

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006660.D
 Acq On : 05 Nov 2021 16:43
 Operator : SY/MD
 Sample : M4477-04
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:40:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

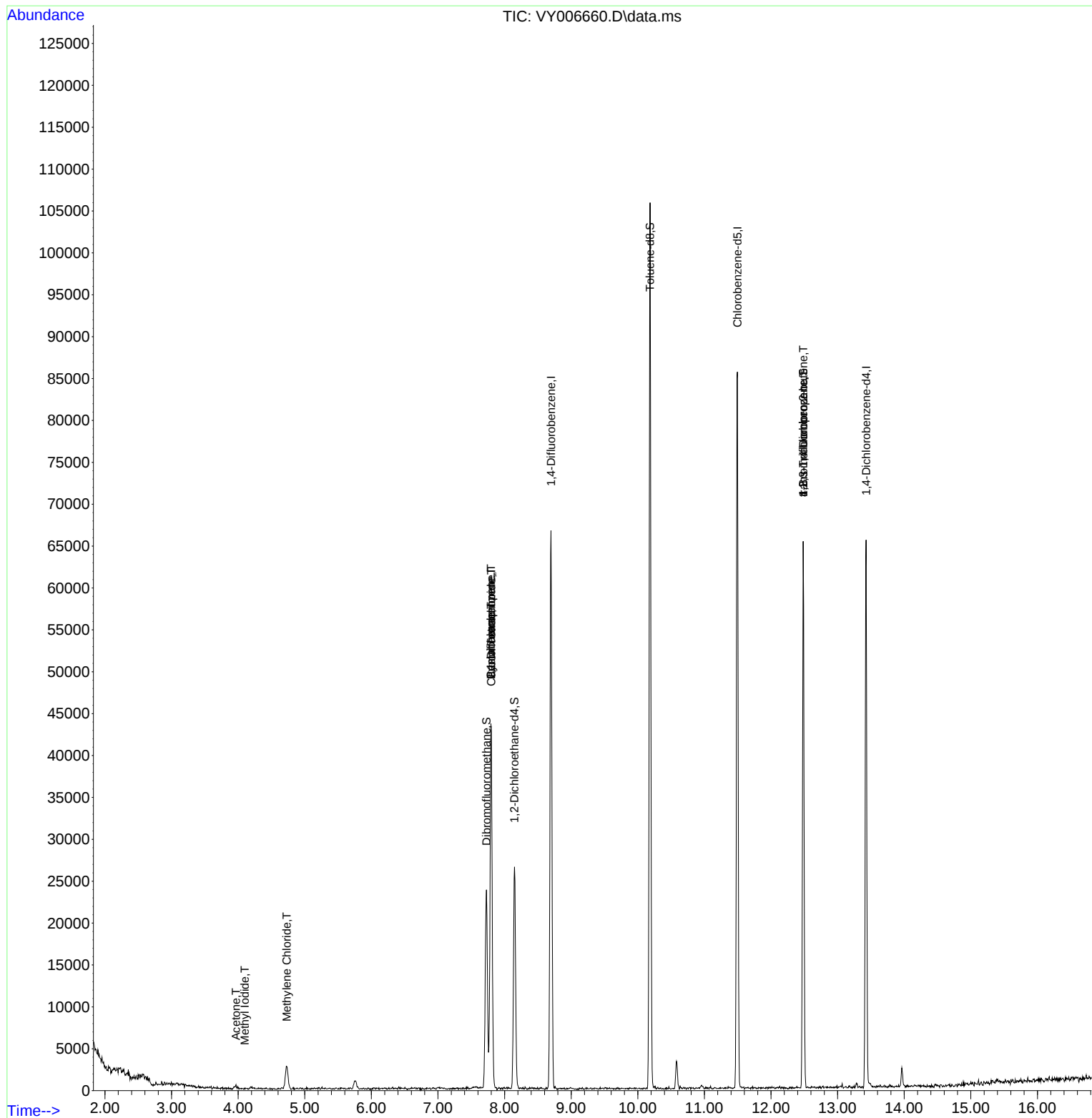
Internal Standards						
1) Pentafluorobenzene	7.795	168	32501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	51516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	43984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21673	54.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.380%	
35) Dibromofluoromethane	7.728	113	15754	54.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.185	98	64863	53.288	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.580%	
62) 4-Bromofluorobenzene	12.483	95	16876	41.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.320%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	49	5.197	ug/l #	36
16) Acetone	3.967	43	712	6.183	ug/l #	46
20) Methylene Chloride	4.729	84	1818	1.150	ug/l #	84
31) Cyclohexane	7.795	56	887	1.370	ug/l #	45
36) 1,1-Dichloropropene	7.795	75	2713	5.330	ug/l #	52
38) Carbon Tetrachloride	7.801	117	3218	5.731	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	9716	58.779	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9716	120.670	ug/l #	7

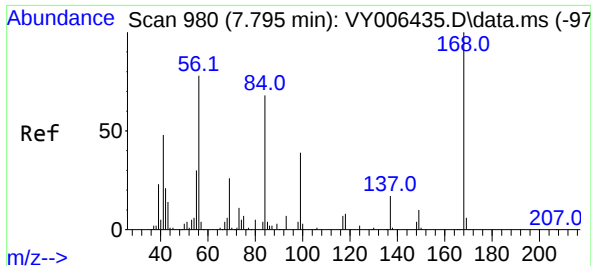
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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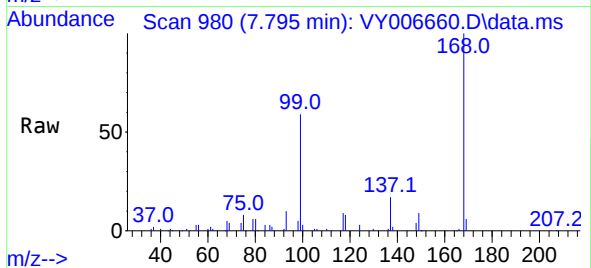
Quant Time: Nov 06 20:40:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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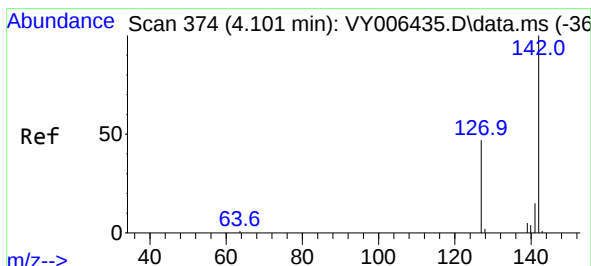
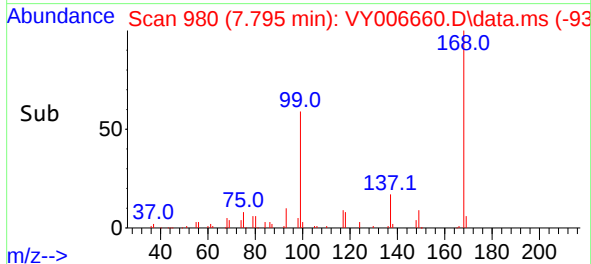
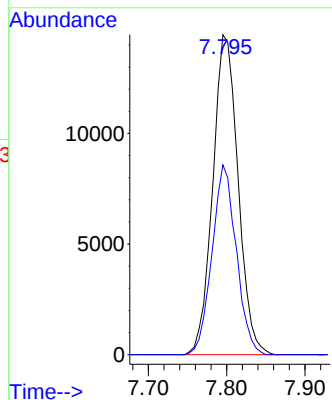


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :

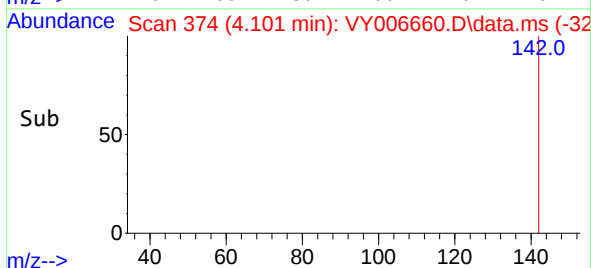
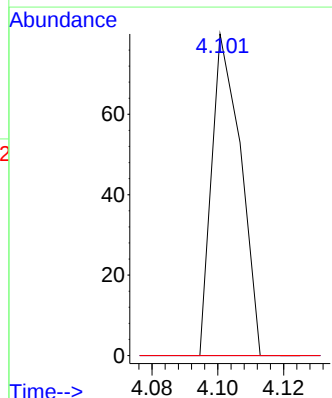
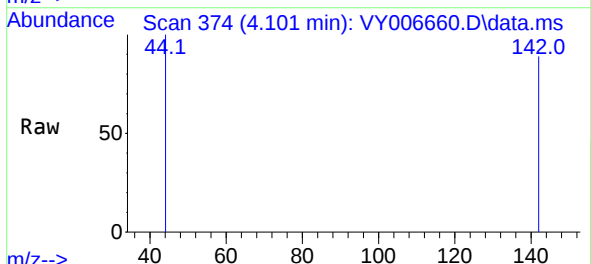


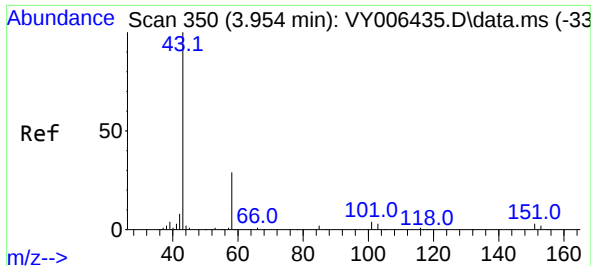
Tgt Ion:168 Resp: 32501
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2



#10
Methyl Iodide
Concen: 5.197 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Tgt Ion:142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

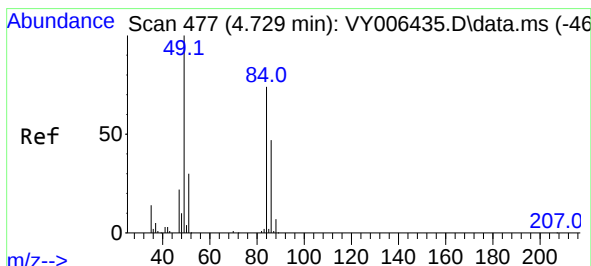
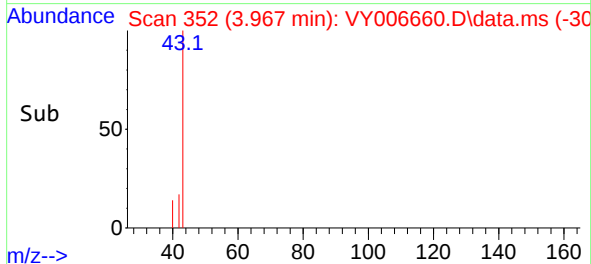
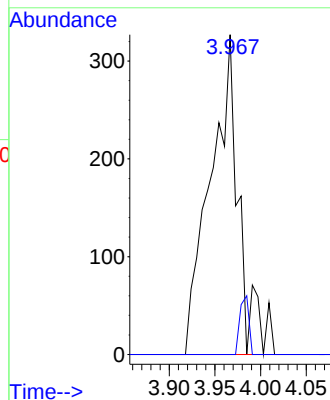
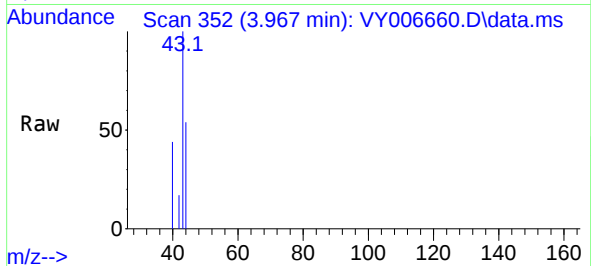




#16
Acetone
Concen: 6.183 ug/l
RT: 3.967 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

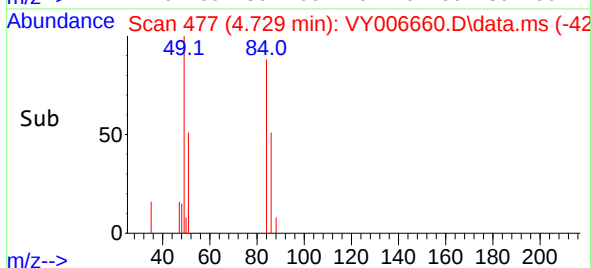
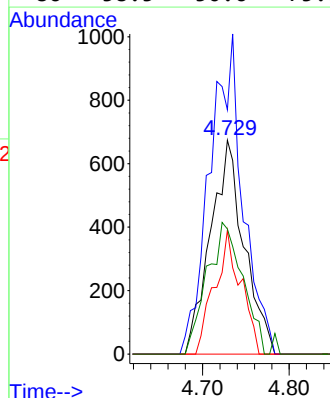
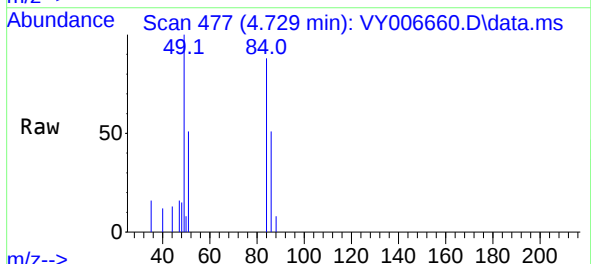
Instrument :
MSVOA_Y
ClientSampleId :

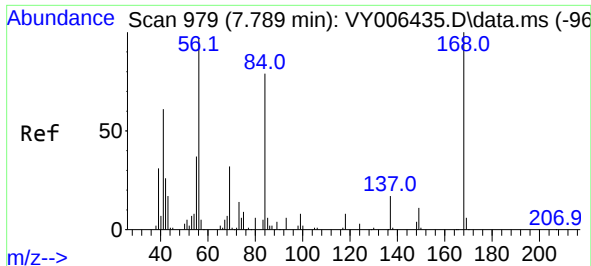
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 1.150 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

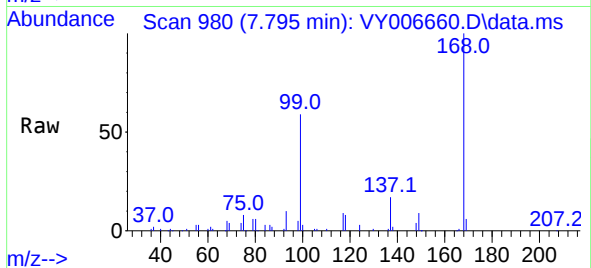
Tgt Ion: 84 Resp: 1818
Ion Ratio Lower Upper
84 100
49 114.2 107.8 161.8
51 57.9 32.8 49.2#
86 58.5 50.6 75.8



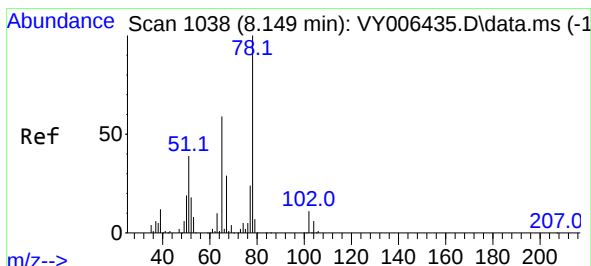
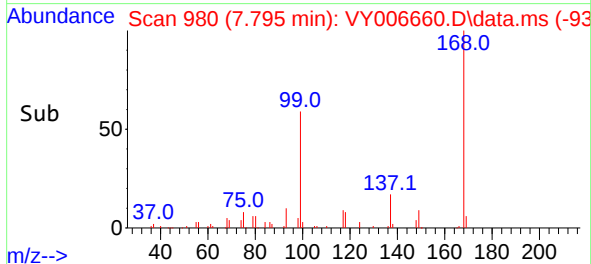
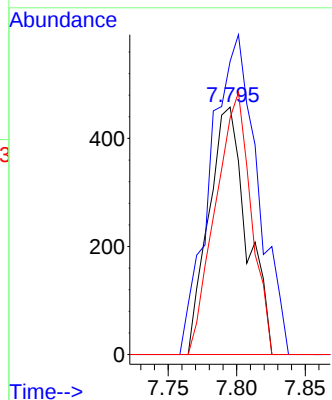


#31
Cyclohexane
Concen: 1.370 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :

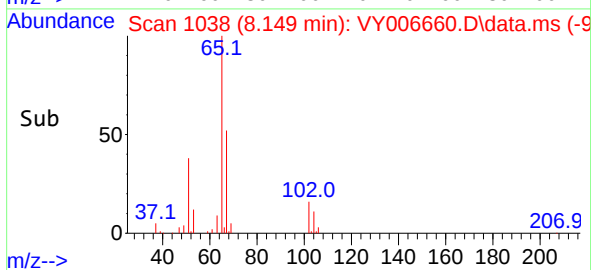
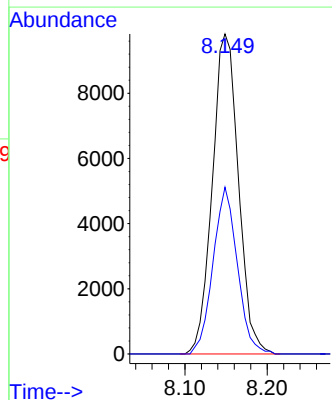
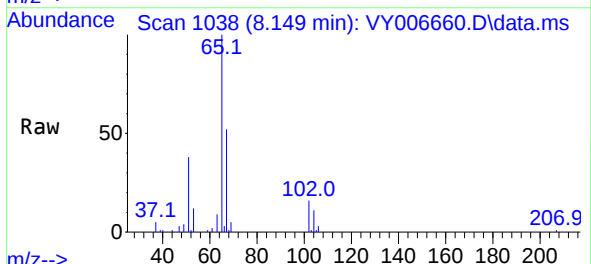


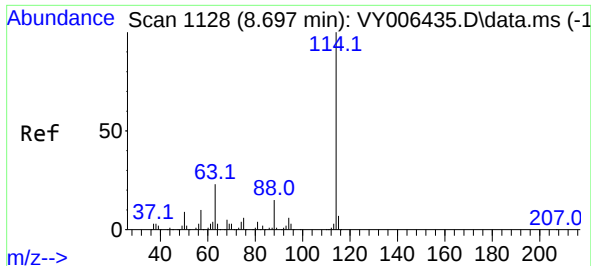
Tgt Ion: 56 Resp: 887
Ion Ratio Lower Upper
56 100
69 118.6 26.6 40.0#
84 95.6 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 54.190 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Tgt Ion: 65 Resp: 21673
Ion Ratio Lower Upper
65 100
67 48.5 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006660.D

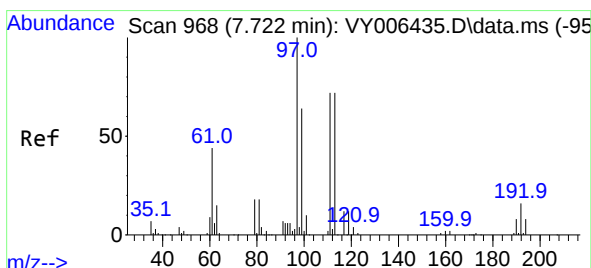
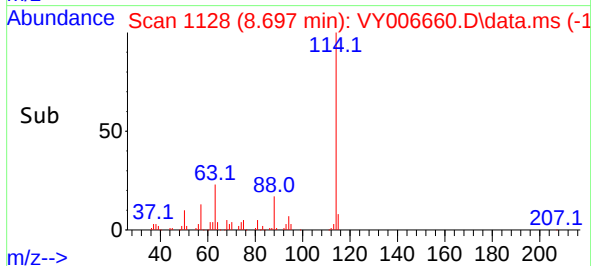
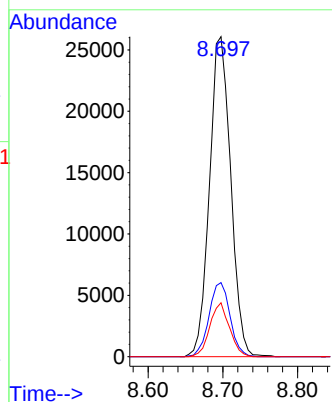
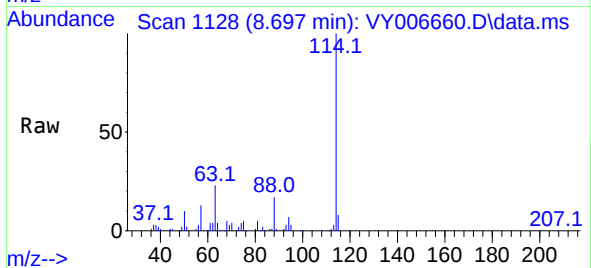
Acq: 05 Nov 2021 16:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	51516
Ion Ratio	Lower	Upper
114	100	
63	23.2	0.0 45.0
88	16.9	0.0 30.6



#35

Dibromofluoromethane

Concen: 54.866 ug/l

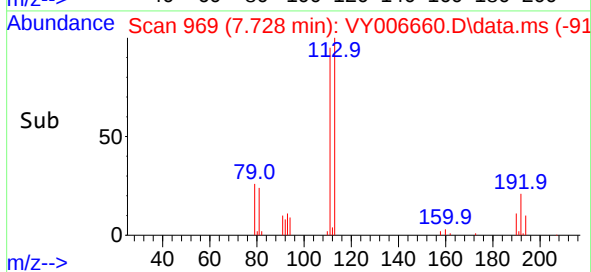
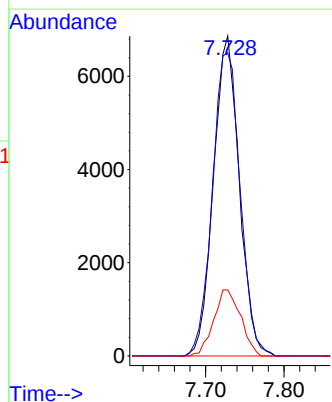
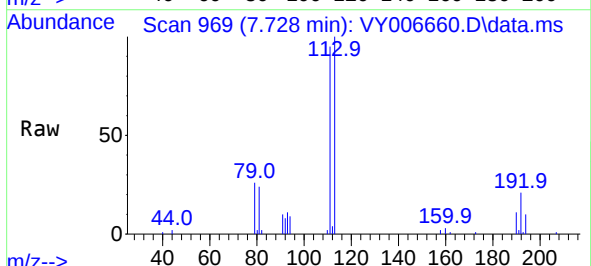
RT: 7.728 min Scan# 969

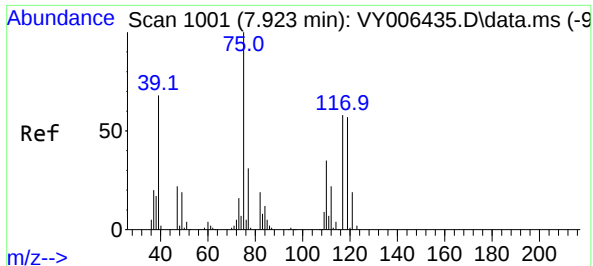
Delta R.T. 0.006 min

Lab File: VY006660.D

Acq: 05 Nov 2021 16:43

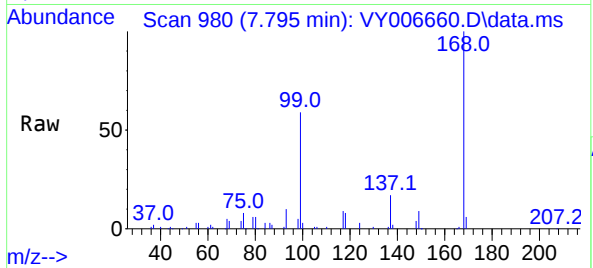
Tgt Ion:113	Resp:	15754
Ion Ratio	Lower	Upper
113	100	
111	101.6	82.3 123.5
192	21.5	17.4 26.2



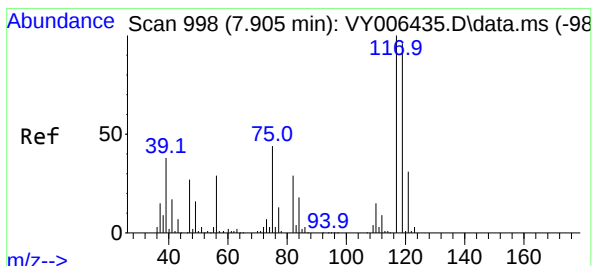
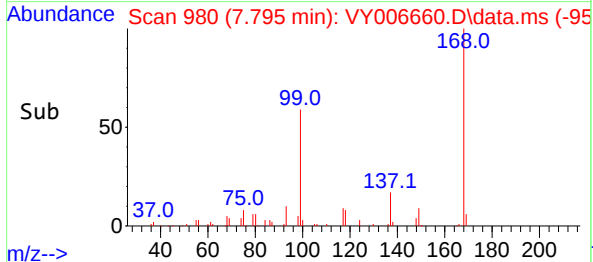
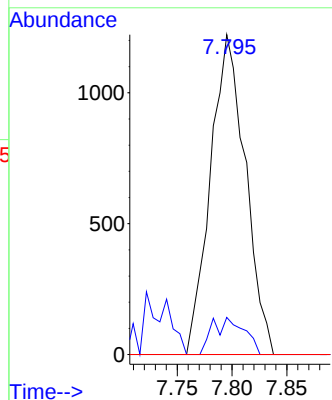


#36
1,1-Dichloropropene
Concen: 5.330 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :

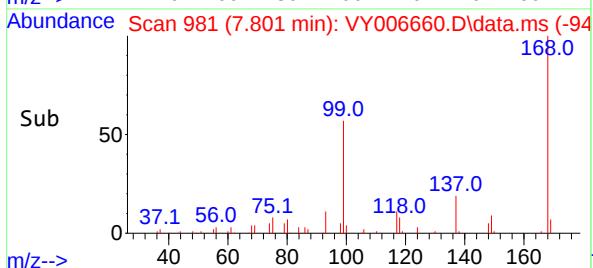
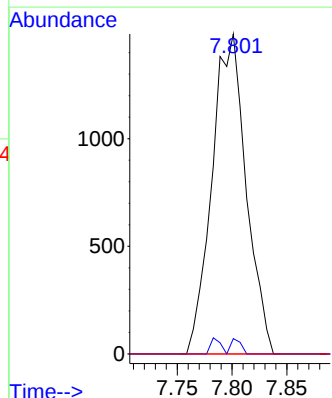
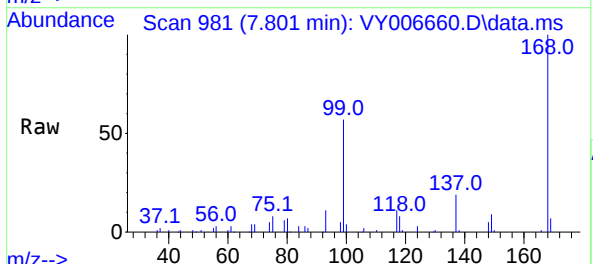


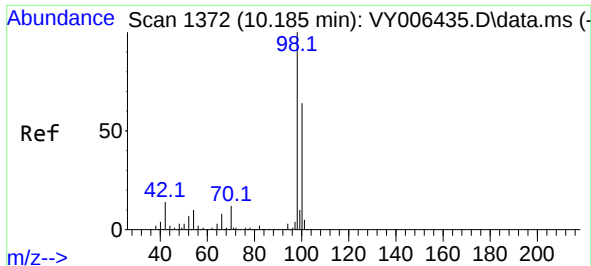
Tgt Ion: 75 Resp: 2713
Ion Ratio Lower Upper
75 100
110 10.5 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Tgt Ion: 117 Resp: 3218
Ion Ratio Lower Upper
117 100
119 4.8 76.6 115.0#
121 0.0 24.7 37.1#

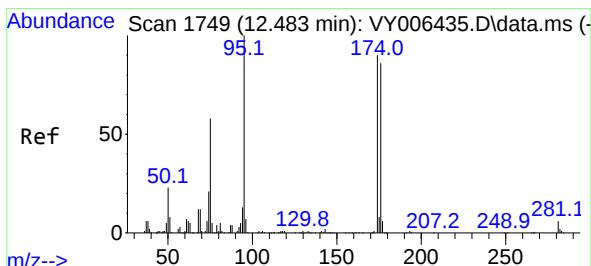
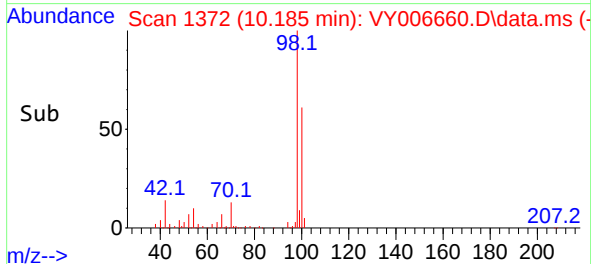
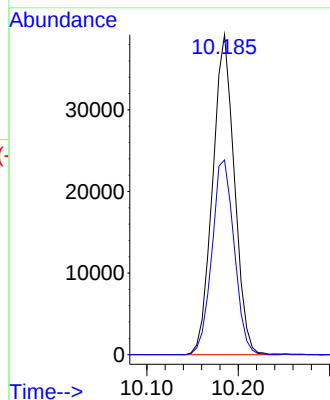
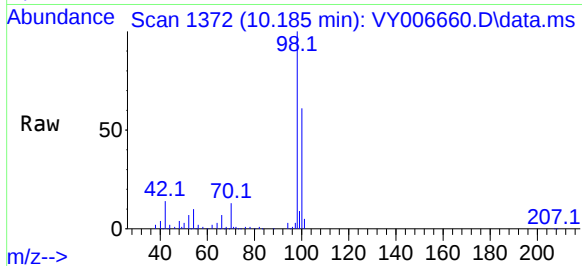




#50
Toluene-d8
Concen: 53.288 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

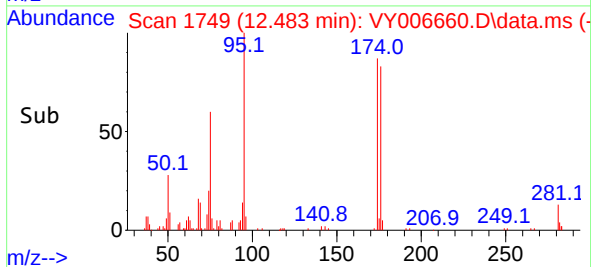
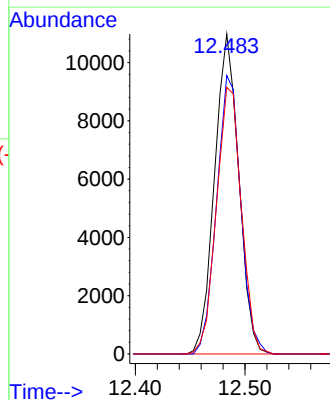
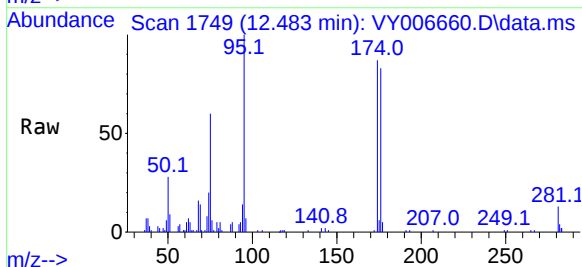
Instrument :
MSVOA_Y
ClientSampleId :

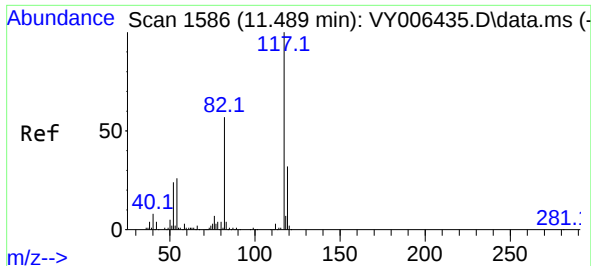
Tgt Ion: 98 Resp: 64863
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 41.158 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

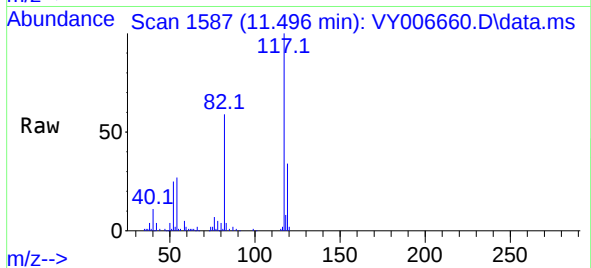
Tgt Ion: 95 Resp: 16876
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 85.7 0.0 169.4



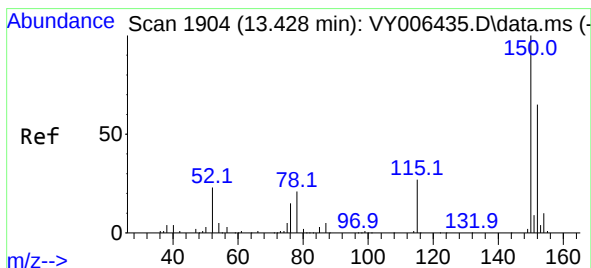
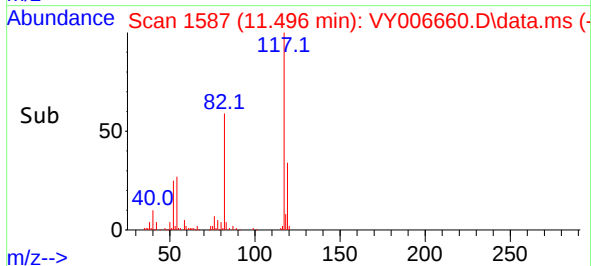
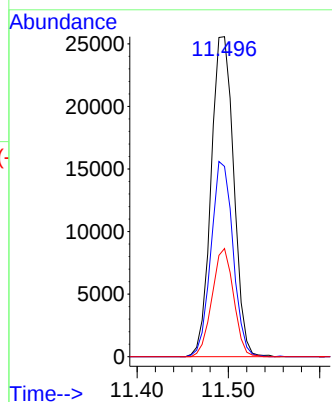


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :

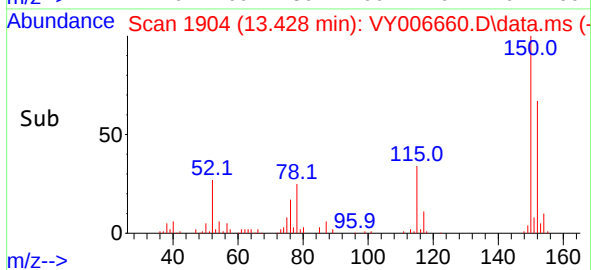
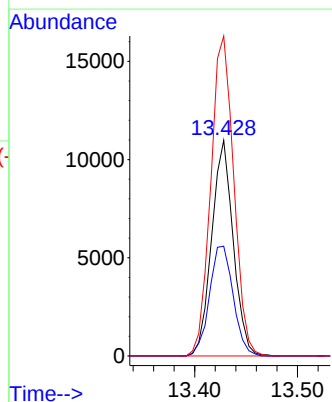
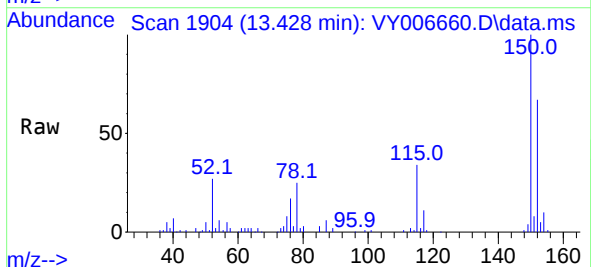


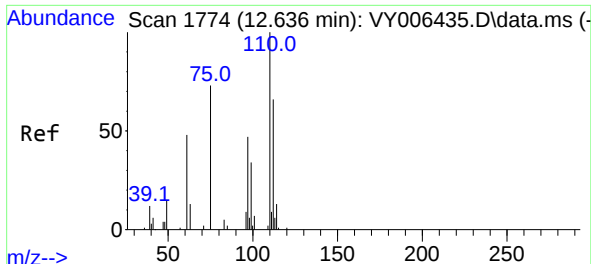
Tgt Ion:	117	Resp:	43984
Ion Ratio	Lower	Upper	
117	100		
82	59.5	45.7	68.5
119	33.8	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Tgt Ion:	152	Resp:	16041
Ion Ratio	Lower	Upper	
152	100		
115	56.1	28.5	85.5
150	157.6	0.0	348.2

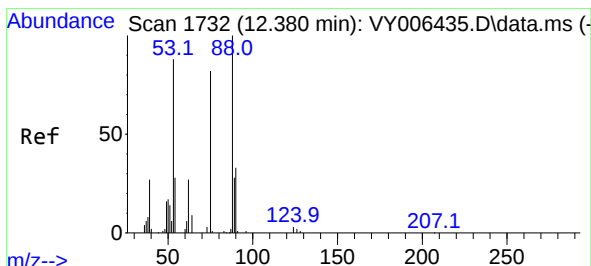
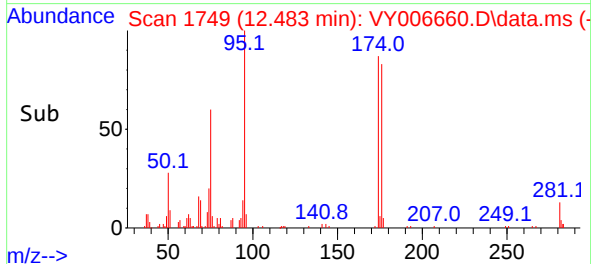
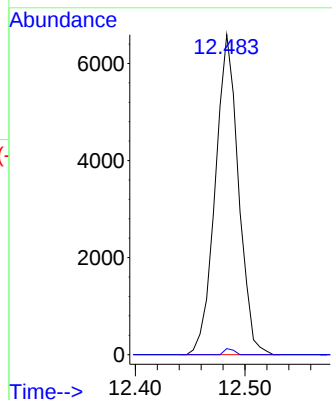
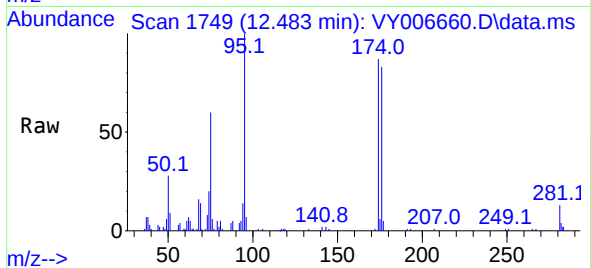




#76
1,2,3-Trichloropropane
Concen: 58.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9716
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.670 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006660.D
Acq: 05 Nov 2021 16:43

Tgt Ion: 75 Resp: 9716
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

