

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006686.D
 Acq On : 08 Nov 2021 17:30
 Operator : SY/MD
 Sample : M4569-01
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 13:06:31 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)

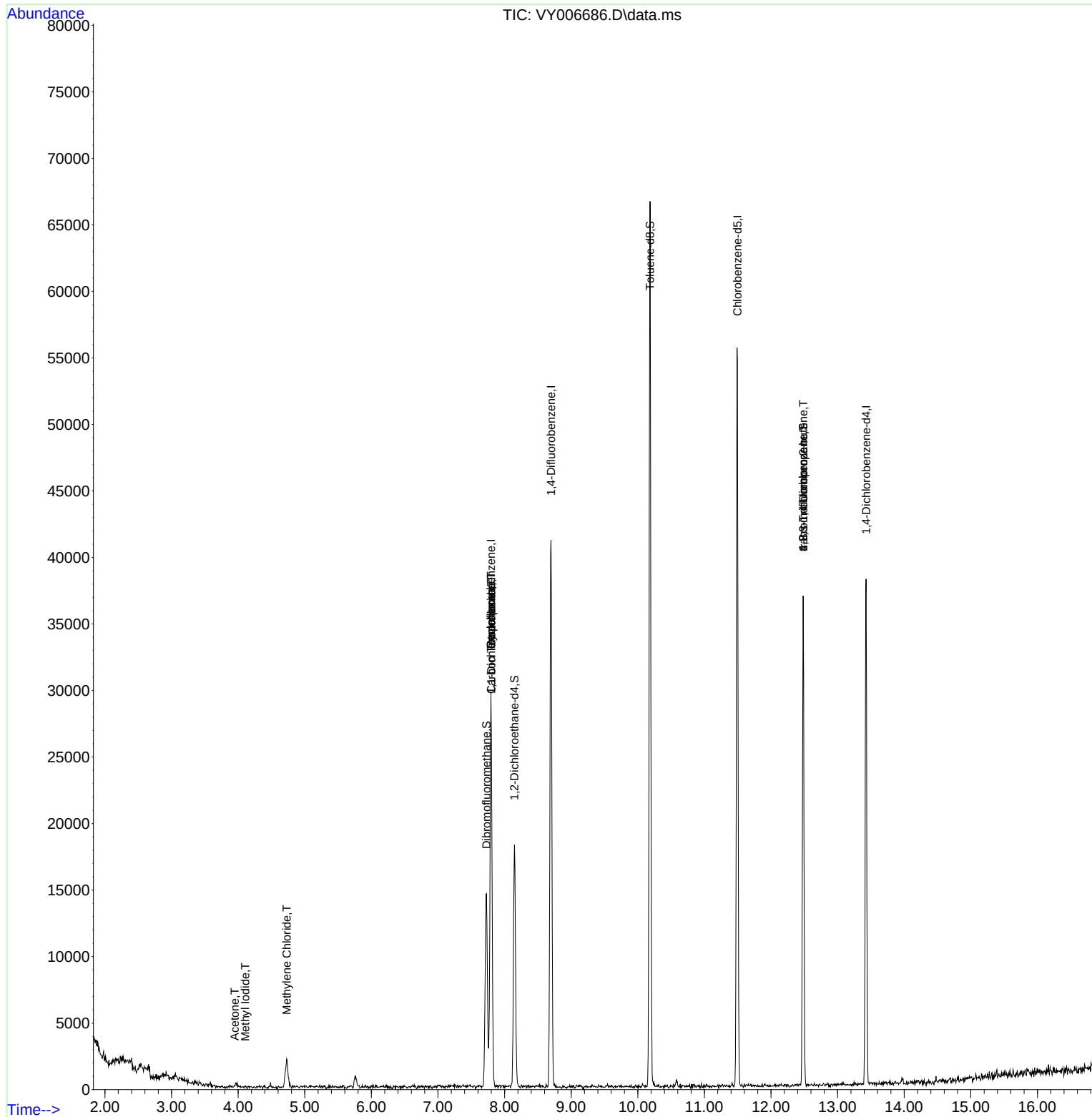
Internal Standards						
1) Pentafluorobenzene	7.795	168	21410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	32873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	28845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14886	56.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.000%
35) Dibromofluoromethane	7.728	113	10016	54.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.340%
50) Toluene-d8	10.185	98	40894	52.650	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.483	95	10043	38.384	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.760%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	18	5.137	ug/l #	36
16) Acetone	3.948	43	234	3.084	ug/l #	46
20) Methylene Chloride	4.728	84	1325	1.738	ug/l	91
31) Cyclohexane	7.795	56	563	1.320	ug/l #	10
36) 1,1-Dichloropropene	7.801	75	1876	5.776	ug/l #	42
38) Carbon Tetrachloride	7.801	117	2188	6.106	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	6089	62.108	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6089	127.505	ug/l #	7

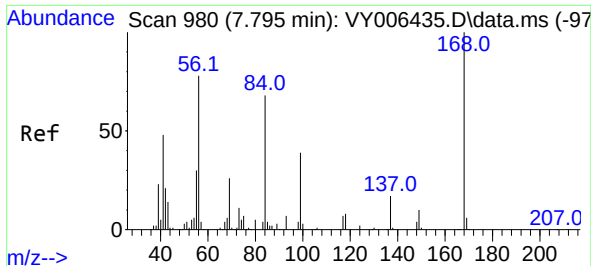
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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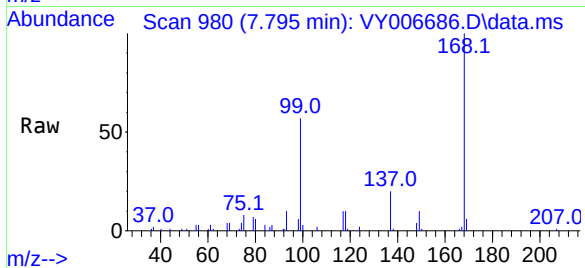
Quant Time: Nov 09 13:06:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
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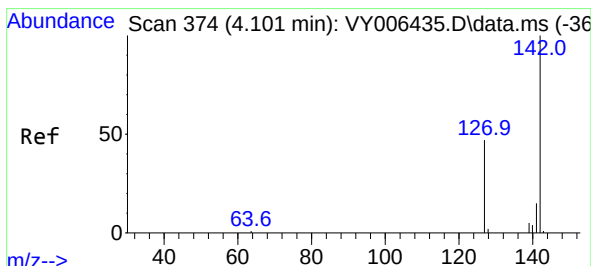
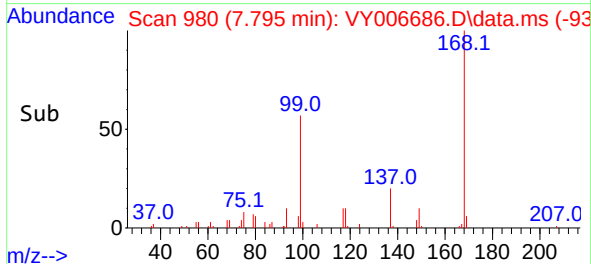
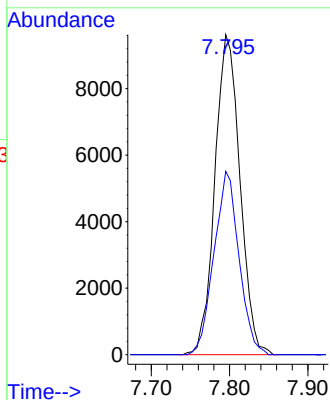


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :

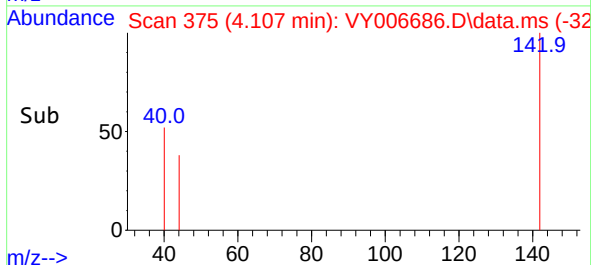
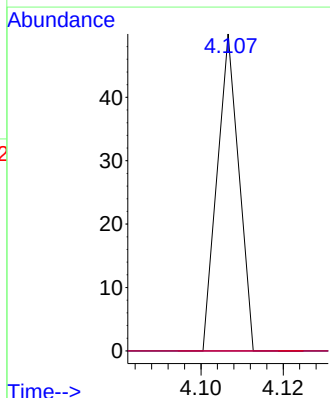
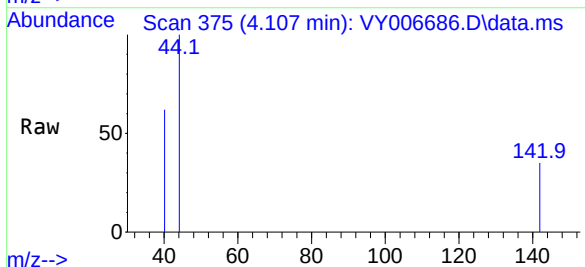


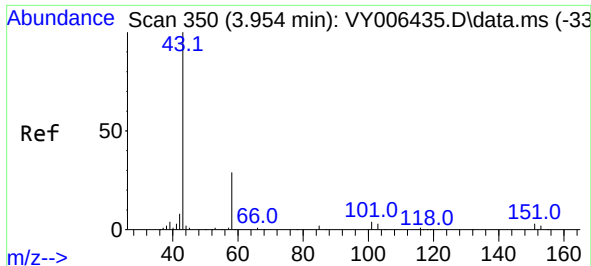
Tgt Ion:168 Resp: 21410
Ion Ratio Lower Upper
168 100
99 57.3 44.8 67.2



#10
Methyl Iodide
Concen: 5.137 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

Tgt Ion:142 Resp: 18
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

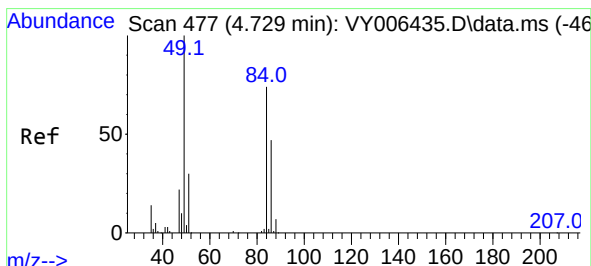
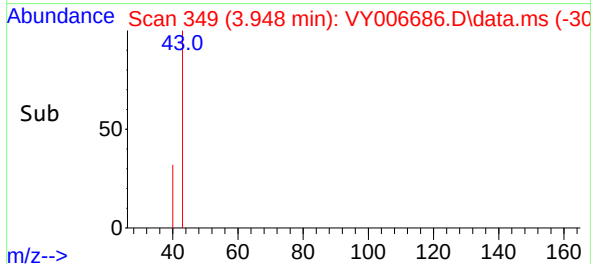
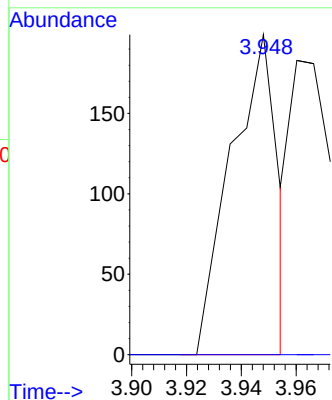
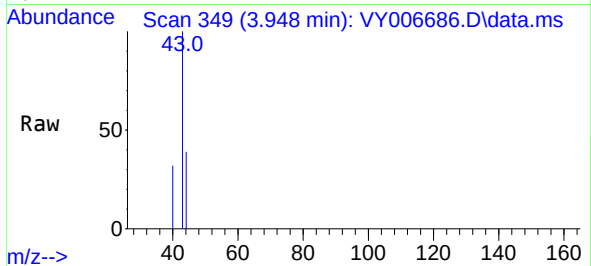




#16
Acetone
Concen: 3.084 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

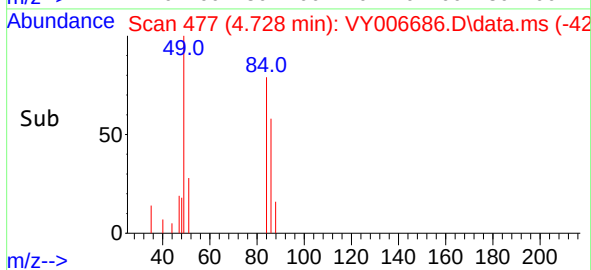
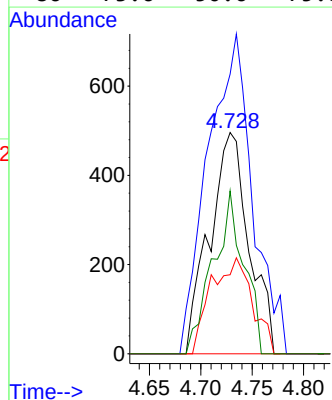
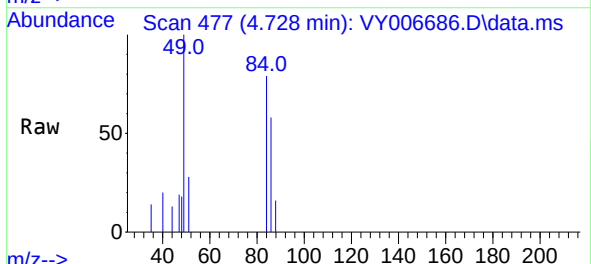
Instrument :
MSVOA_Y
ClientSampleId :

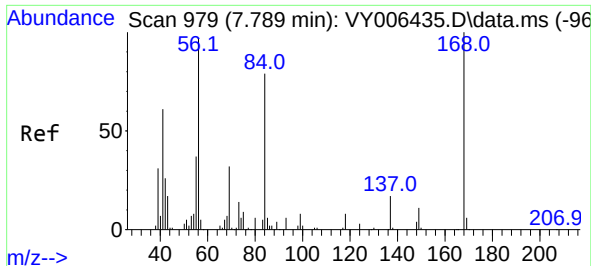
Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 1.738 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

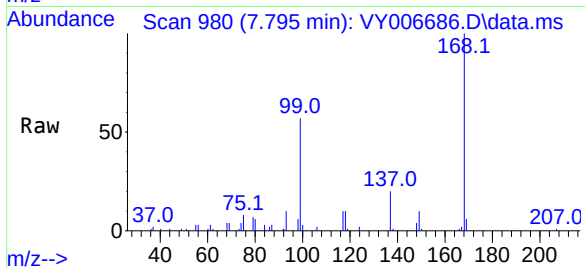
Tgt Ion: 84 Resp: 1325
Ion Ratio Lower Upper
84 100
49 126.4 107.8 161.8
51 35.7 32.8 49.2
86 73.6 50.6 75.8



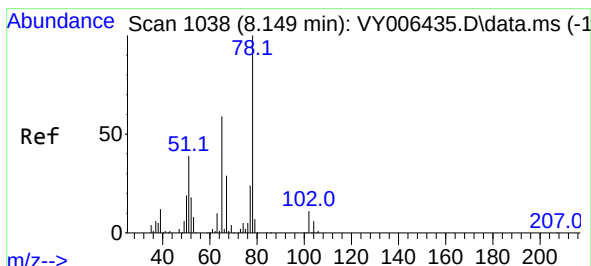
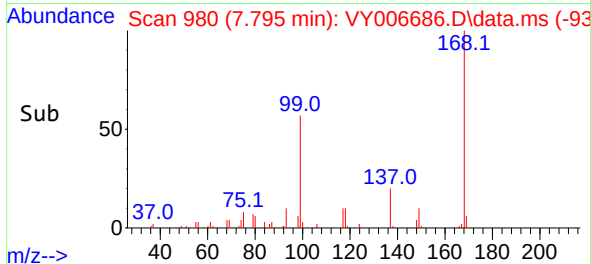
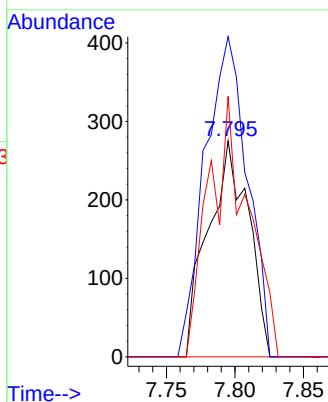


#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :

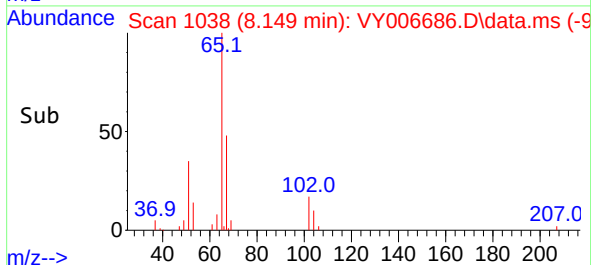
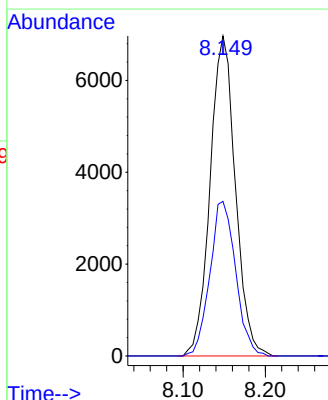
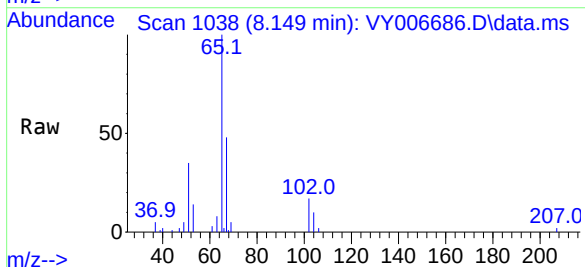


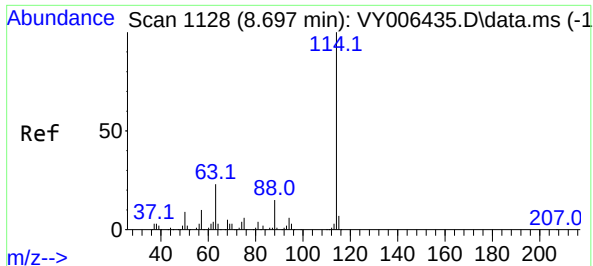
Tgt Ion: 56 Resp: 563
Ion Ratio Lower Upper
56 100
69 148.4 26.6 40.0#
84 120.7 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 56.501 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

Tgt Ion: 65 Resp: 14886
Ion Ratio Lower Upper
65 100
67 49.2 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: VY006686.D

Acq: 08 Nov 2021 17:30

Instrument :

MSVOA_Y

ClientSampleId :

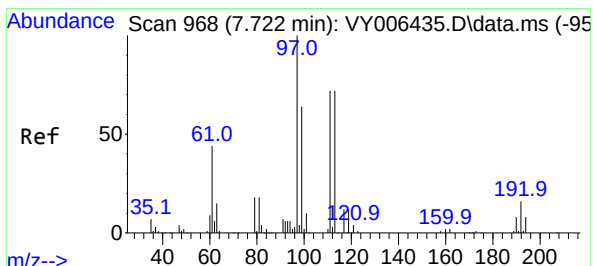
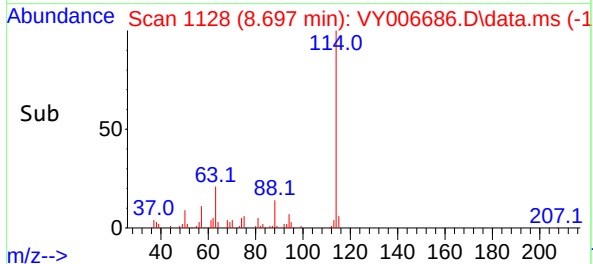
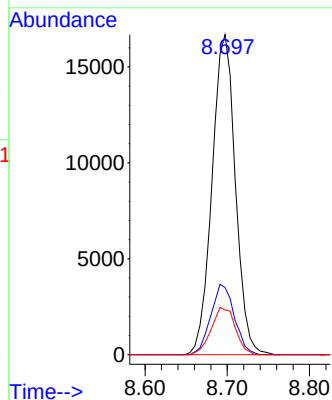
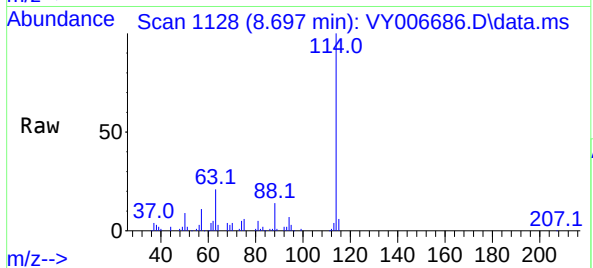
Tgt Ion:114 Resp: 32873

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.665 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006686.D

Acq: 08 Nov 2021 17:30

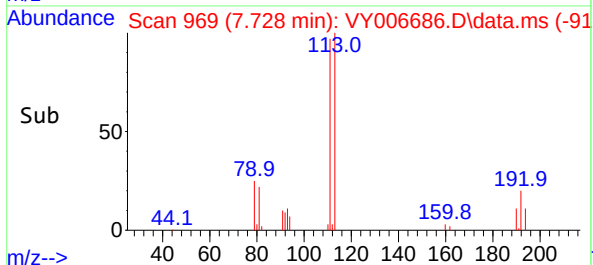
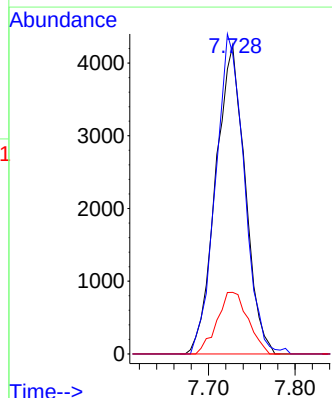
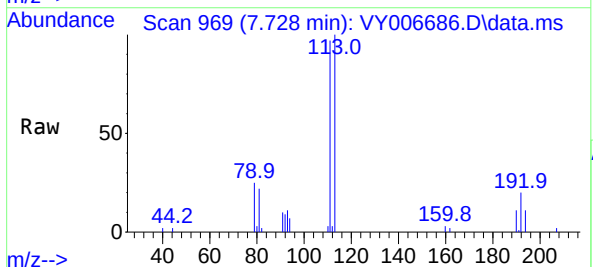
Tgt Ion:113 Resp: 10016

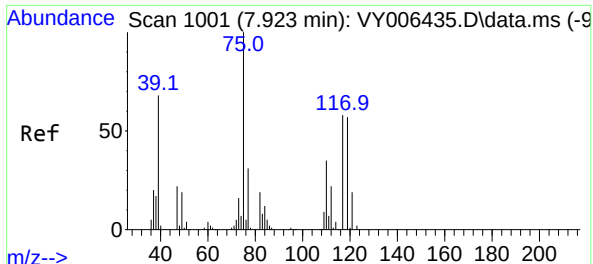
Ion Ratio Lower Upper

113 100

111 101.1 82.3 123.5

192 21.0 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.776 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

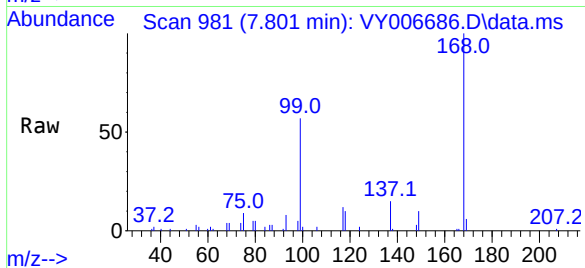
Lab File: VY006686.D

Acq: 08 Nov 2021 17:30

Instrument :

MSVOA_Y

ClientSampleId :



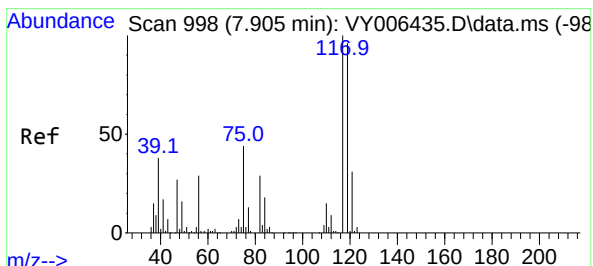
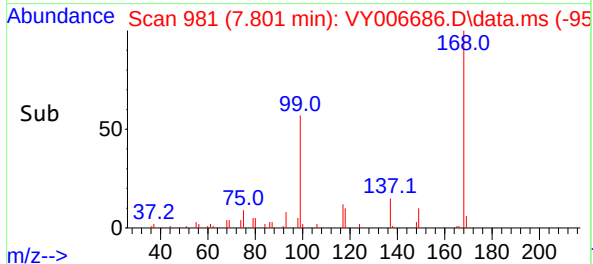
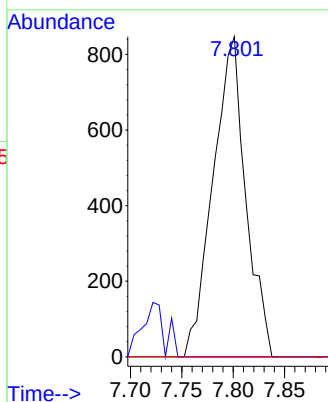
Tgt Ion: 75 Resp: 1876

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.106 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY006686.D

Acq: 08 Nov 2021 17:30

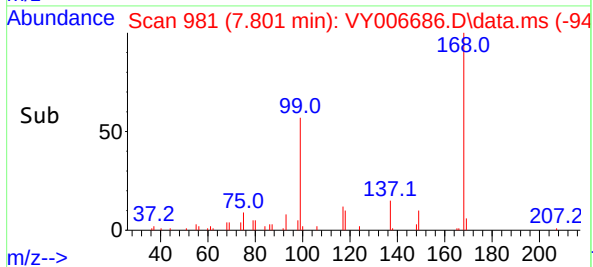
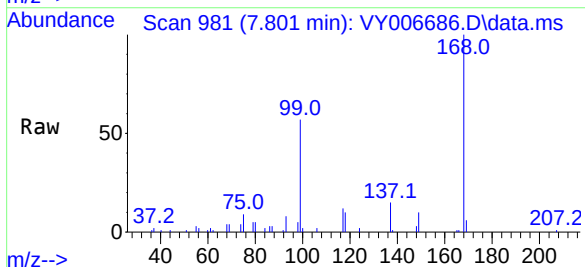
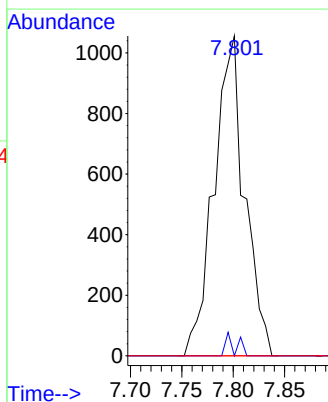
Tgt Ion: 117 Resp: 2188

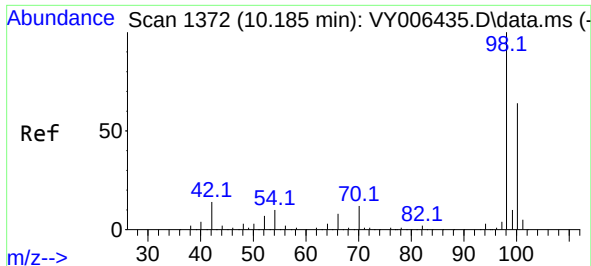
Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

121 0.0 24.7 37.1#

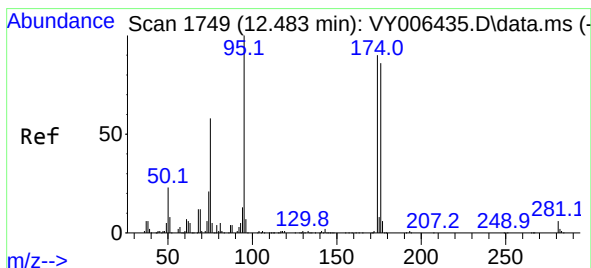
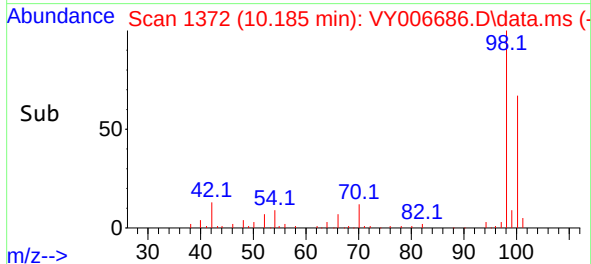
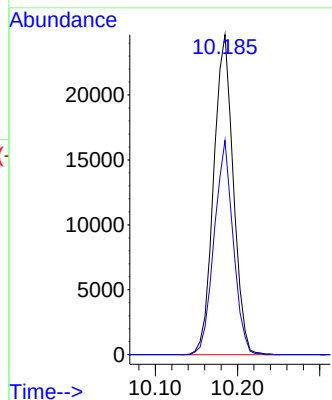
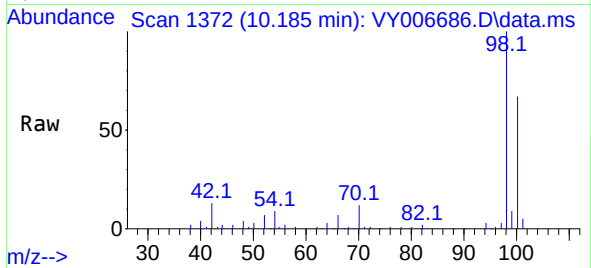




#50
Toluene-d8
Concen: 52.650 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

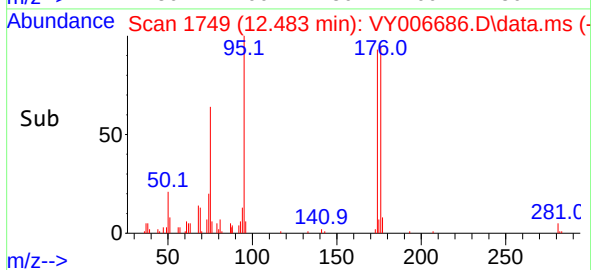
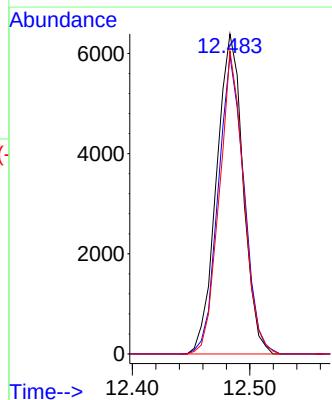
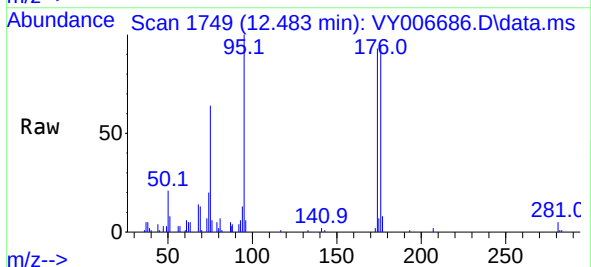
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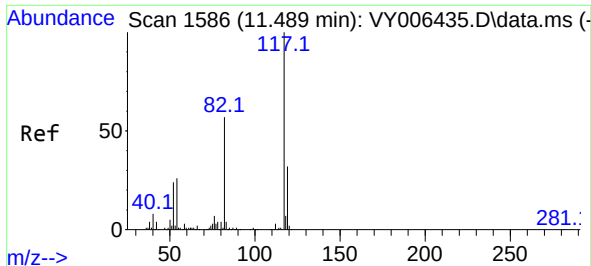
Tgt Ion: 98 Resp: 40894
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 38.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

Tgt Ion: 95 Resp: 10043
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 86.5 0.0 169.4

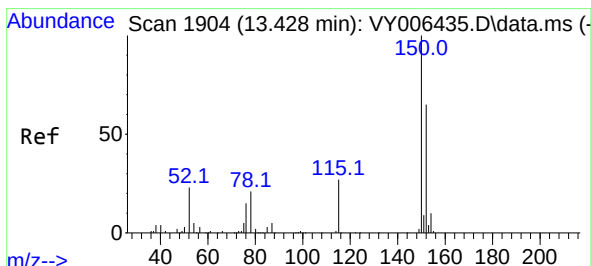
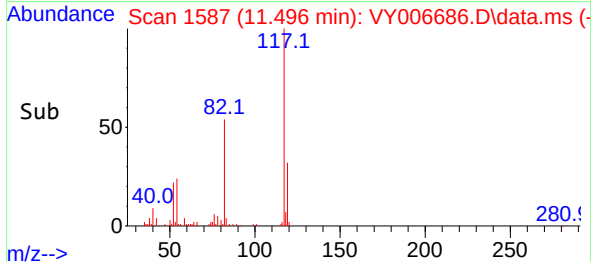
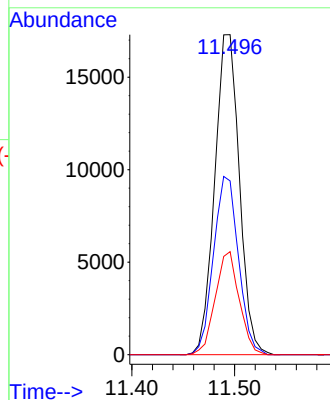
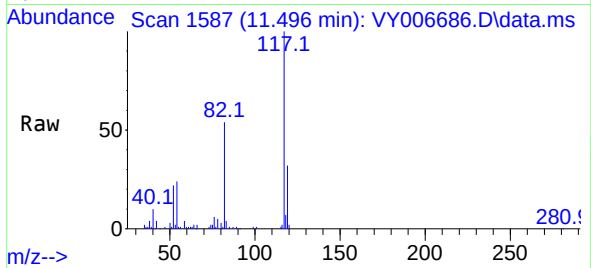




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

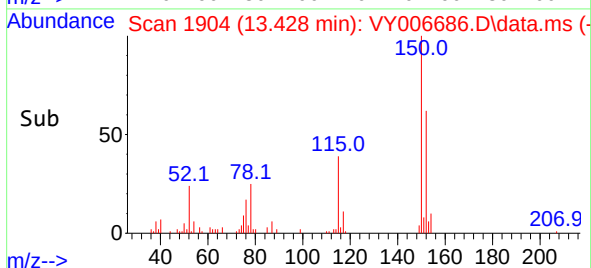
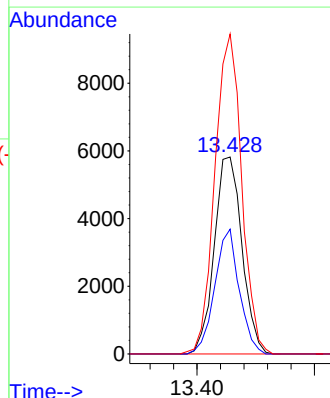
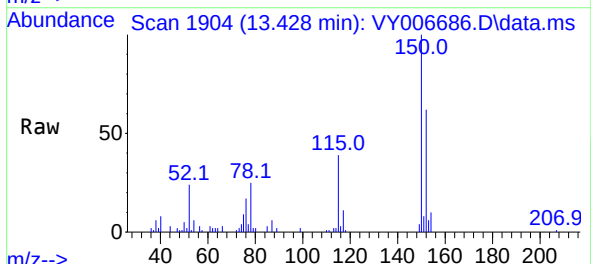
Instrument :
MSVOA_Y
ClientSampleId :

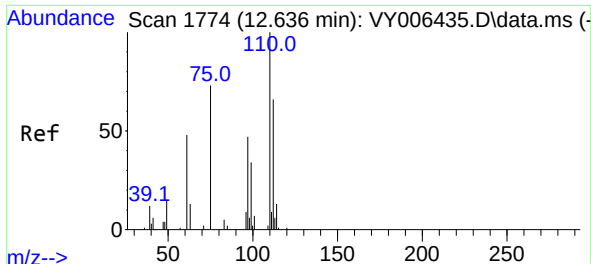
Tgt Ion:117 Resp: 28845
Ion Ratio Lower Upper
117 100
82 54.3 45.7 68.5
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

Tgt Ion:152 Resp: 9514
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.5
150 157.2 0.0 348.2

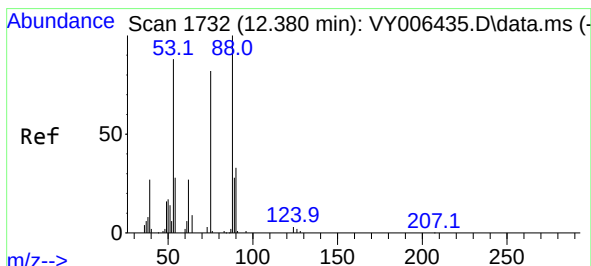
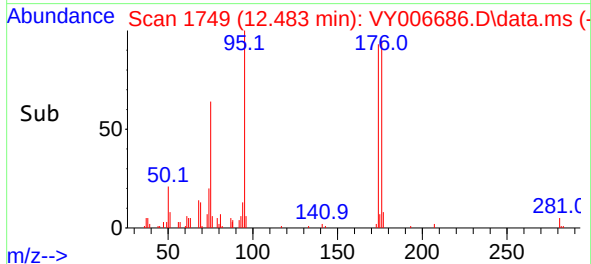
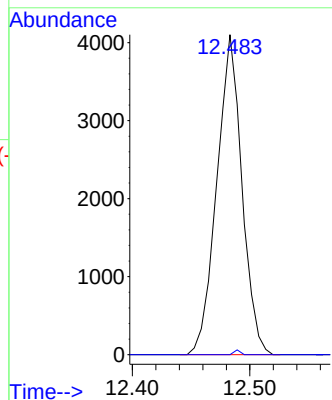
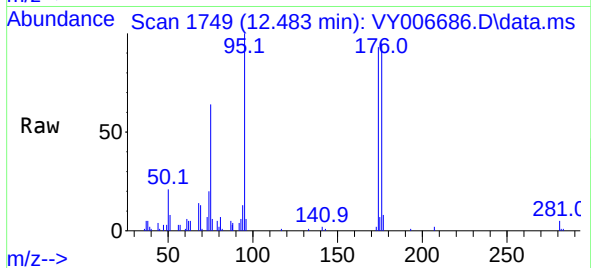




#76
1,2,3-Trichloropropane
Concen: 62.108 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 6089
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.505 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

Tgt Ion: 75 Resp: 6089
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

