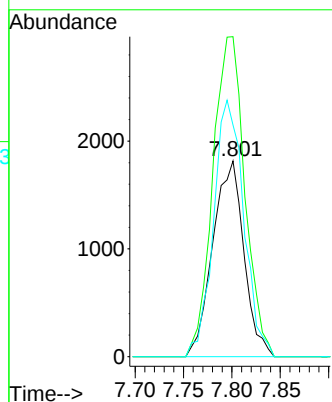


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Instrument :
MSVOA_Y
ClientSampled :

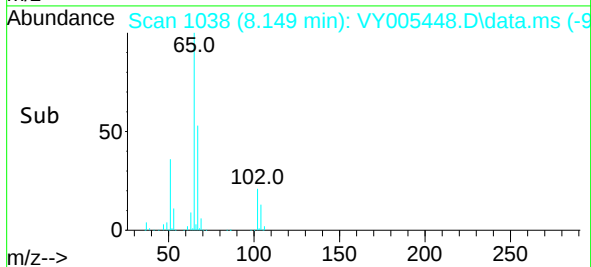
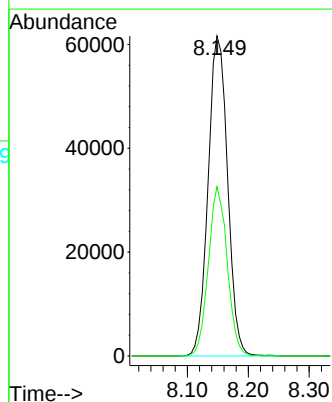
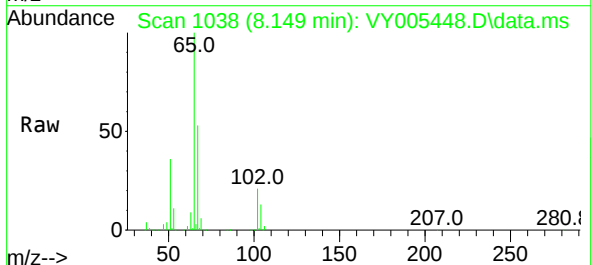


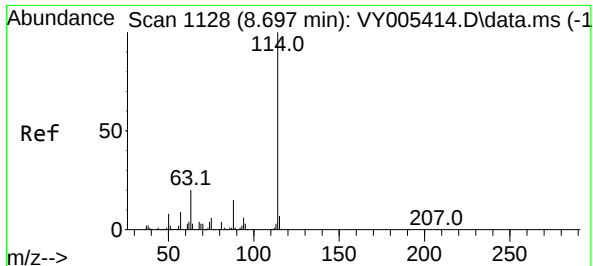
Tgt Ion: 56 Resp: 4058
Ion Ratio Lower Upper
56 100
69 163.5 28.7 43.1#
84 118.3 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 64.226 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Tgt Ion: 65 Resp: 136948
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.2



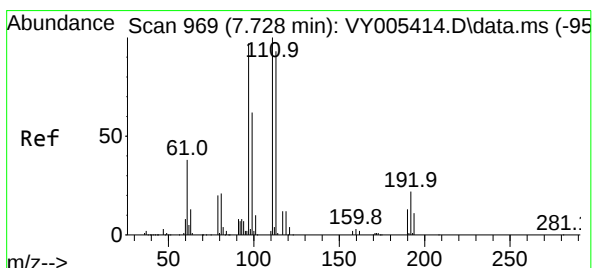
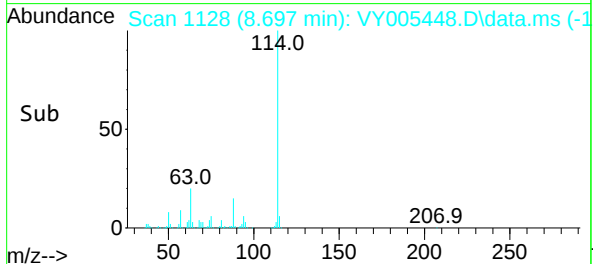
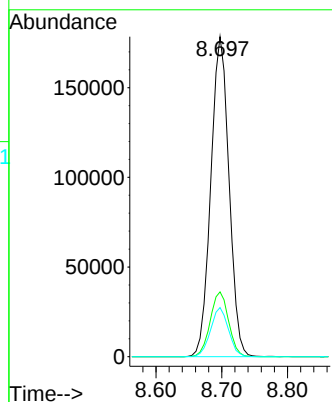
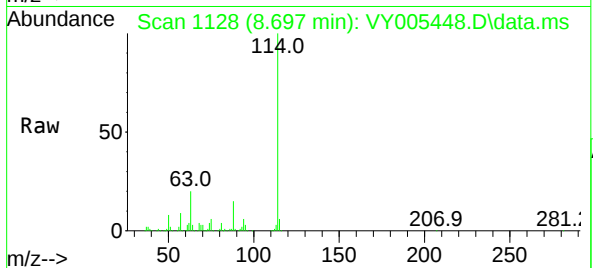


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Instrument :
MSVOA_Y
ClientSampled :

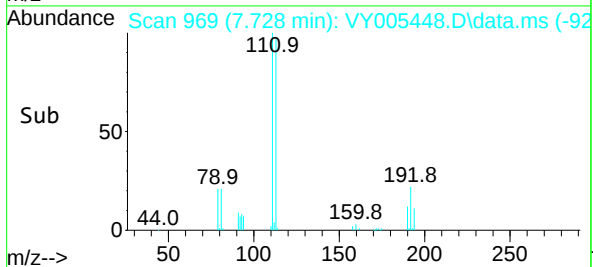
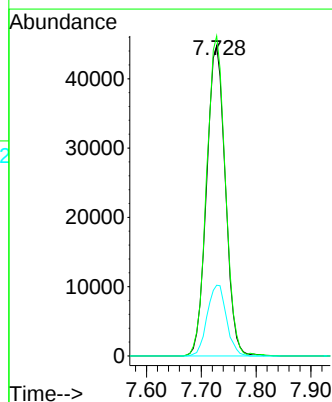
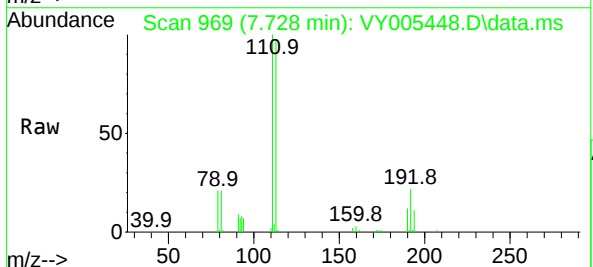
Tgt Ion:114 Resp: 343233
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.0
88 15.4 0.0 30.8

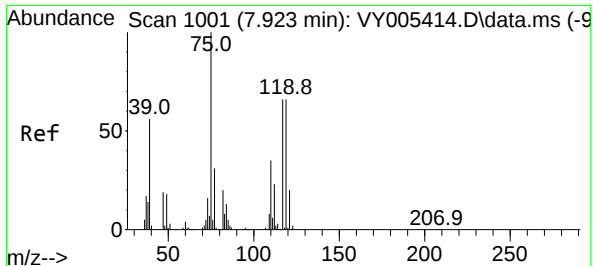


#35

Dibromofluoromethane
Concen: 53.554 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Tgt Ion:113 Resp: 106136
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 23.3 18.9 28.3

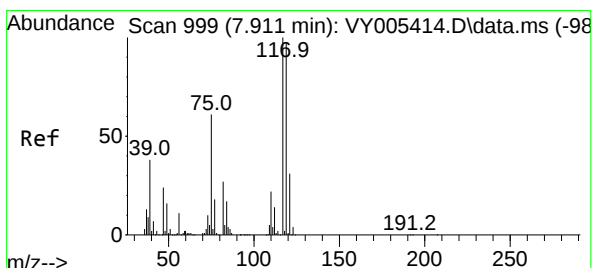
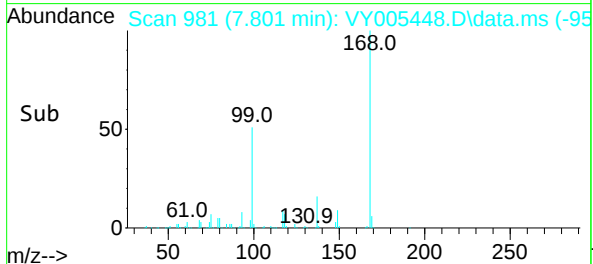
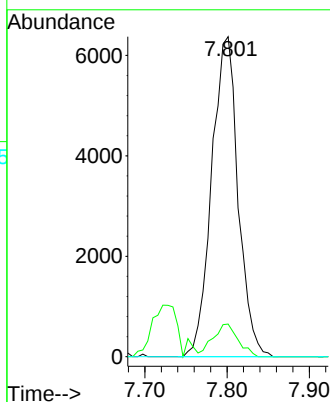
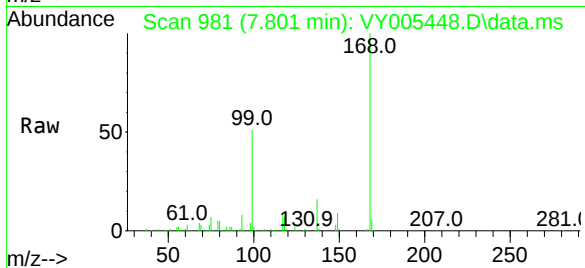




#36
1,1-Dichloropropene
Concen: 4.297 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

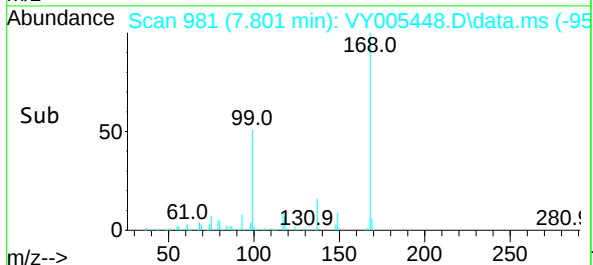
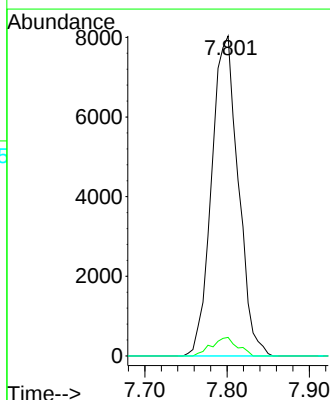
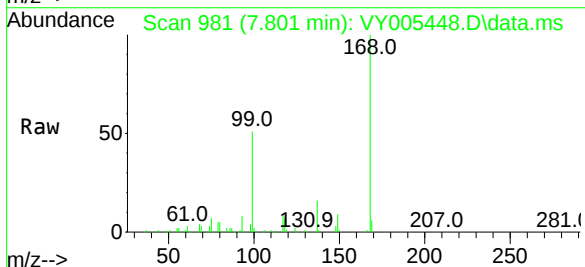
Instrument :
MSVOA_Y
ClientSampled :

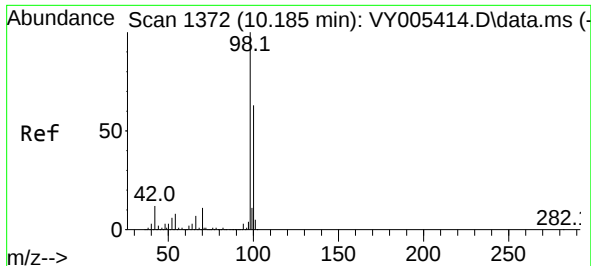
Tgt Ion: 75 Resp: 14260
Ion Ratio Lower Upper
75 100
110 9.7 17.6 52.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.009 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Tgt Ion: 117 Resp: 18166
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 25.1 37.7#

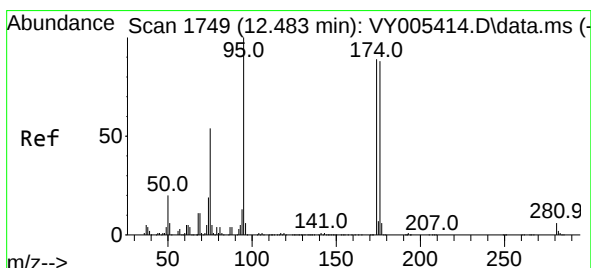
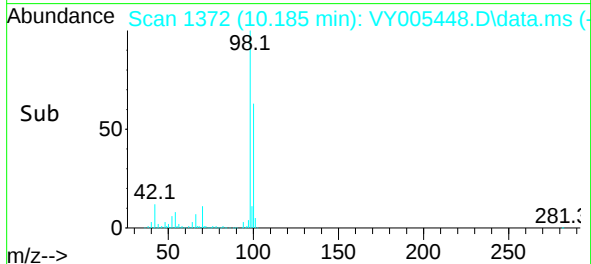
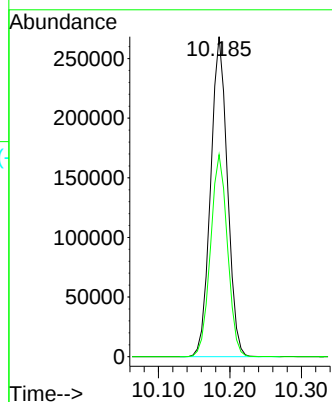
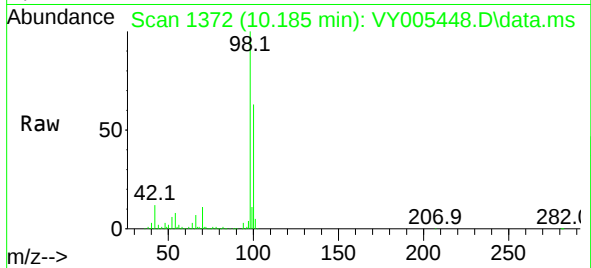




#50
Toluene-d8
Concen: 52.110 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

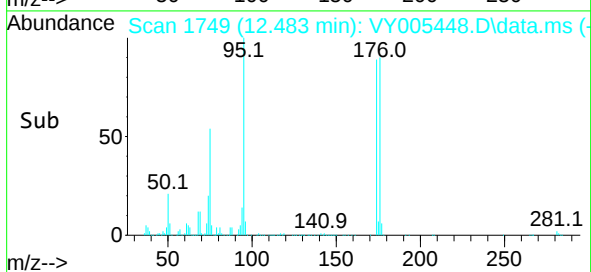
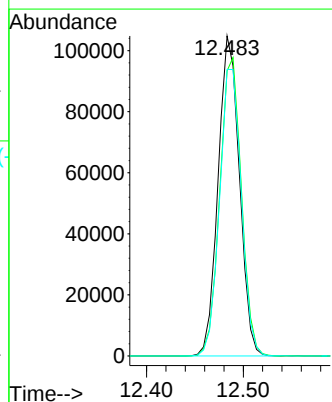
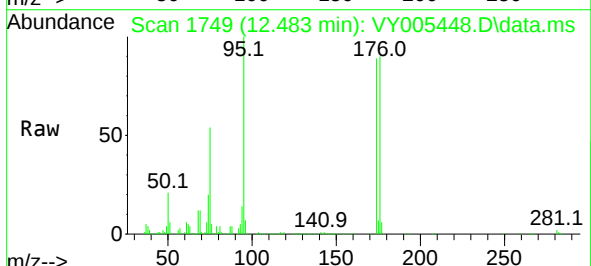
Instrument :
MSVOA_Y
ClientSampled :

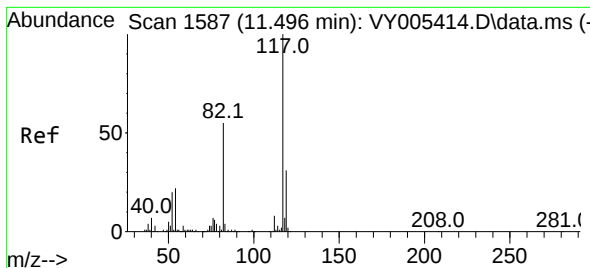
Tgt Ion: 98 Resp: 437718
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 57.661 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Tgt Ion: 95 Resp: 159855
Ion Ratio Lower Upper
95 100
174 94.5 0.0 186.6
176 91.8 0.0 182.4

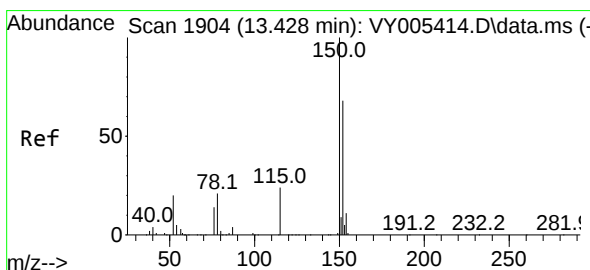
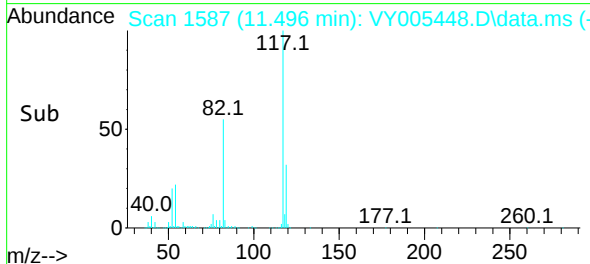
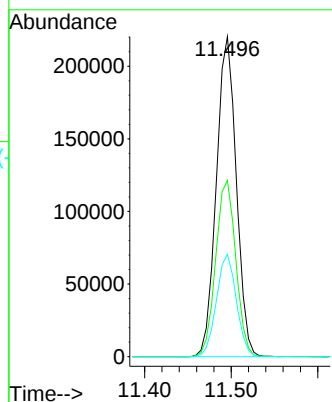
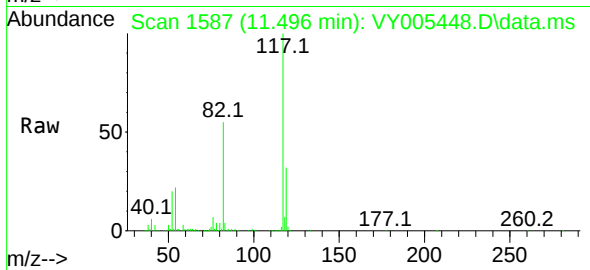




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

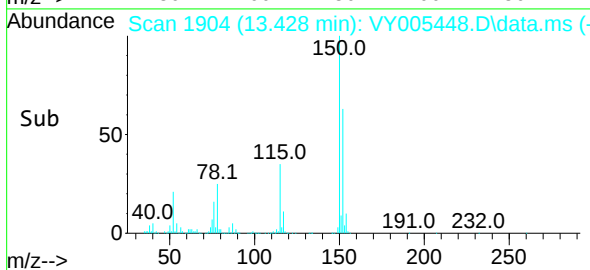
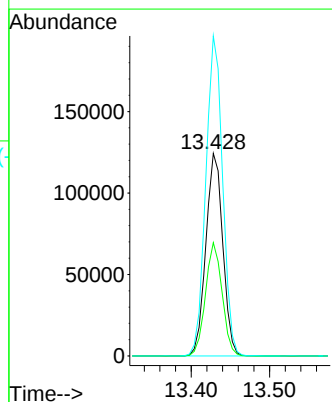
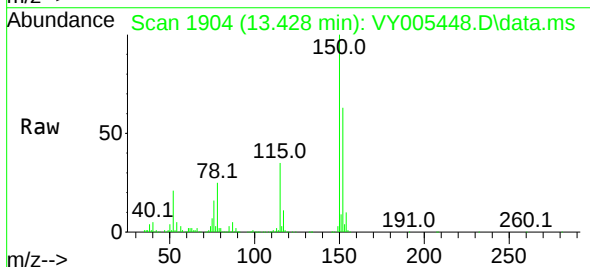
Instrument :
MSVOA_Y
ClientSampleId :

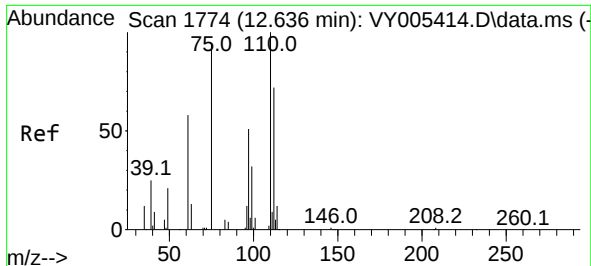
Tgt Ion:117 Resp: 352393
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.6
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Tgt Ion:152 Resp: 186461
Ion Ratio Lower Upper
152 100
115 54.9 27.7 83.1
150 156.8 0.0 349.6

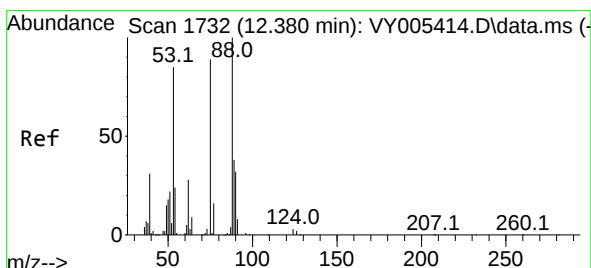
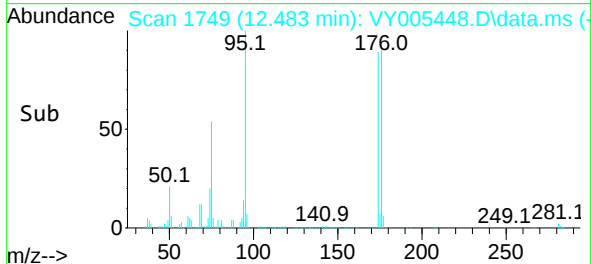
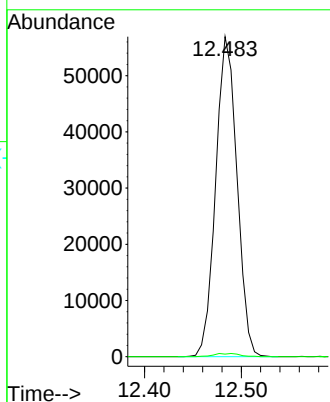
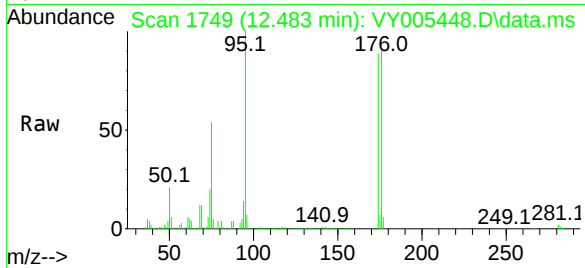




#76
1,2,3-Trichloropropane
Concen: 47.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 86937
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Tgt Ion: 75 Resp: 86937
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 36.9 55.3#

