

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007211.D
 Acq On : 18 Jan 2022 16:34
 Operator : SY/MD
 Sample : N1176-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 00:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

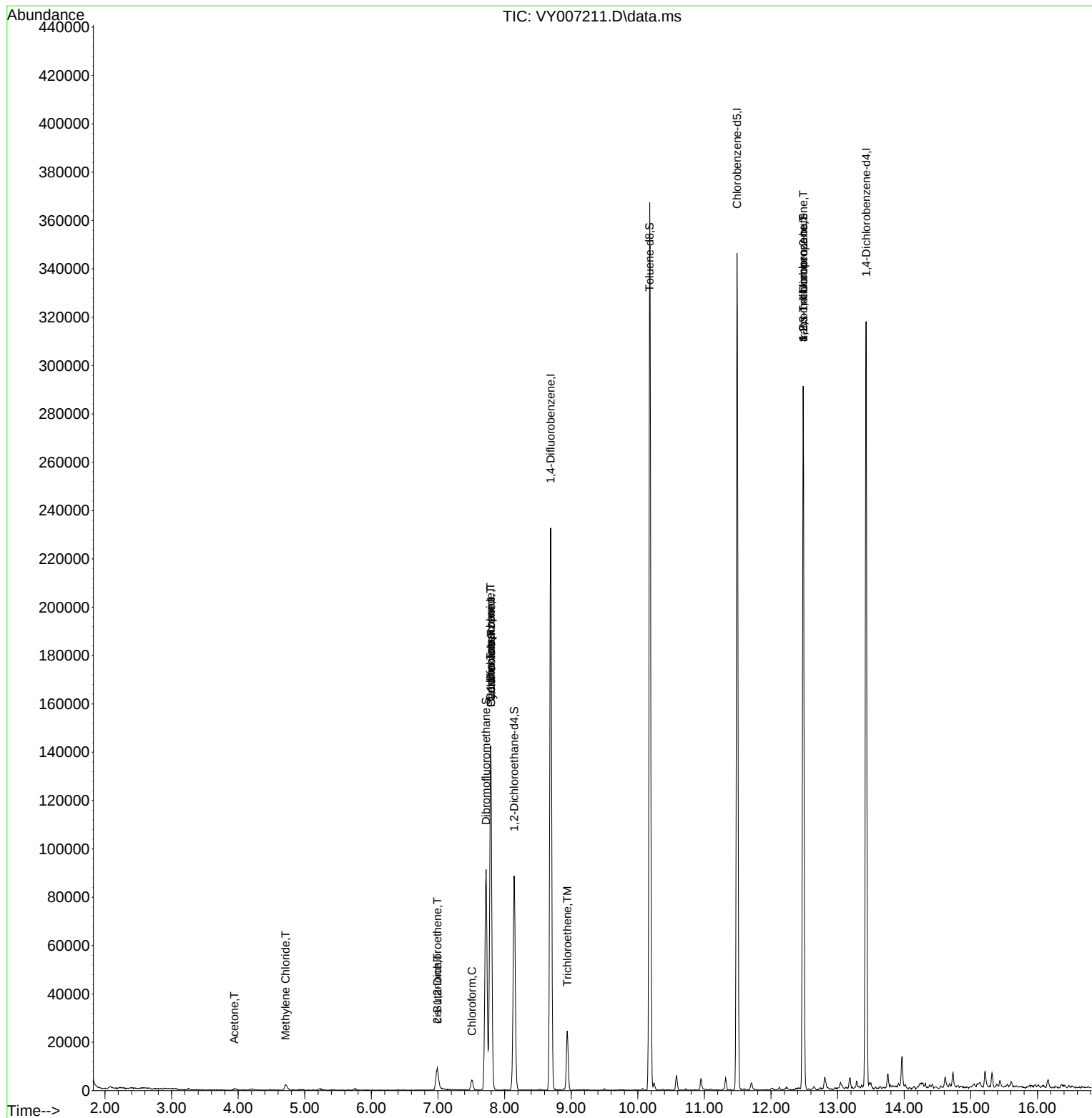
Internal Standards						
1) Pentafluorobenzene	7.795	168	102609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	178188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68180	54.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.300%	
35) Dibromofluoromethane	7.722	113	64504	49.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.520%	
50) Toluene-d8	10.179	98	236825	49.493	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.980%	
62) 4-Bromofluorobenzene	12.483	95	84047	49.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	175	Below Cal	#	73
16) Acetone	3.942	43	1387	4.245	ug/l	93
20) Methylene Chloride	4.710	84	1604	1.187	ug/l #	72
25) 2-Butanone	6.990	43	492	1.165	ug/l #	47
27) cis-1,2-Dichloroethene	6.990	96	3201	2.242	ug/l	95
30) Chloroform	7.509	83	4199	1.761	ug/l	99
31) Cyclohexane	7.795	56	2427	1.140	ug/l #	17
36) 1,1-Dichloropropene	7.789	75	8815	4.215	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11293	5.133	ug/l #	16
44) Trichloroethene	8.941	130	8066	5.343	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	46564	54.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46564	100.653	ug/l #	3

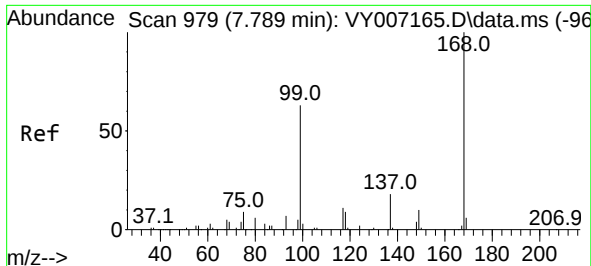
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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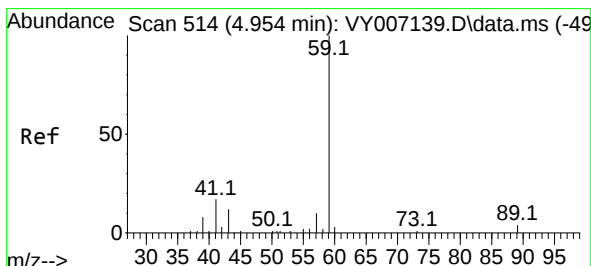
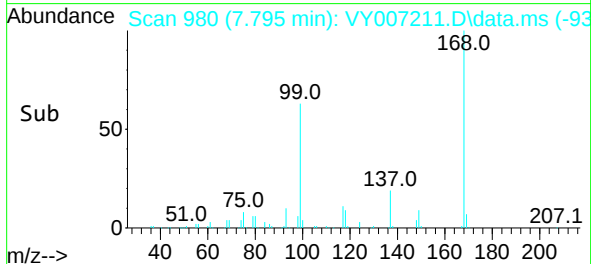
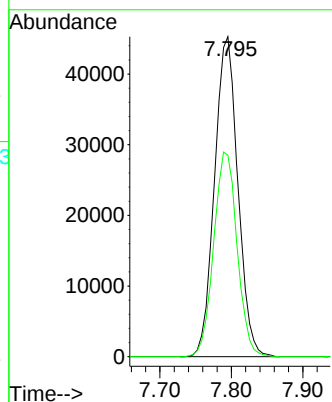
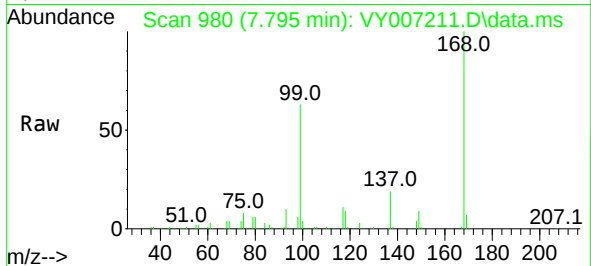




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

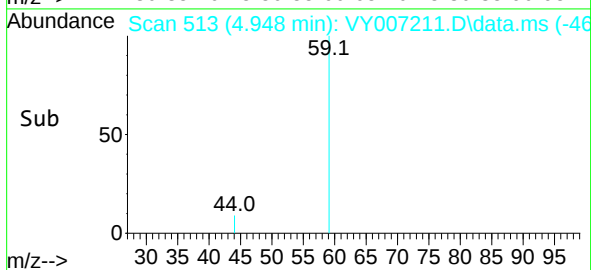
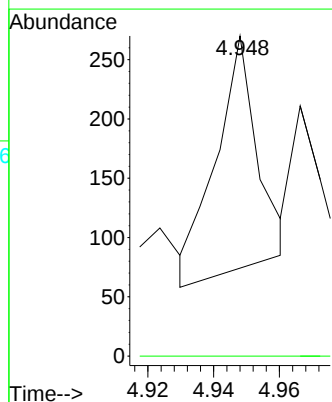
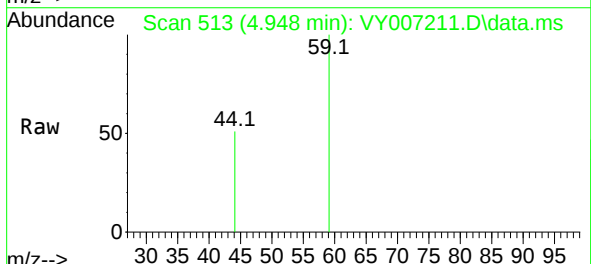
Instrument :
MSVOA_Y
ClientSampleId :

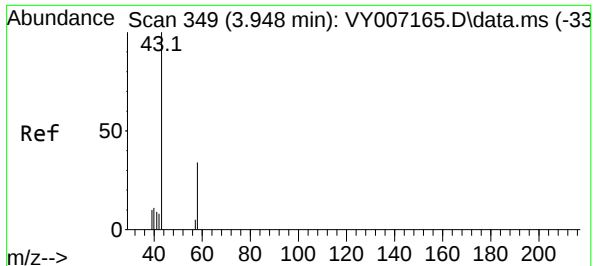
Tgt Ion:168 Resp: 102609
Ion Ratio Lower Upper
168 100
99 62.9 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

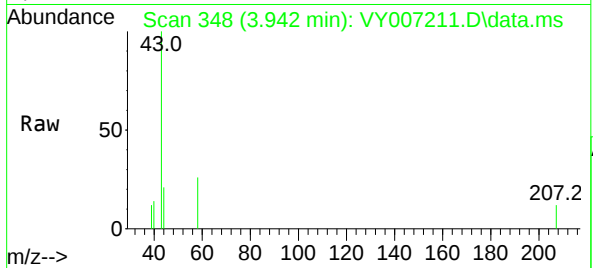
Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



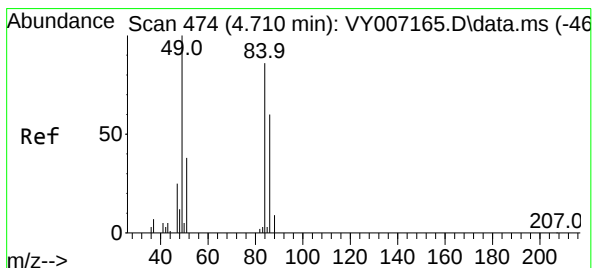
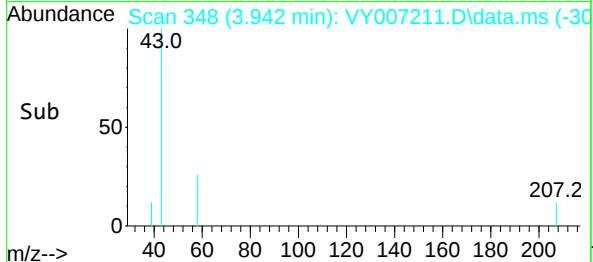
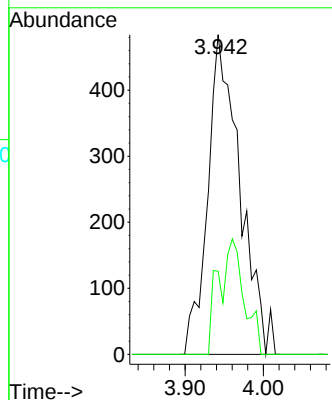


#16
Acetone
Concen: 4.245 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :

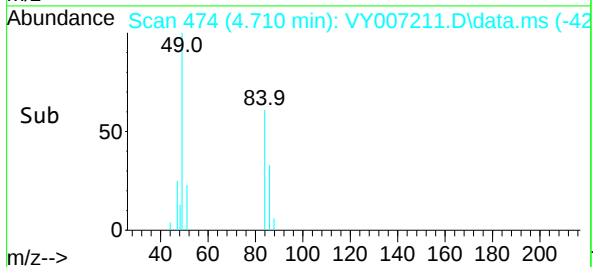
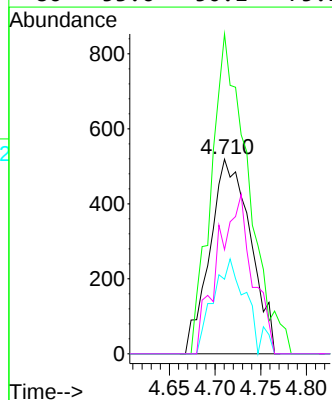
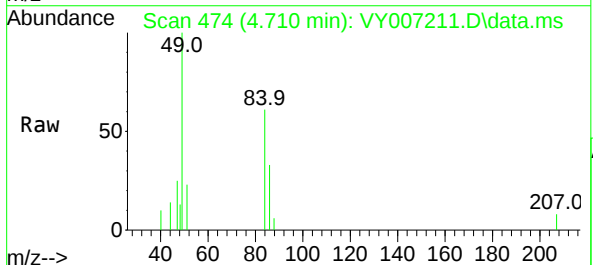


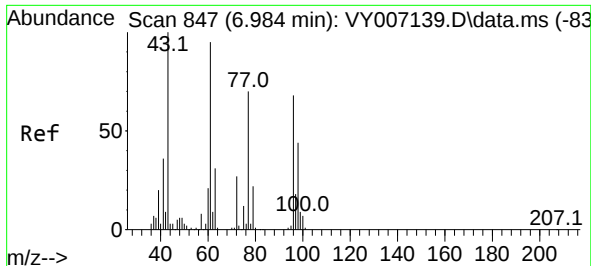
Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
58 26.0 23.8 35.6



#20
Methylene Chloride
Concen: 1.187 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

Tgt Ion: 84 Resp: 1604
Ion Ratio Lower Upper
84 100
49 164.4 92.6 139.0#
51 38.3 28.6 42.8
86 53.6 50.1 75.1

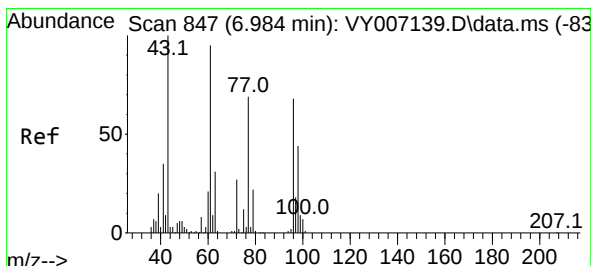
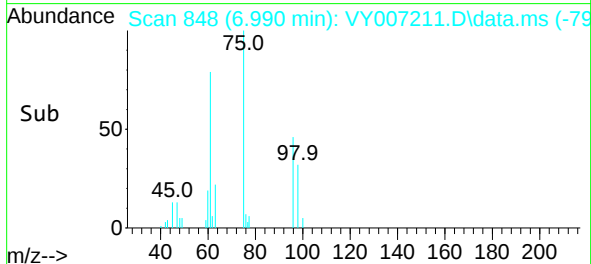
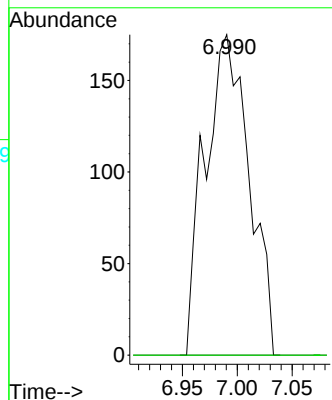
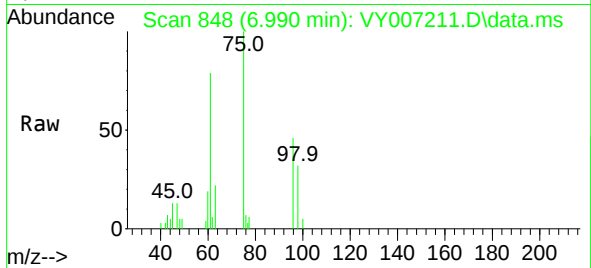




#25
2-Butanone
Concen: 1.165 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.007 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

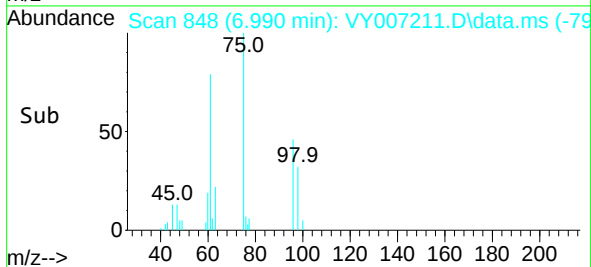
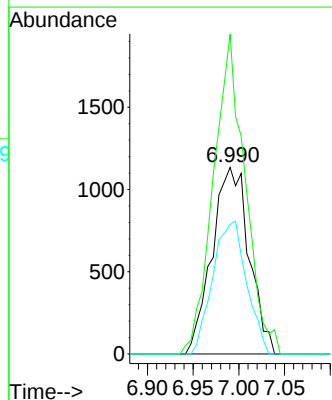
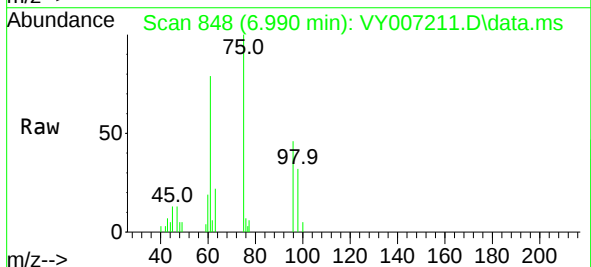
Instrument :
MSVOA_Y
ClientSampleId :

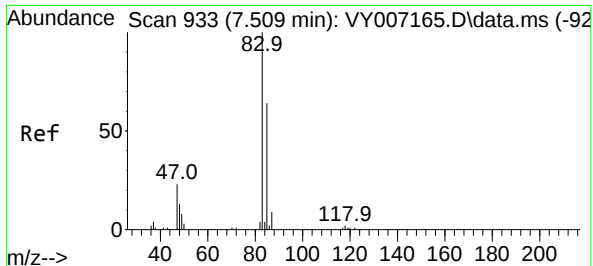
Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 2.242 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

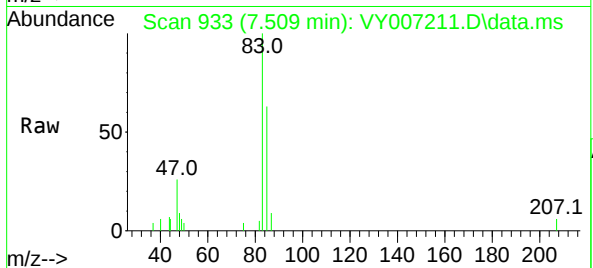
Tgt Ion: 96 Resp: 3201
Ion Ratio Lower Upper
96 100
61 146.4 0.0 276.8
98 65.0 0.0 127.8



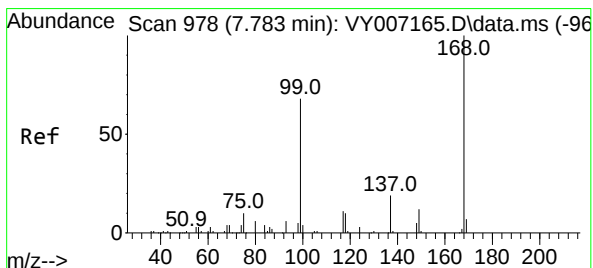
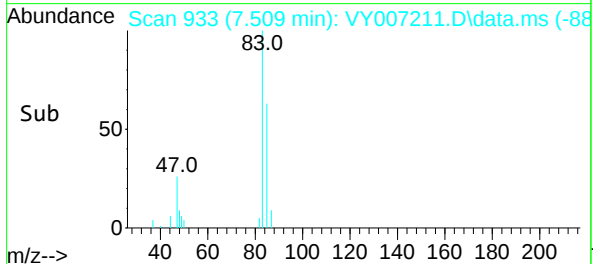
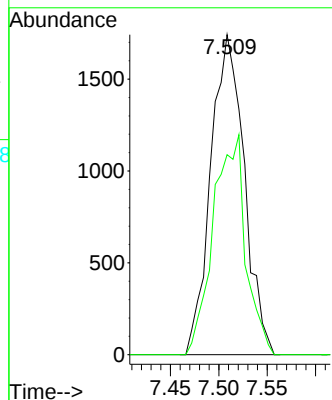


#30
Chloroform
Concen: 1.761 ug/l
RT: 7.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :

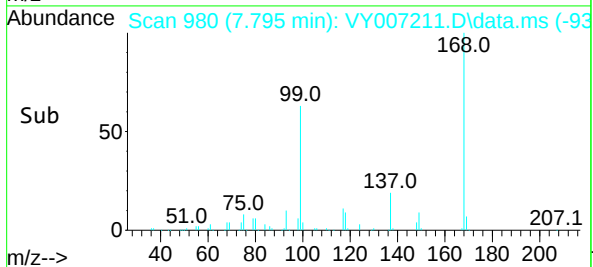
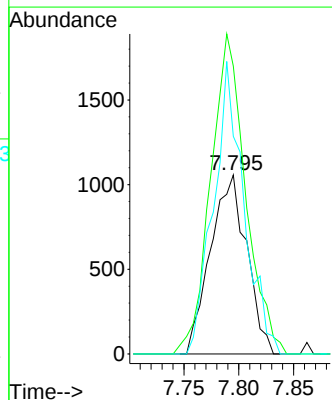
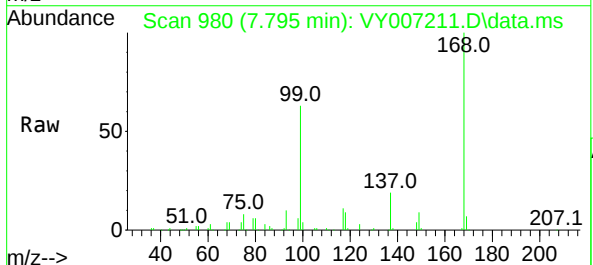


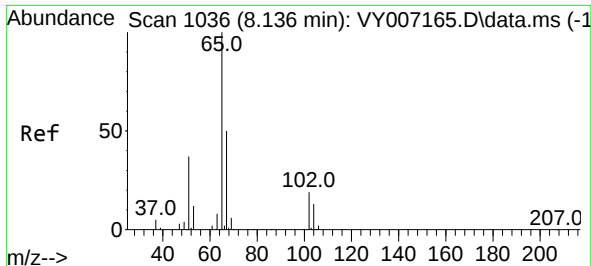
Tgt Ion: 83 Resp: 4199
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

Tgt Ion: 56 Resp: 2427
Ion Ratio Lower Upper
56 100
69 155.9 27.2 40.8#
84 121.6 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 54.153 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY007211.D

Acq: 18 Jan 2022 16:34

Instrument :

MSVOA_Y

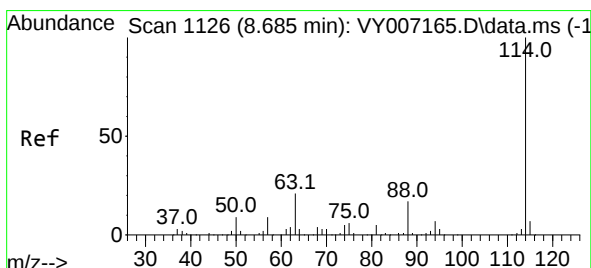
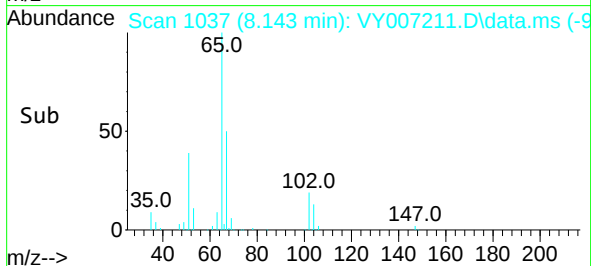
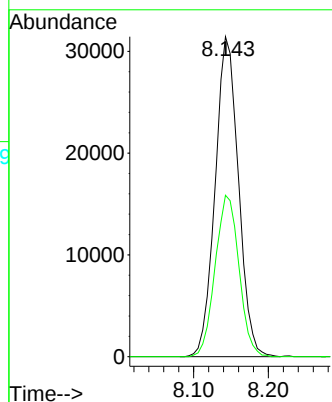
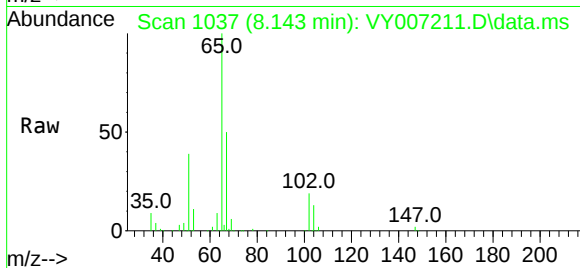
ClientSampleId :

Tgt Ion: 65 Resp: 68180

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007211.D

Acq: 18 Jan 2022 16:34

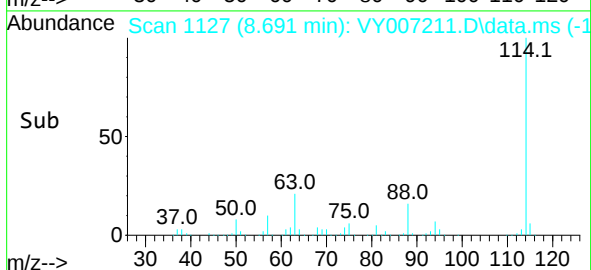
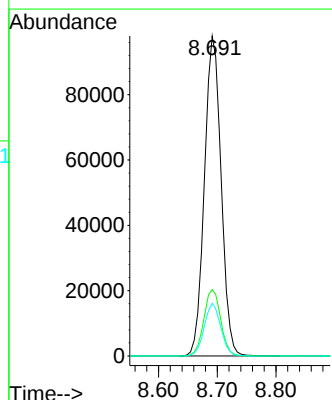
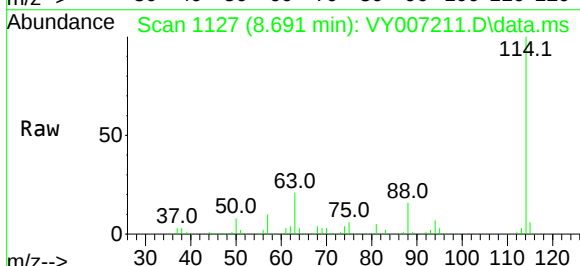
Tgt Ion: 114 Resp: 193667

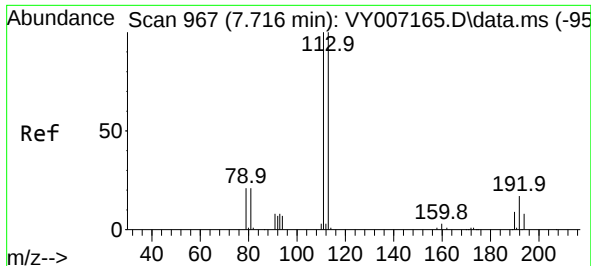
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

88 16.5 0.0 31.0

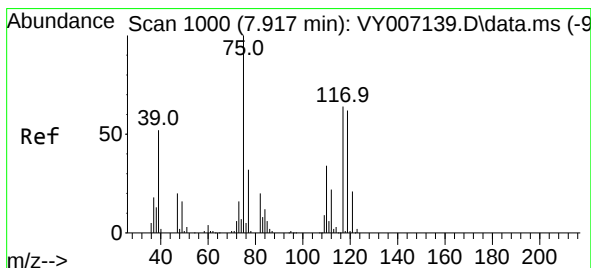
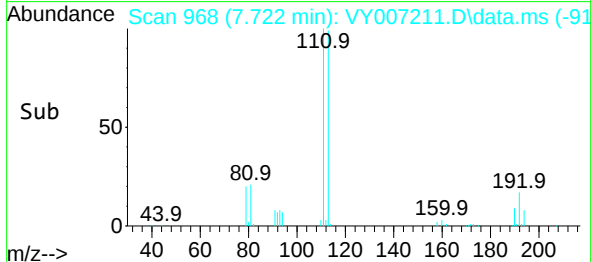
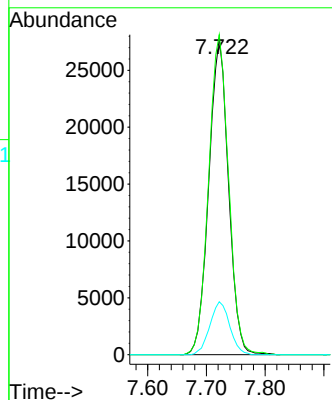
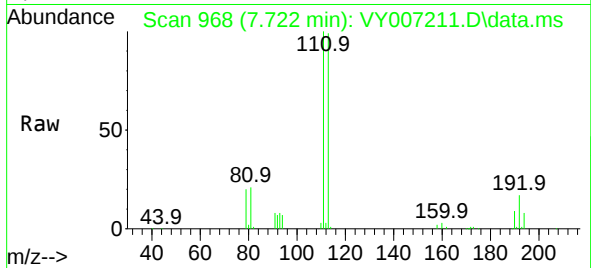




#35
Dibromofluoromethane
Concen: 49.257 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.007 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

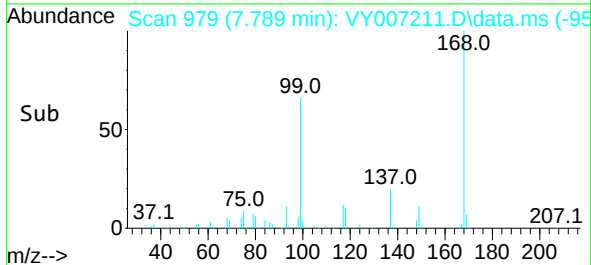
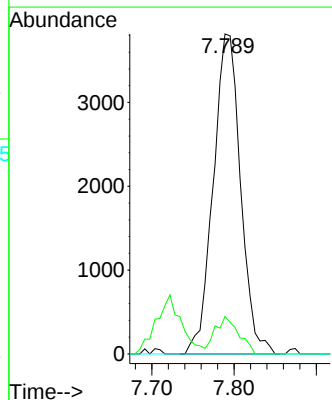
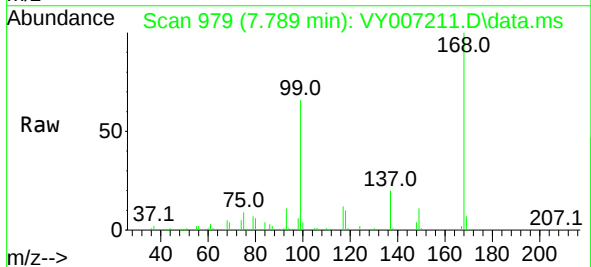
Instrument :
MSVOA_Y
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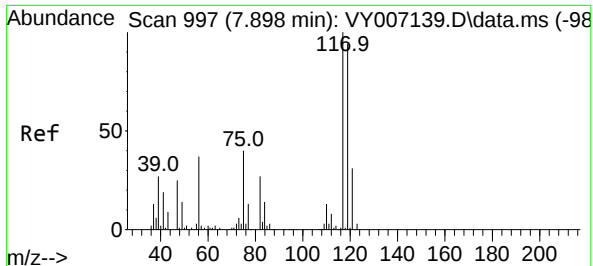
Tgt Ion:113 Resp: 64504
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.215 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

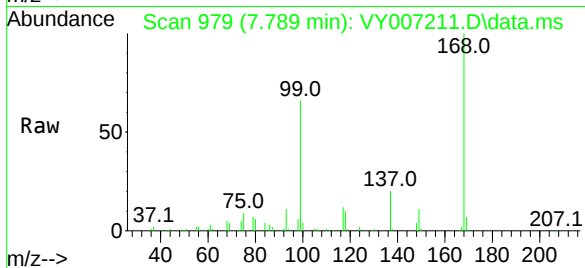
Tgt Ion: 75 Resp: 8815
Ion Ratio Lower Upper
75 100
110 10.0 17.3 51.9#
77 0.0 24.7 37.1#



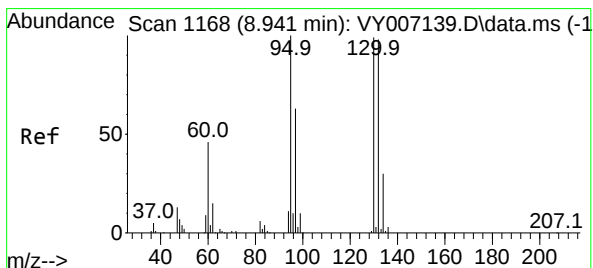
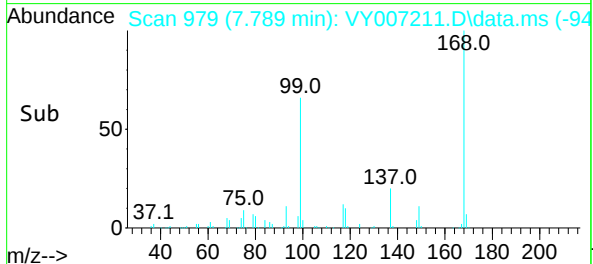
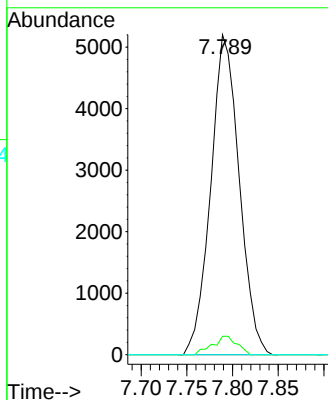


#38
Carbon Tetrachloride
Concen: 5.133 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :

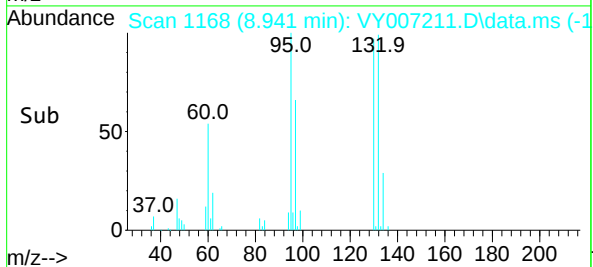
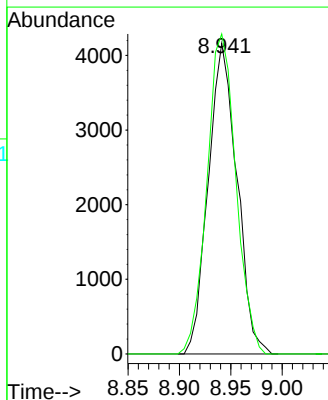
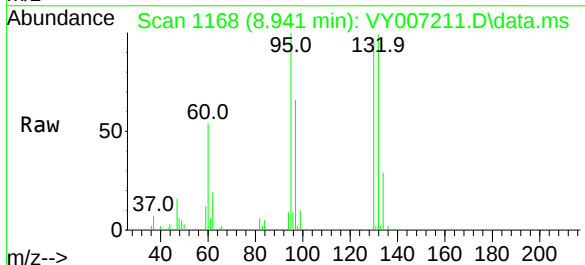


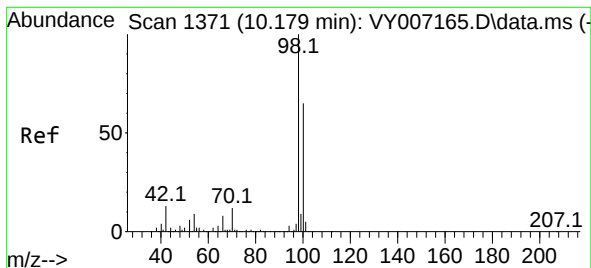
Tgt Ion:117 Resp: 11293
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 5.343 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

Tgt Ion:130 Resp: 8066
Ion Ratio Lower Upper
130 100
95 103.0 0.0 196.6

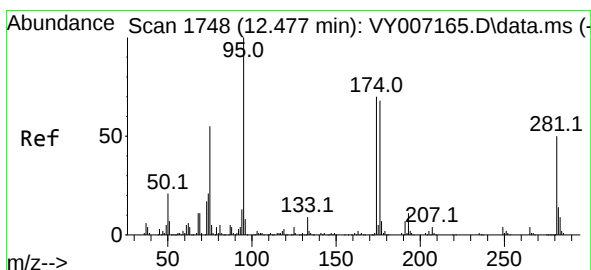
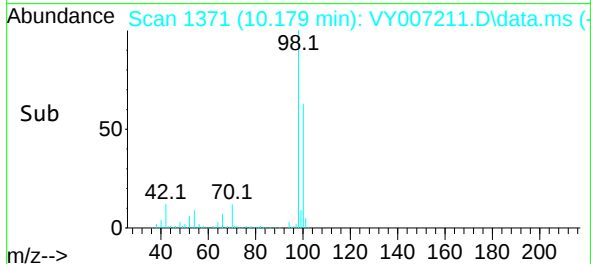
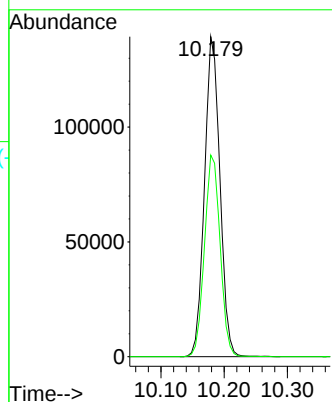
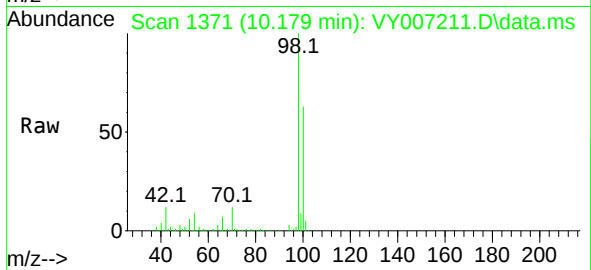




#50
Toluene-d8
Concen: 49.493 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

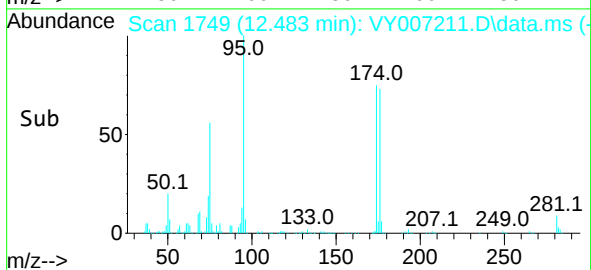
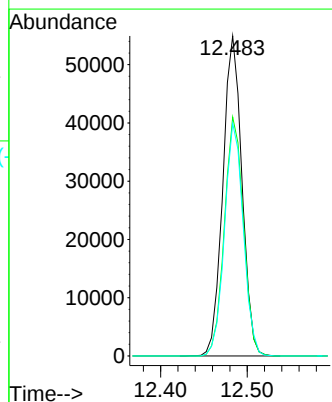
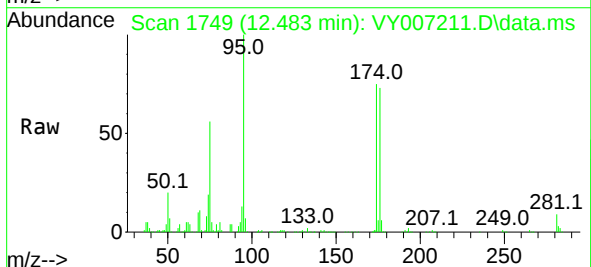
Instrument :
MSVOA_Y
ClientSampleId :

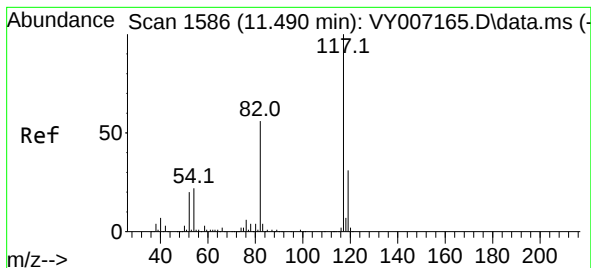
Tgt Ion: 98 Resp: 236825
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

Tgt Ion: 95 Resp: 84047
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.4
176 71.5 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007211.D

Acq: 18 Jan 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

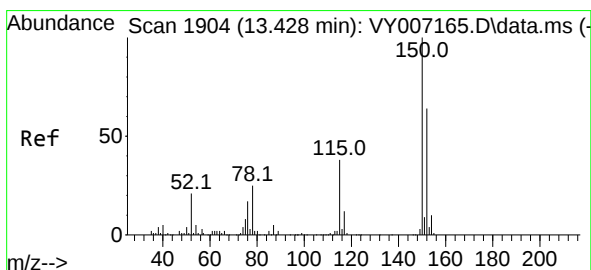
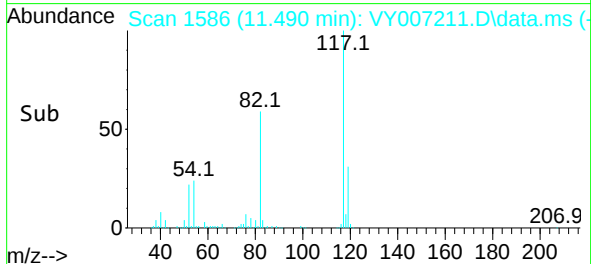
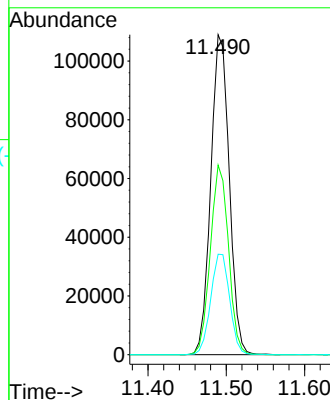
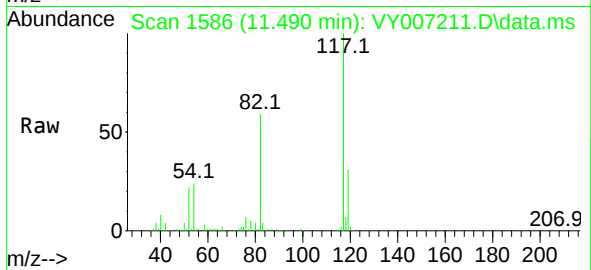
Tgt Ion:117 Resp: 178188

Ion Ratio Lower Upper

117 100

82 59.3 45.4 68.0

119 31.4 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007211.D

Acq: 18 Jan 2022 16:34

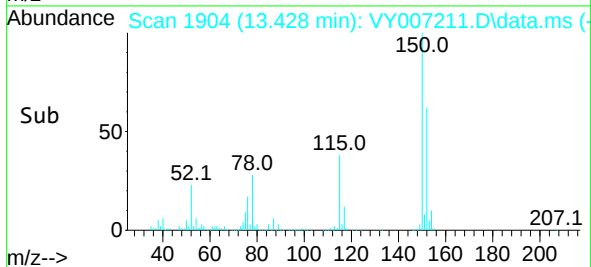
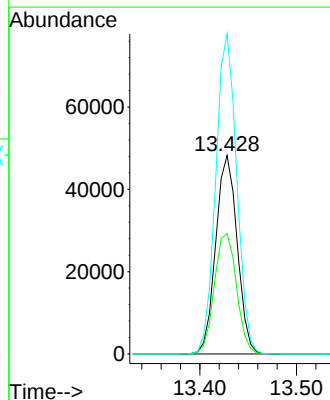
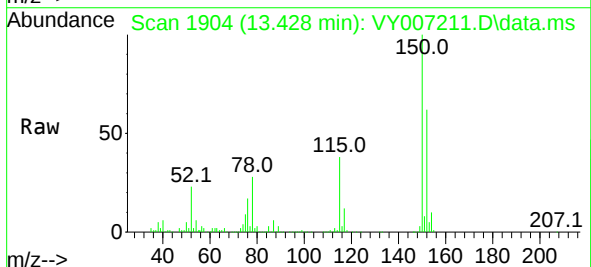
Tgt Ion:152 Resp: 74275

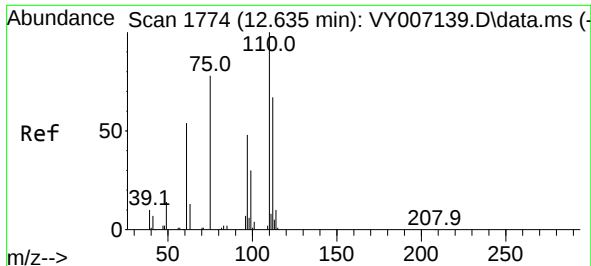
Ion Ratio Lower Upper

152 100

115 62.9 31.4 94.0

150 157.8 0.0 348.4

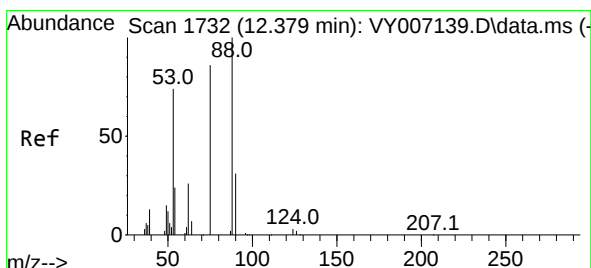
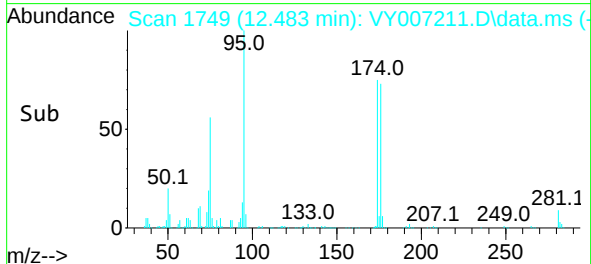
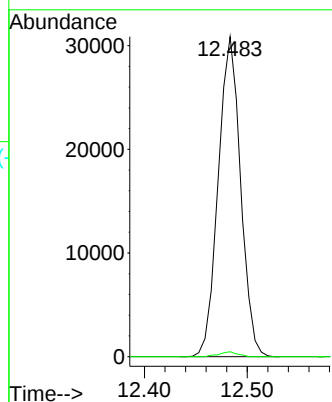
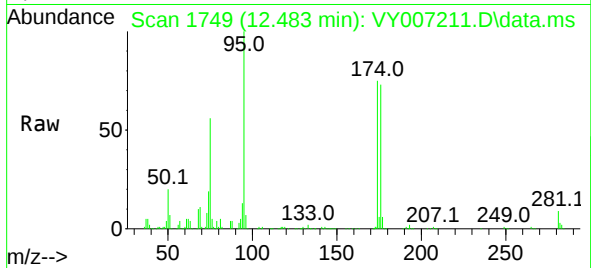




#76
1,2,3-Trichloropropane
Concen: 54.980 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 46564
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.653 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007211.D
Acq: 18 Jan 2022 16:34

Tgt Ion: 75 Resp: 46564
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.2 0.0 0.0#

