

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006655.D
 Acq On : 05 Nov 2021 14:45
 Operator : SY/MD
 Sample : M4501-01
 Misc : 3.72G/10ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:38:53 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)

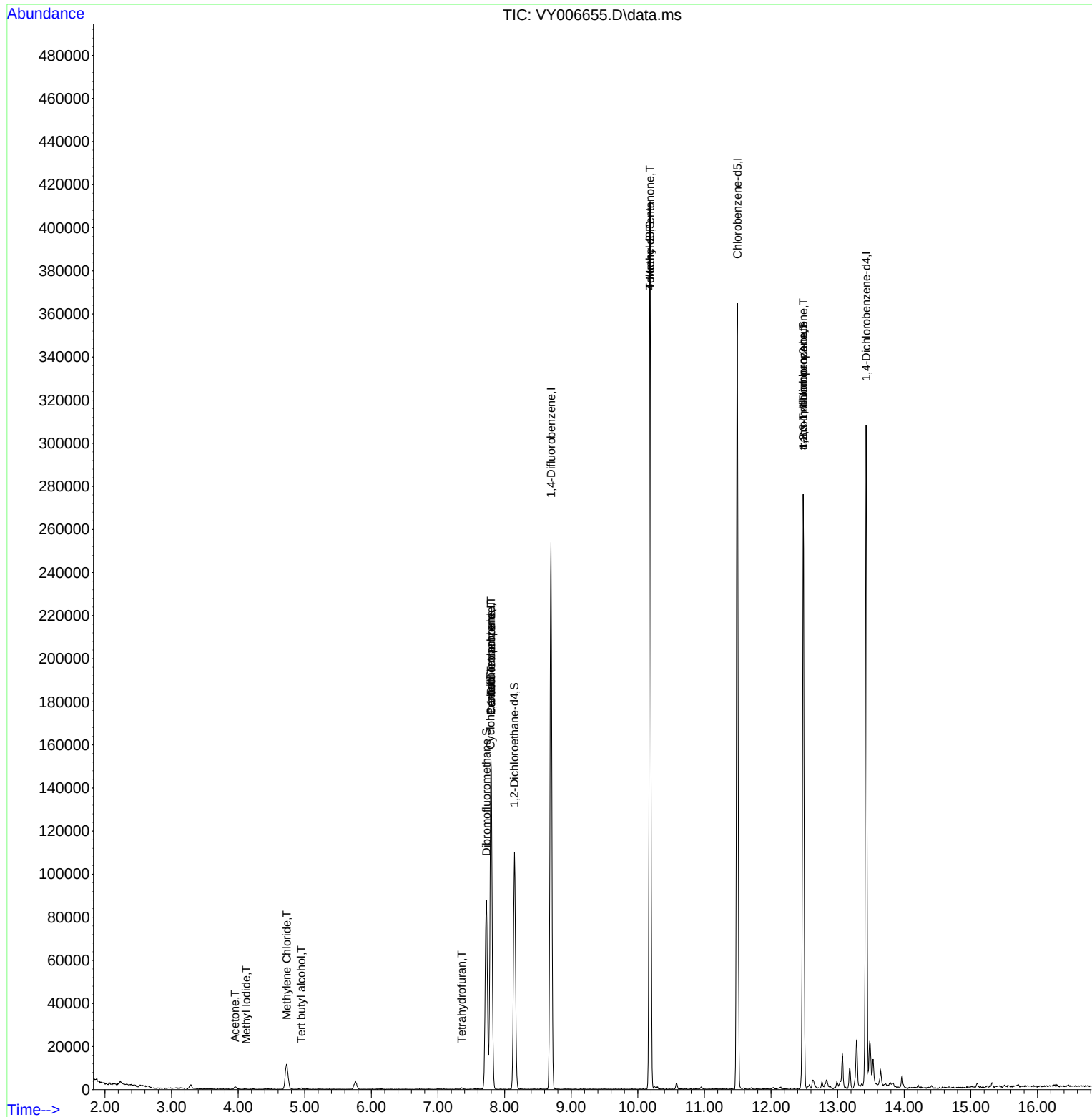
Internal Standards						
1) Pentafluorobenzene	7.795	168	114891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	196037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	180293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86489	61.174	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.340%			
35) Dibromofluoromethane	7.728	113	59724	54.660	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.320%			
50) Toluene-d8	10.185	98	249395	53.843	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.680%			
62) 4-Bromofluorobenzene	12.483	95	75419	48.336	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.680%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.119	142	200	5.219	ug/l #	36
11) Tert butyl alcohol	4.948	59	798	6.213	ug/l #	72
16) Acetone	3.954	43	1933	4.748	ug/l	92
20) Methylene Chloride	4.729	84	7594	2.154	ug/l	92
29) Tetrahydrofuran	7.356	42	489	1.494	ug/l #	60
31) Cyclohexane	7.789	56	3085	1.348	ug/l #	25
36) 1,1-Dichloropropene	7.795	75	9562	4.937	ug/l #	49
38) Carbon Tetrachloride	7.795	117	11392	5.331	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1311	1.052	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	44655	59.371	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44655	121.887	ug/l #	7

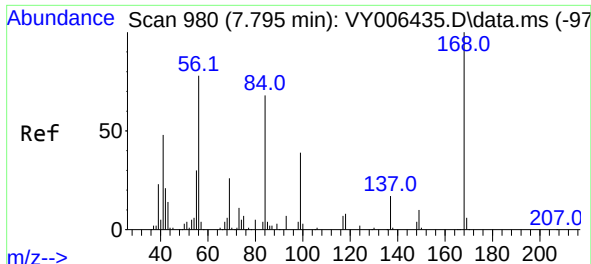
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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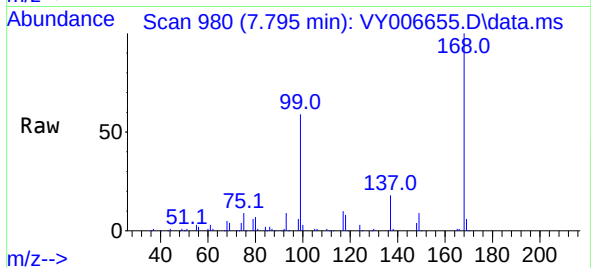
Quant Time: Nov 06 20:38:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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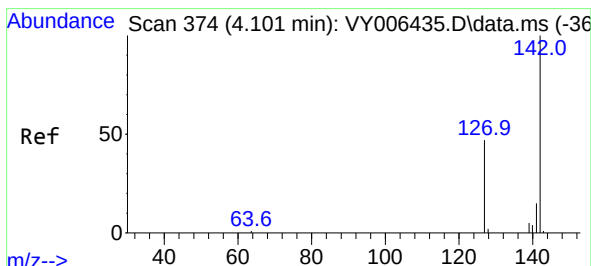
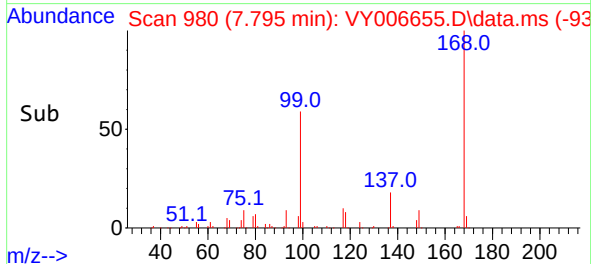
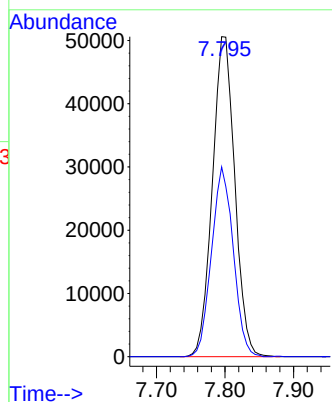


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

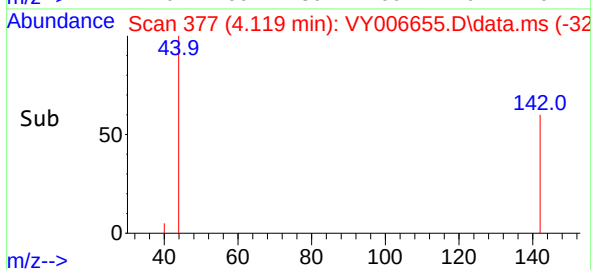
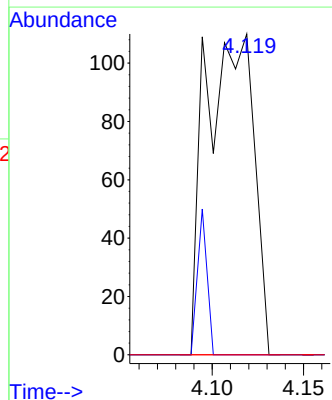
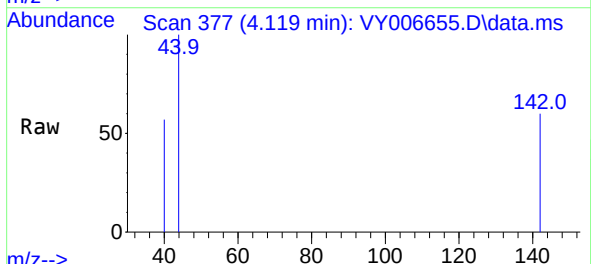


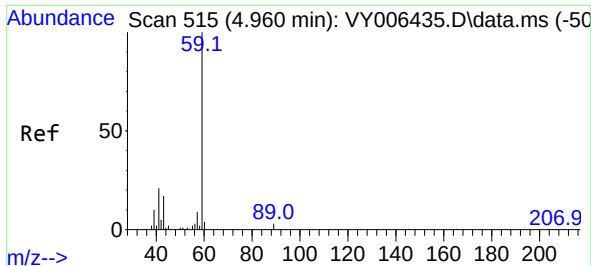
Tgt Ion:168 Resp: 114891
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2



#10
Methyl Iodide
Concen: 5.219 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

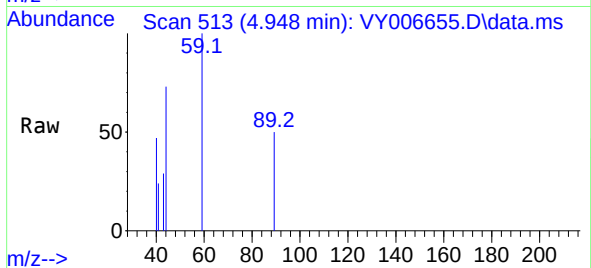
Tgt Ion:142 Resp: 200
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



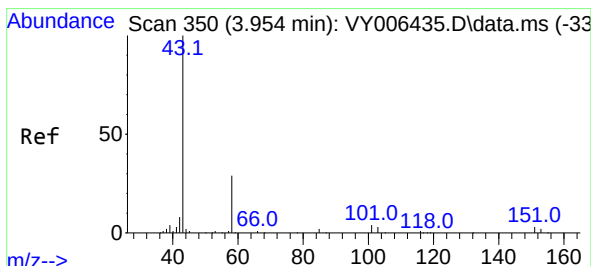
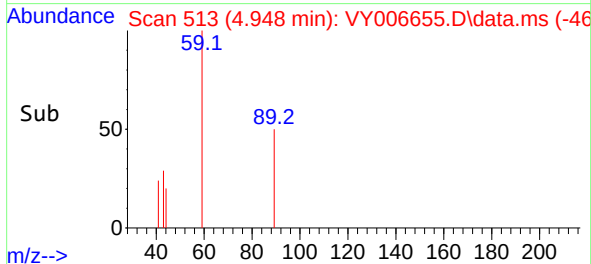
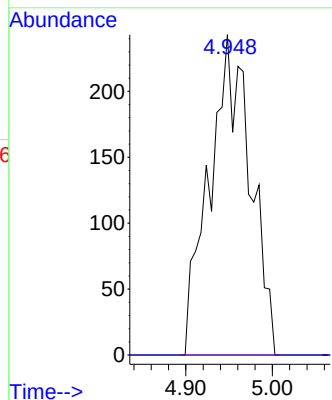


#11
Tert butyl alcohol
Concen: 6.213 ug/l
RT: 4.948 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

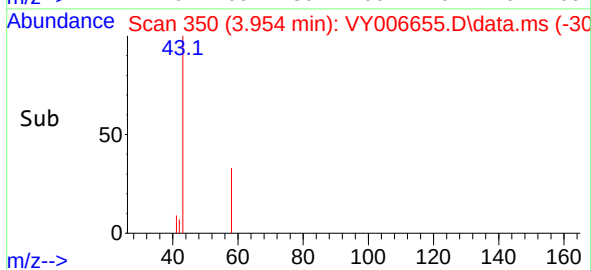
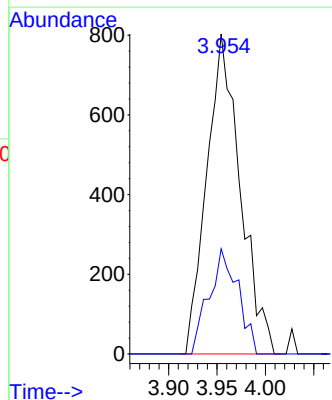
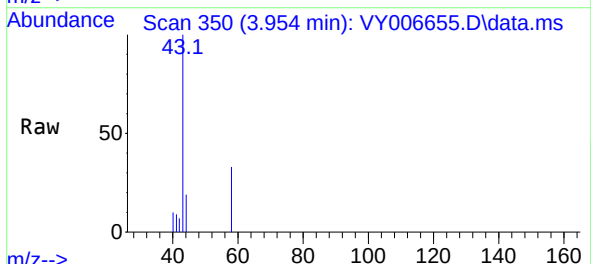


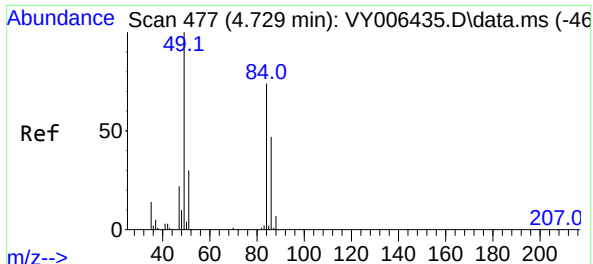
Tgt Ion: 59 Resp: 798
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 4.748 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

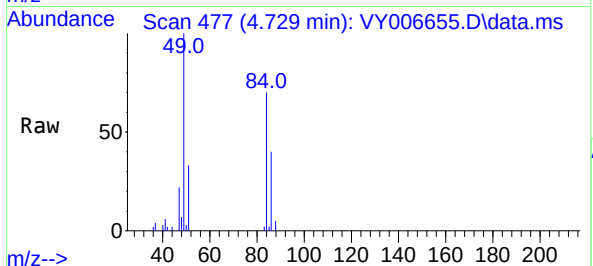
Tgt Ion: 43 Resp: 1933
Ion Ratio Lower Upper
43 100
58 32.9 22.9 34.3





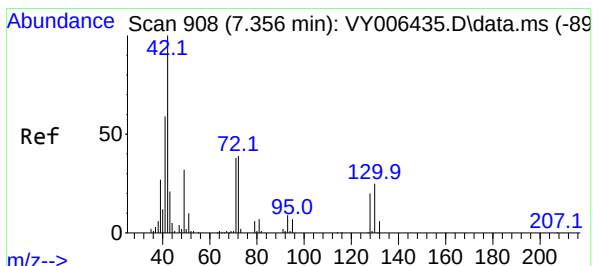
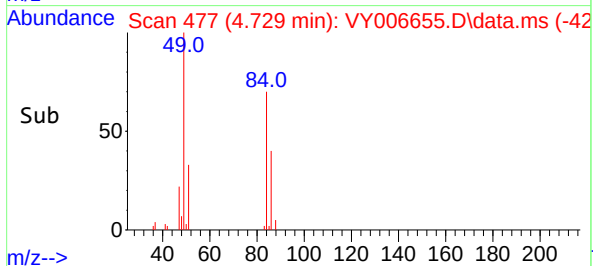
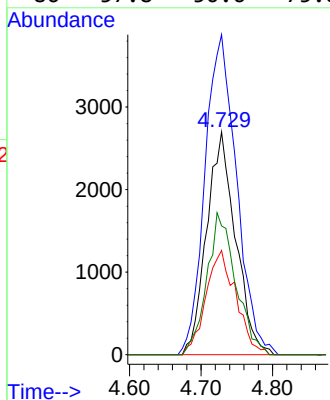
#20
Methylene Chloride
Concen: 2.154 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7594

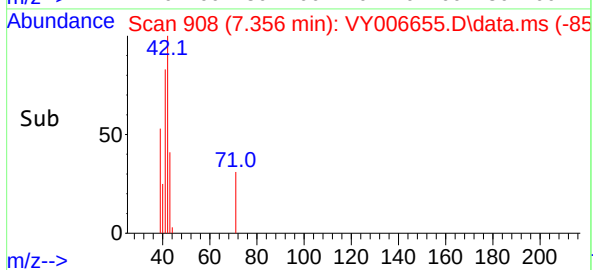
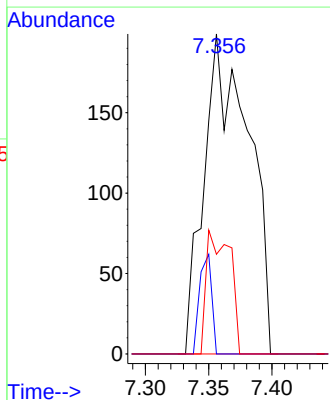
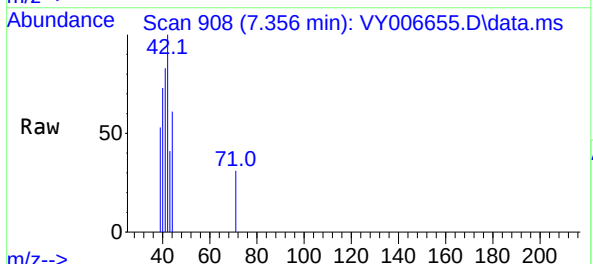
Ion	Ratio	Lower	Upper
84	100		
49	143.6	107.8	161.8
51	46.8	32.8	49.2
86	57.8	50.6	75.8

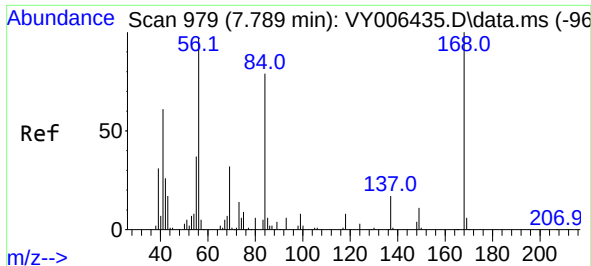


#29
Tetrahydrofuran
Concen: 1.494 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

Tgt Ion: 42 Resp: 489

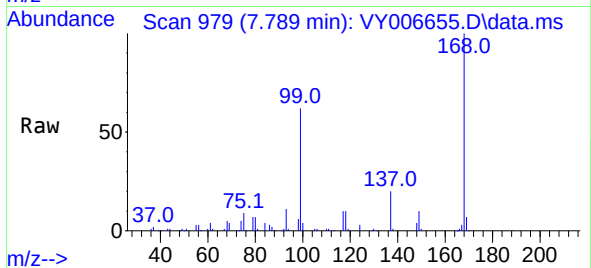
Ion	Ratio	Lower	Upper
42	100		
72	8.4	32.0	48.0#
71	20.4	30.3	45.5#



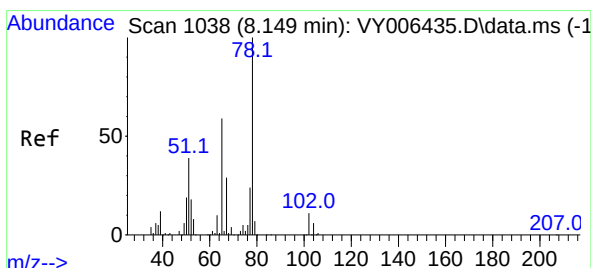
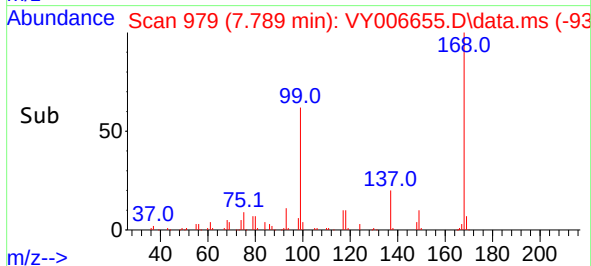
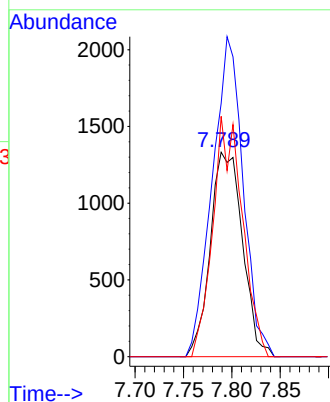


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

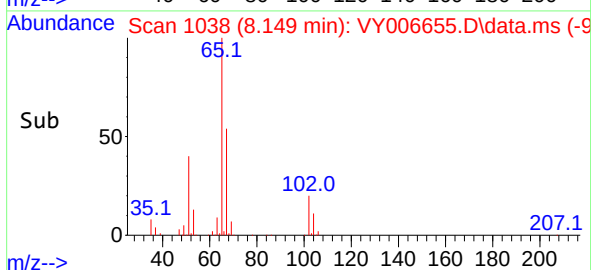
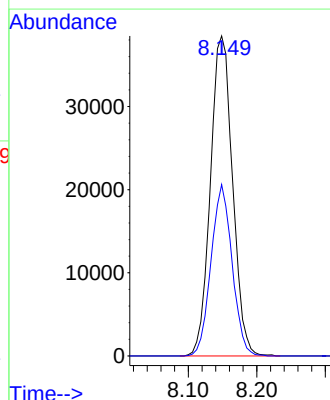
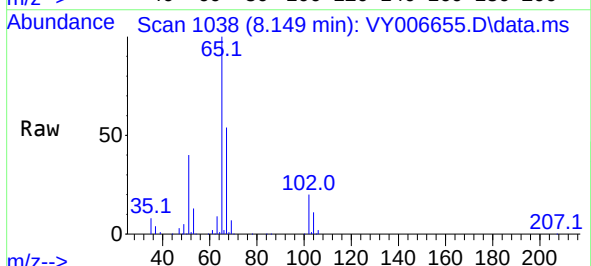


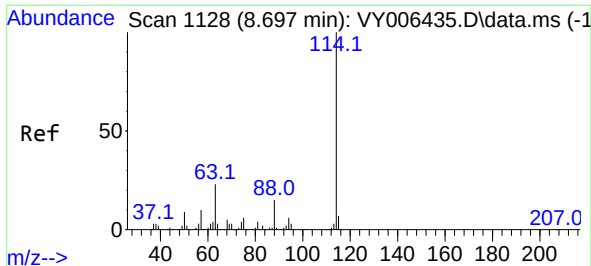
Tgt Ion: 56 Resp: 3085
Ion Ratio Lower Upper
56 100
69 123.9 26.6 40.0#
84 117.6 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 61.174 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

Tgt Ion: 65 Resp: 86489
Ion Ratio Lower Upper
65 100
67 50.8 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: VY006655.D

Acq: 05 Nov 2021 14:45

Instrument :

MSVOA_Y

ClientSampleId :

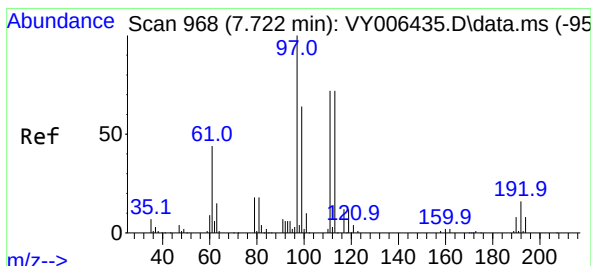
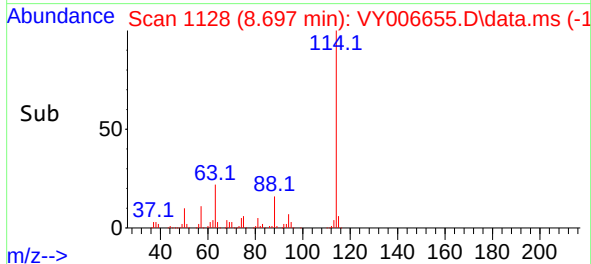
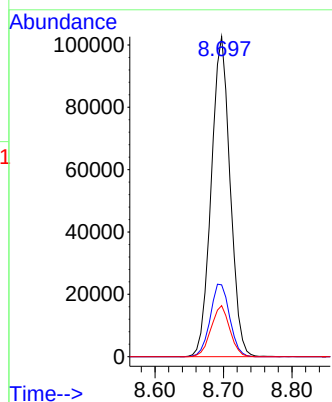
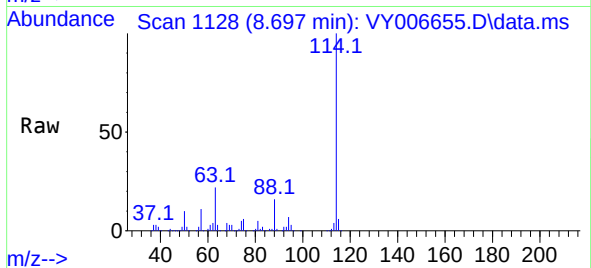
Tgt Ion:114 Resp: 196037

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.660 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006655.D

Acq: 05 Nov 2021 14:45

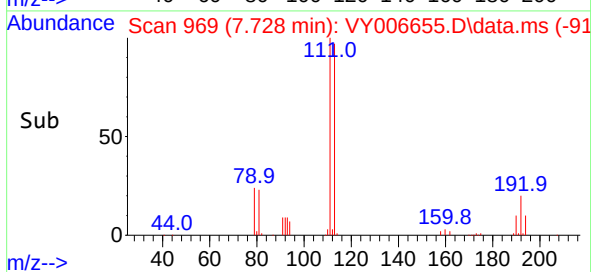
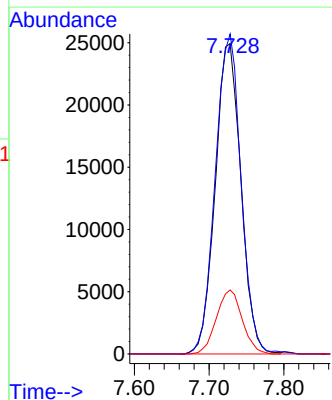
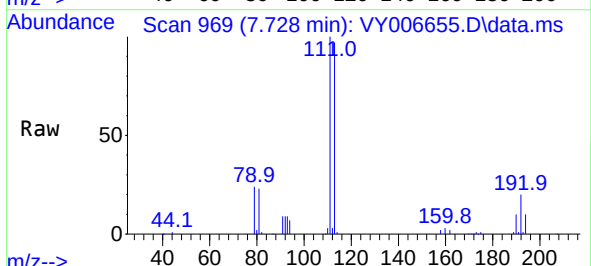
Tgt Ion:113 Resp: 59724

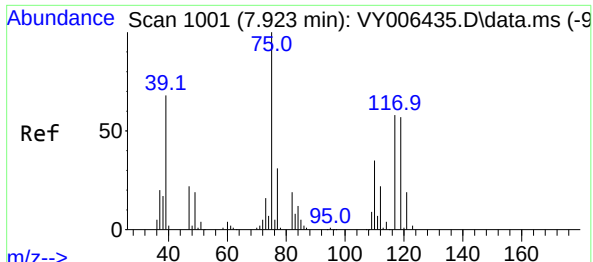
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 20.7 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.937 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

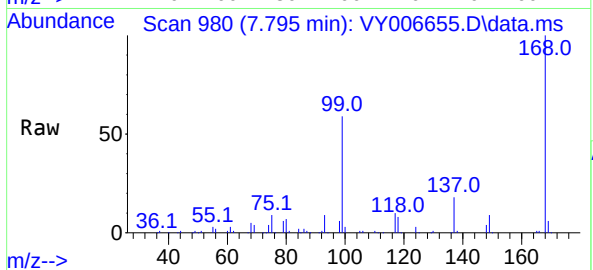
Lab File: VY006655.D

Acq: 05 Nov 2021 14:45

Instrument :

MSVOA_Y

ClientSampleId :



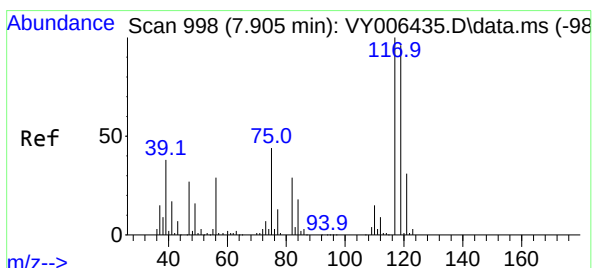
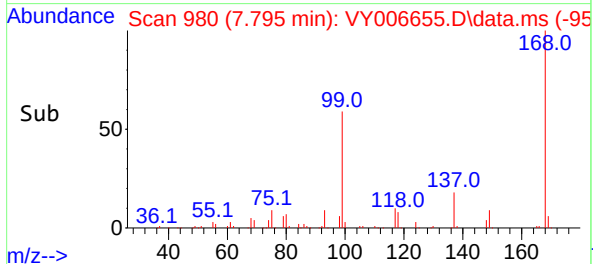
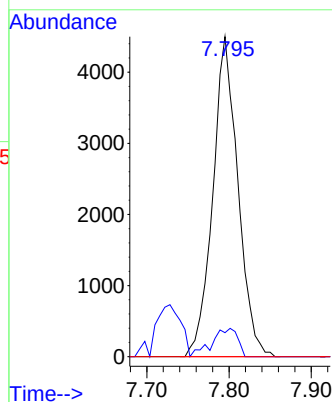
Tgt Ion: 75 Resp: 9562

Ion Ratio Lower Upper

75 100

110 8.3 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.331 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY006655.D

Acq: 05 Nov 2021 14:45

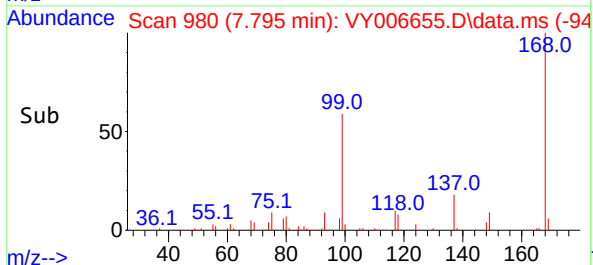
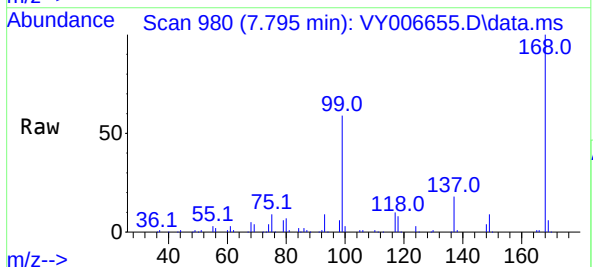
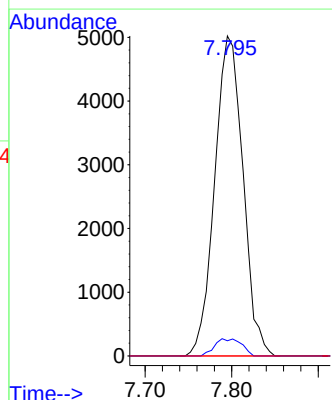
Tgt Ion: 117 Resp: 11392

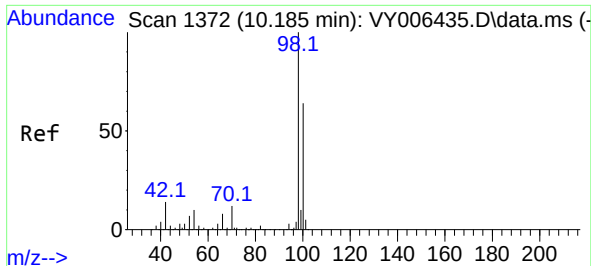
Ion Ratio Lower Upper

117 100

119 4.8 76.6 115.0#

121 0.0 24.7 37.1#

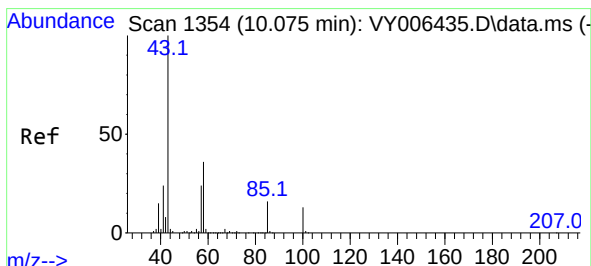
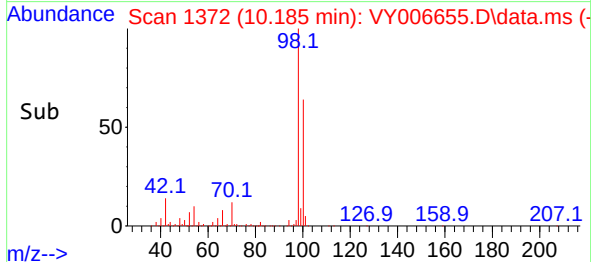
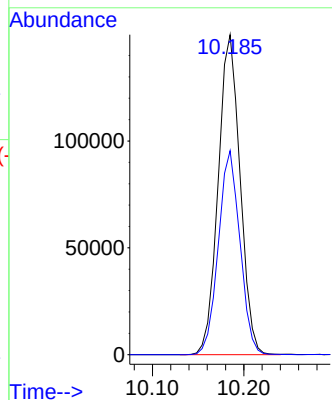
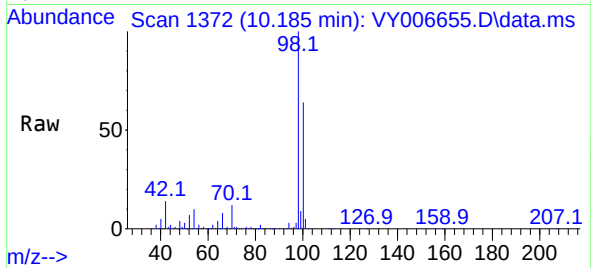




#50
Toluene-d8
Concen: 53.843 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

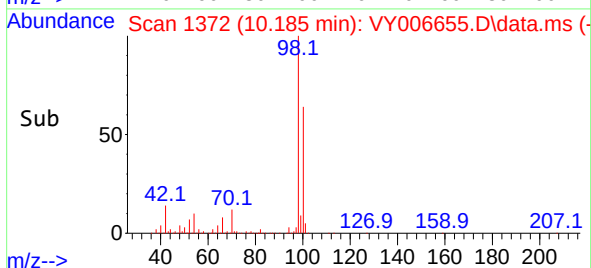
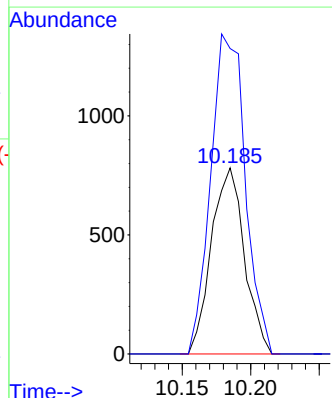
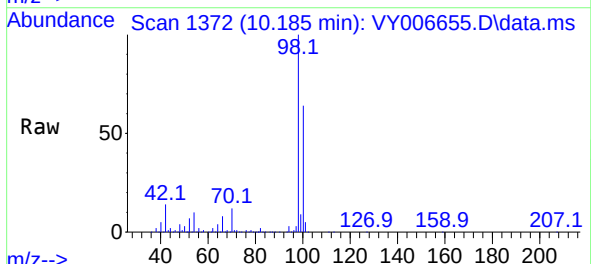
Instrument :
MSVOA_Y
ClientSampleId :

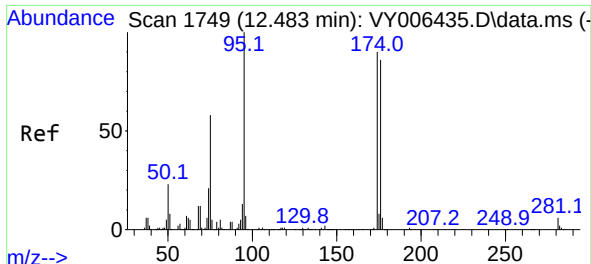
Tgt Ion: 98 Resp: 249395
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.052 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

Tgt Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
58 180.0 28.7 43.1#

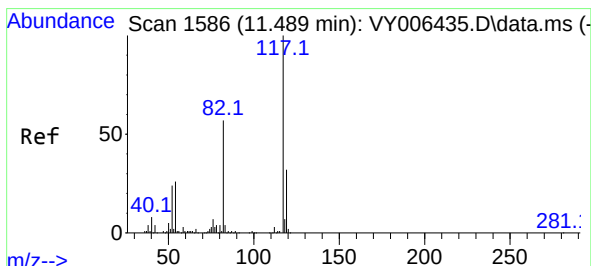
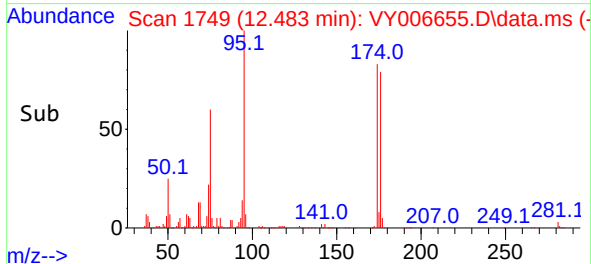
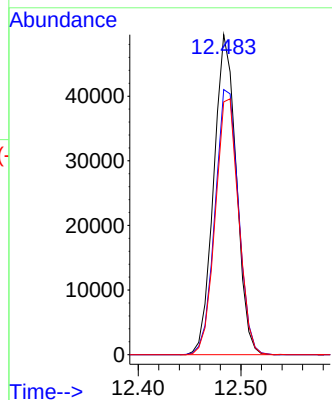
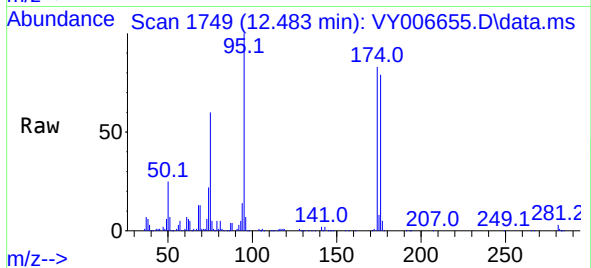




#62
4-Bromofluorobenzene
Concen: 48.336 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

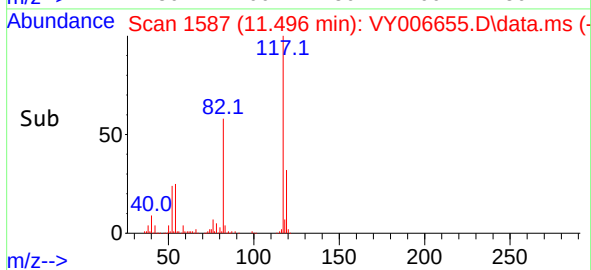
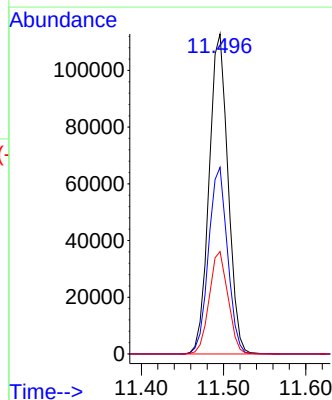
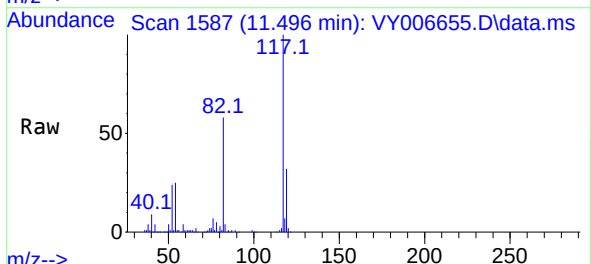
Instrument :
MSVOA_Y
ClientSampleId :

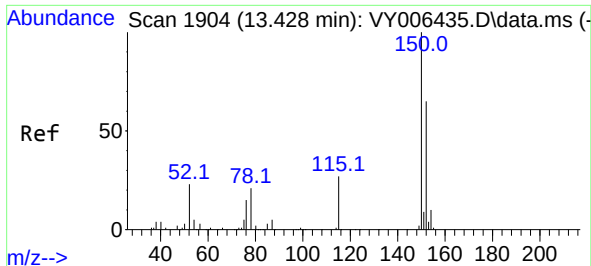
Tgt Ion: 95 Resp: 75419
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 82.4 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

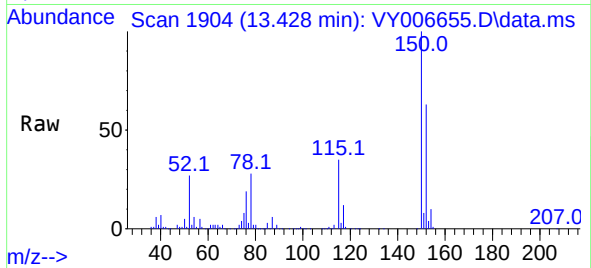
Tgt Ion: 117 Resp: 180293
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 32.0 25.5 38.3



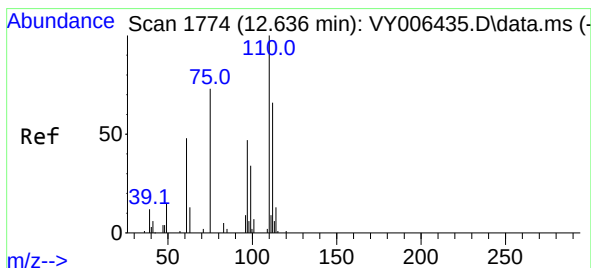
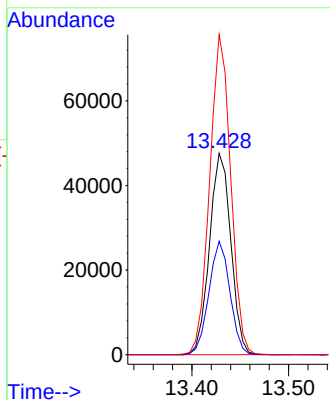
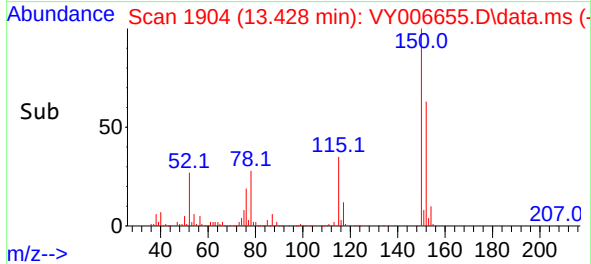


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

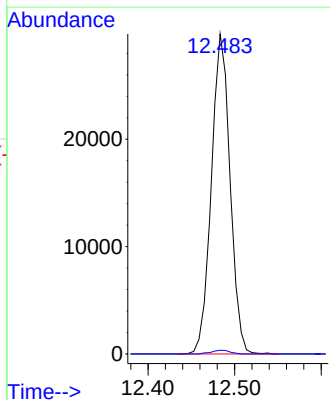
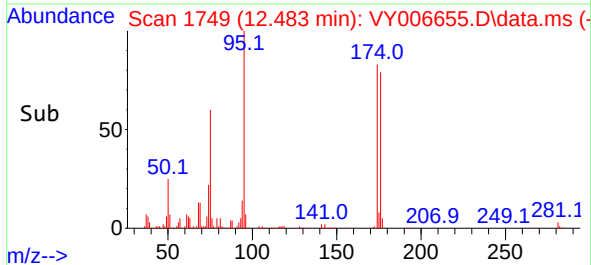
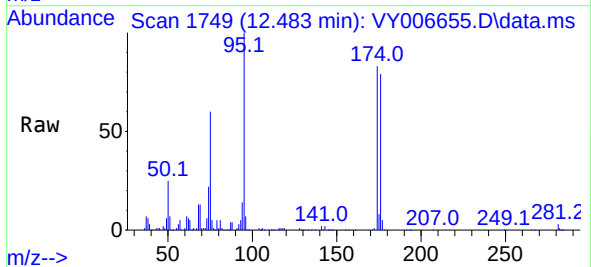


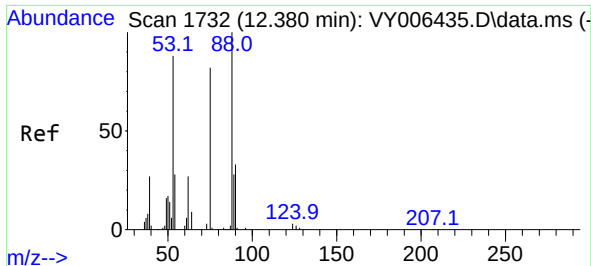
Tgt Ion:152 Resp: 72989
Ion Ratio Lower Upper
152 100
115 55.5 28.5 85.5
150 156.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 59.371 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

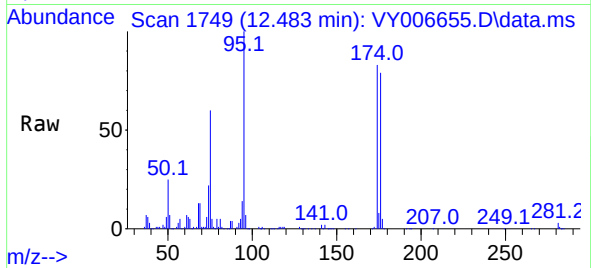
Tgt Ion: 75 Resp: 44655
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 121.887 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY006655.D
Acq: 05 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 44655
Ion Ratio Lower Upper
75 100
53 0.3 85.8 128.6#
89 0.0 39.3 58.9#

