

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016835.D
 Acq On : 23 Dec 2023 03:34
 Operator : SY/MD
 Sample : 05957-06
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM15

Quant Time: Dec 23 05:35:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

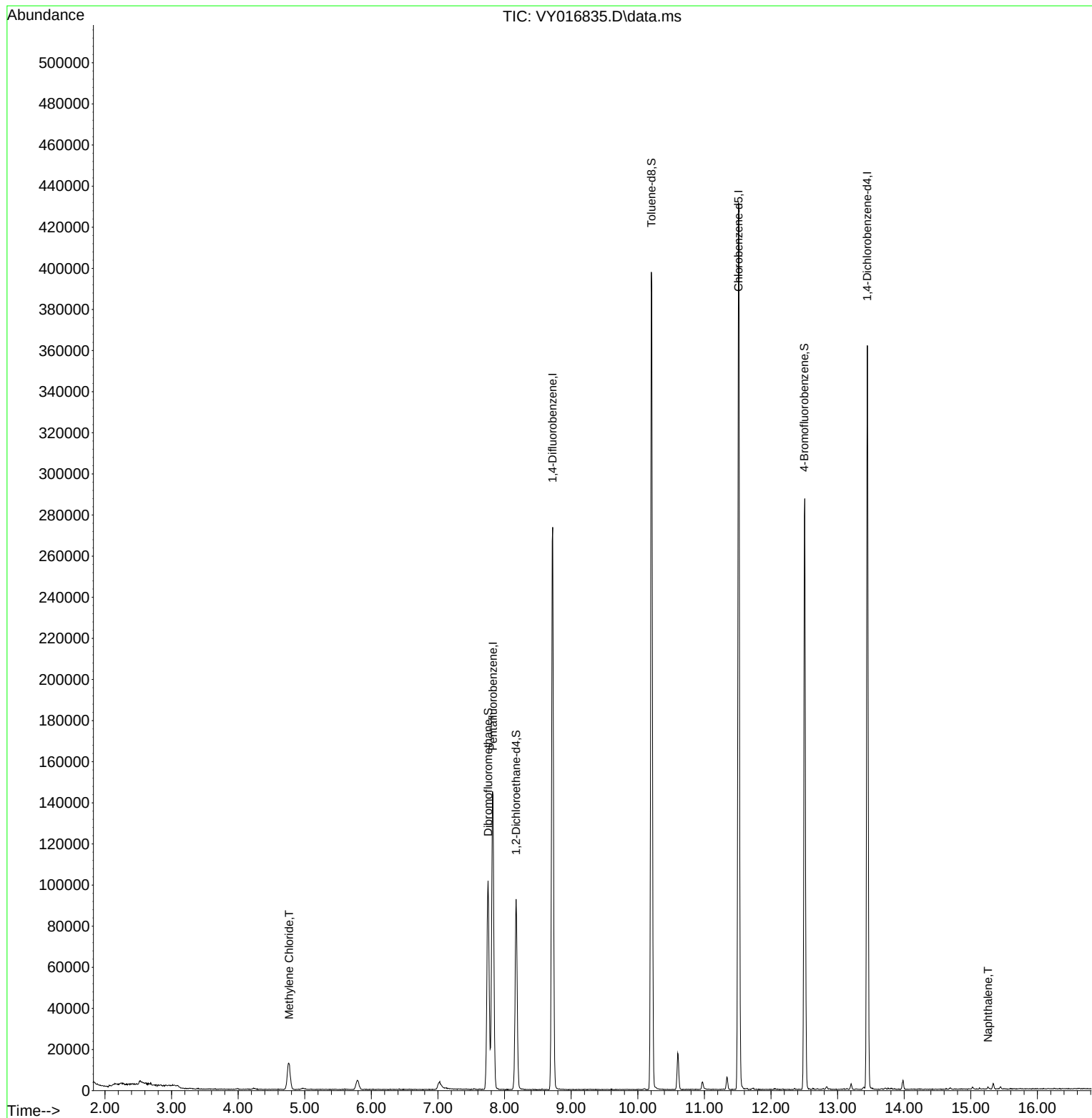
Internal Standards						
1) Pentafluorobenzene	7.826	168	109456	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	236915	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	236692	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	89110	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	70418	70.473	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.940%	
35) Dibromofluoromethane	7.753	113	74354	54.789	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.580%	
50) Toluene-d8	10.203	98	264776	54.122	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.240%	
62) 4-Bromofluorobenzene	12.502	95	85665	53.973	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.940%	
Target Compounds						
20) Methylene Chloride	4.765	84	10136	4.567	ug/l	97
95) Naphthalene	15.257	128	1016	3.922	ug/l #	88

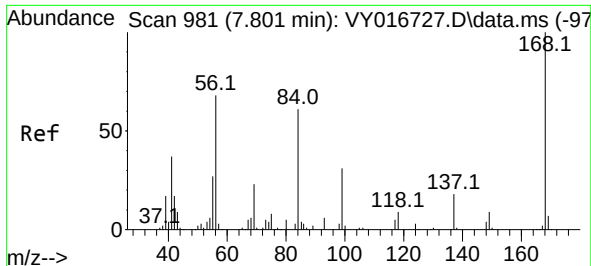
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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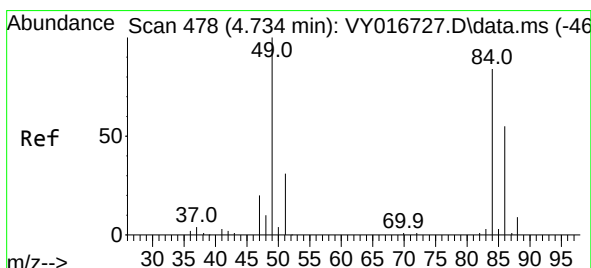
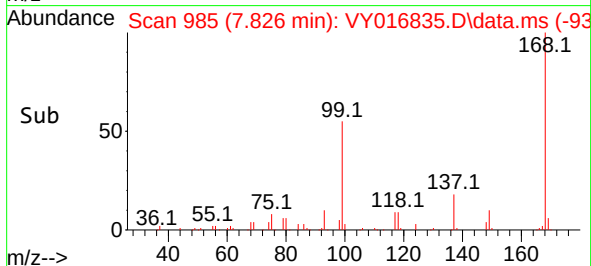
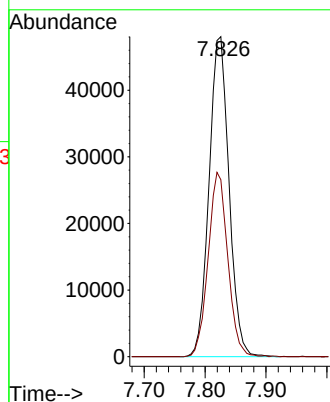
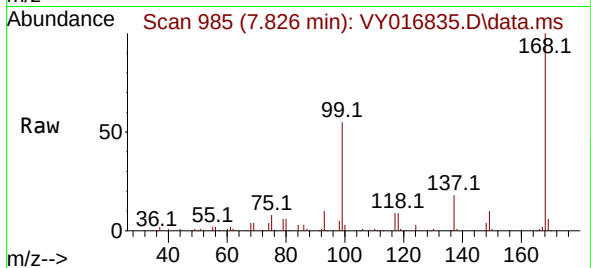




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016835.D
Acq: 23 Dec 2023 03:34

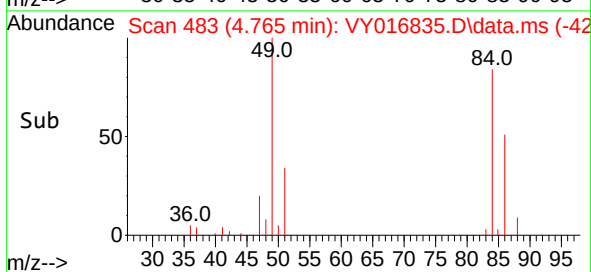
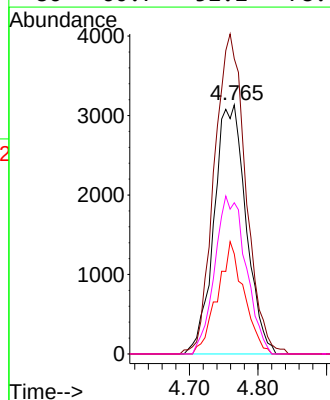
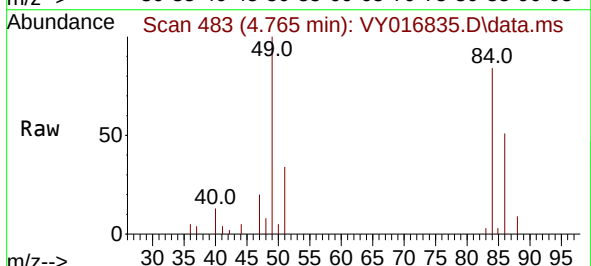
Instrument :
MSVOA_Y
ClientSampleId :
COM15

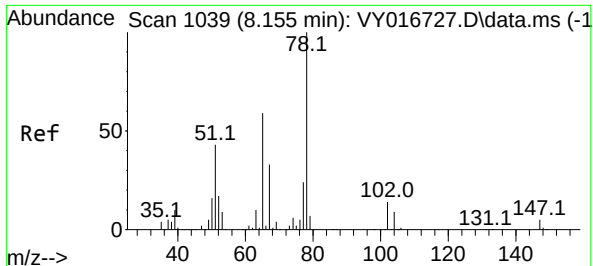
Tgt Ion:168 Resp: 109456
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#20
Methylene Chloride
Concen: 4.567 ug/l
RT: 4.765 min Scan# 483
Delta R.T. 0.031 min
Lab File: VY016835.D
Acq: 23 Dec 2023 03:34

Tgt Ion: 84 Resp: 10136
Ion Ratio Lower Upper
84 100
49 118.5 95.2 142.8
51 40.2 29.9 44.9
86 60.7 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 70.473 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.019 min

Lab File: VY016835.D

Acq: 23 Dec 2023 03:34

Instrument :

MSVOA_Y

ClientSampleId :

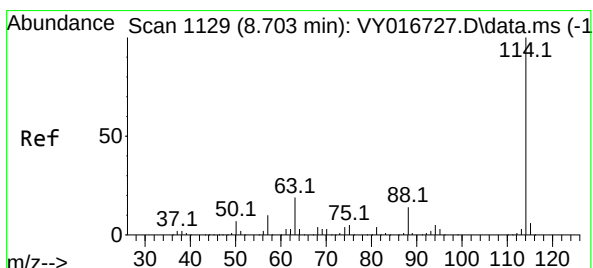
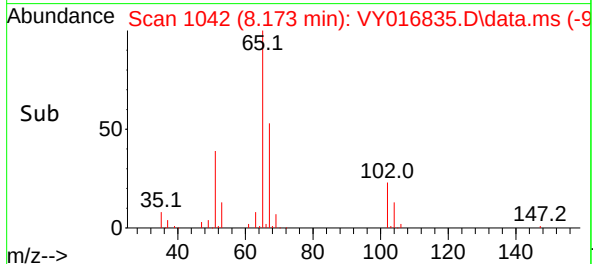
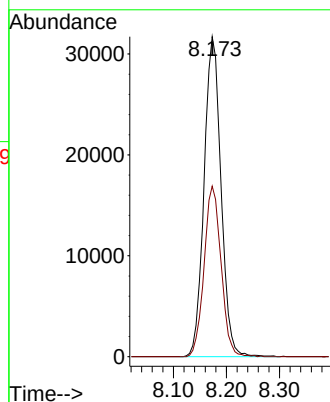
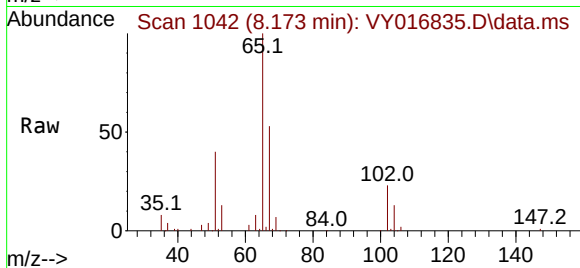
COM15

Tgt Ion: 65 Resp: 70418

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY016835.D

Acq: 23 Dec 2023 03:34

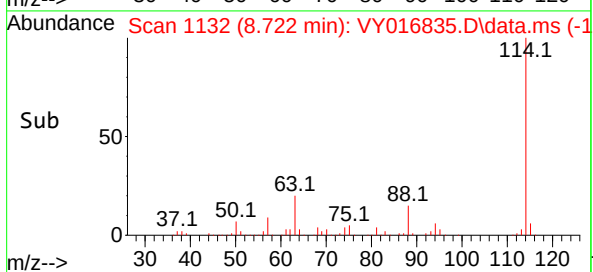
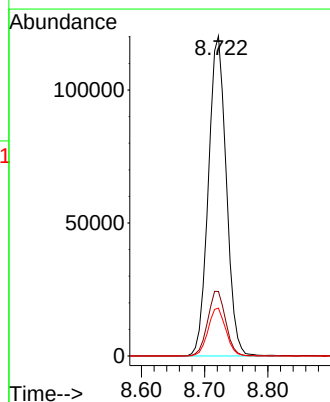
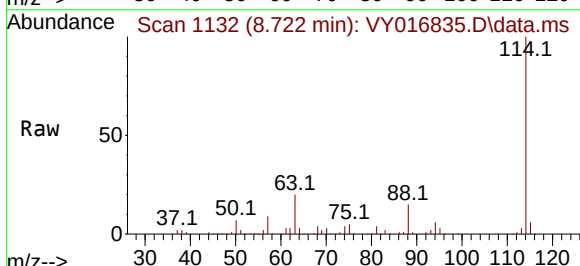
Tgt Ion: 114 Resp: 236915

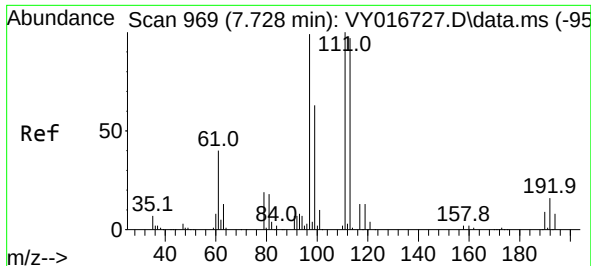
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.0 0.0 29.0

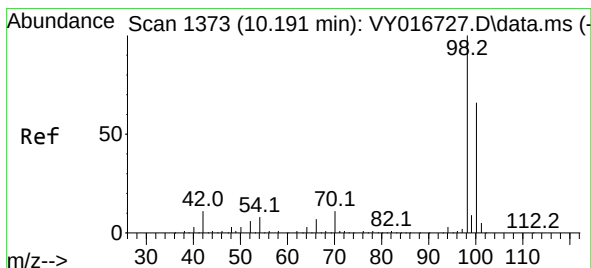
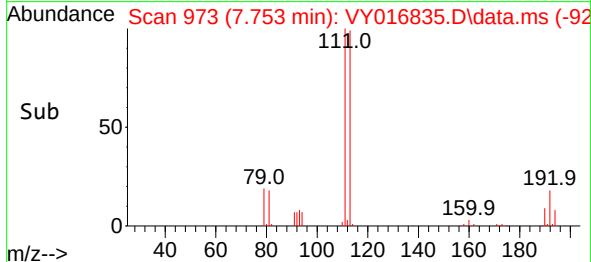
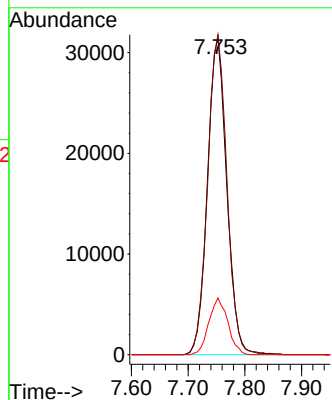
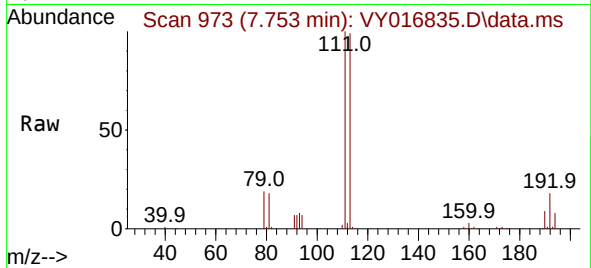




#35
 Dibromofluoromethane
 Concen: 54.789 ug/l
 RT: 7.753 min Scan# 91
 Delta R.T. 0.025 min
 Lab File: VY016835.D
 Acq: 23 Dec 2023 03:34

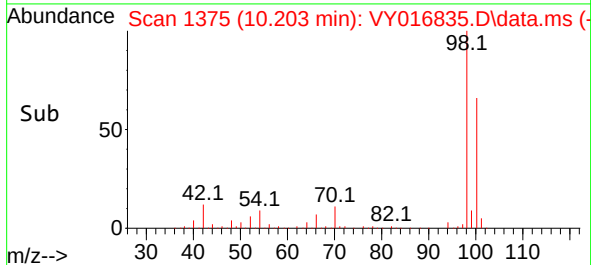
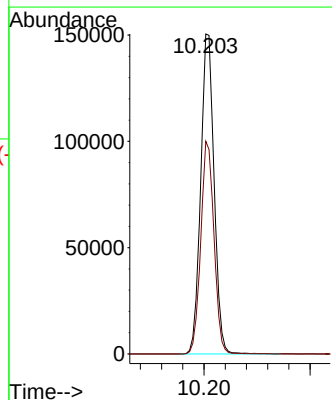
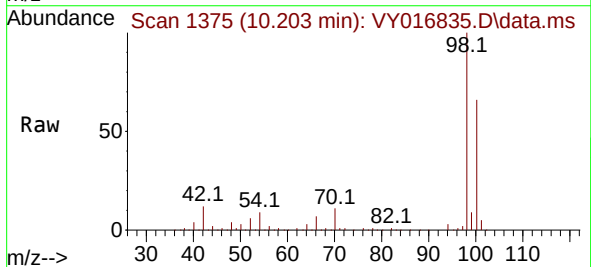
Instrument :
 MSVOA_Y
 ClientSampleId :
 COM15

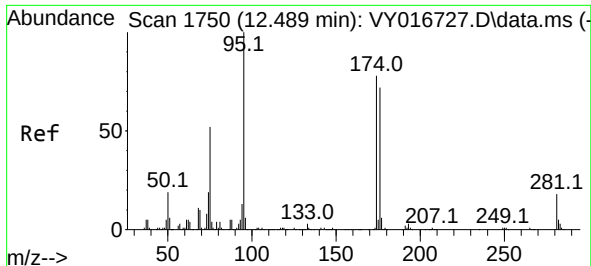
Tgt Ion:113	Resp:	74354
Ion	Ratio	Lower Upper
113	100	
111	101.7	83.8 125.6
192	17.6	14.5 21.7



#50
 Toluene-d8
 Concen: 54.122 ug/l
 RT: 10.203 min Scan# 1375
 Delta R.T. 0.013 min
 Lab File: VY016835.D
 Acq: 23 Dec 2023 03:34

Tgt Ion: 98	Resp:	264776
Ion	Ratio	Lower Upper
98	100	
100	65.5	52.3 78.5





#62

4-Bromofluorobenzene

Concen: 53.973 ug/l

RT: 12.502 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016835.D

Acq: 23 Dec 2023 03:34

Instrument :

MSVOA_Y

ClientSampleId :

COM15

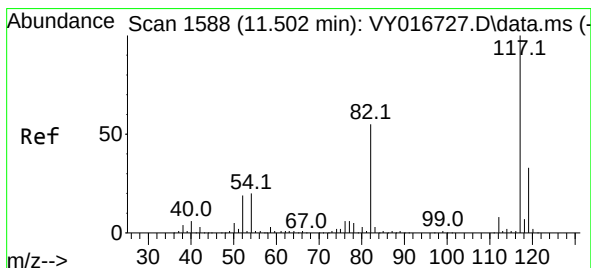
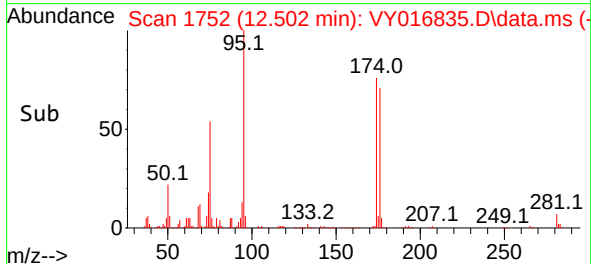
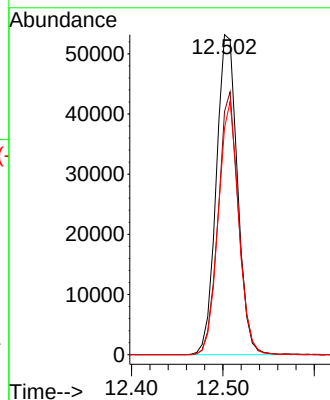
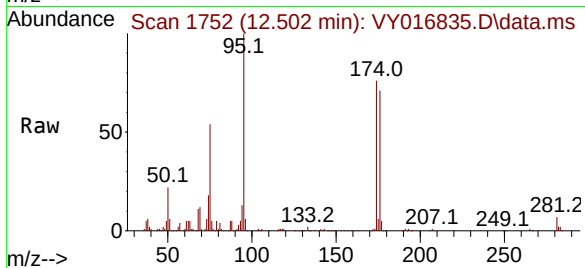
Tgt Ion: 95 Resp: 85665

Ion Ratio Lower Upper

95 100

174 78.5 0.0 160.0

176 76.0 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.013 min

Lab File: VY016835.D

Acq: 23 Dec 2023 03:34

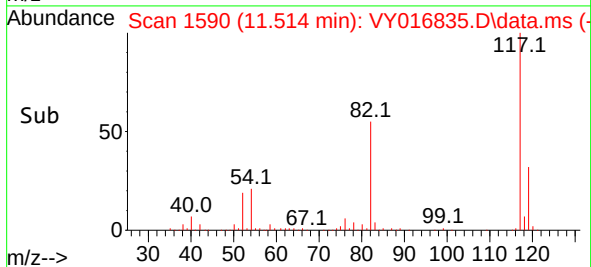
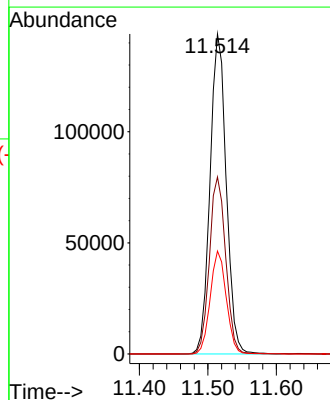
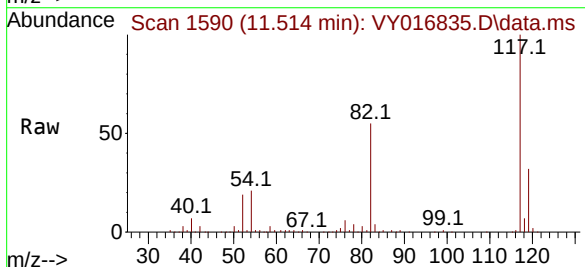
Tgt Ion: 117 Resp: 236692

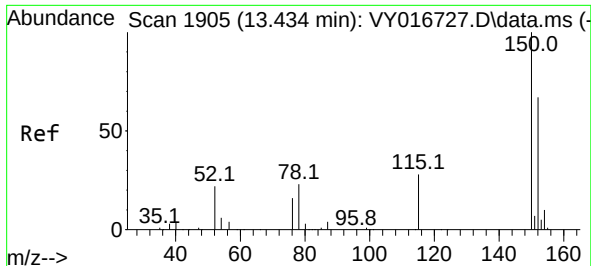
Ion Ratio Lower Upper

117 100

82 55.3 43.8 65.8

119 32.2 26.5 39.7

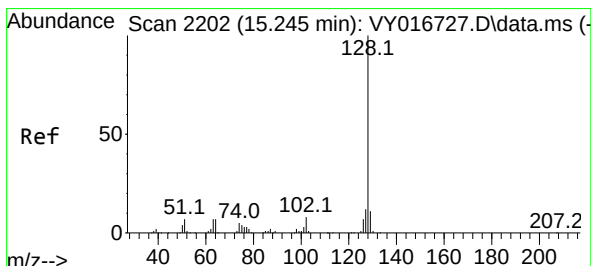
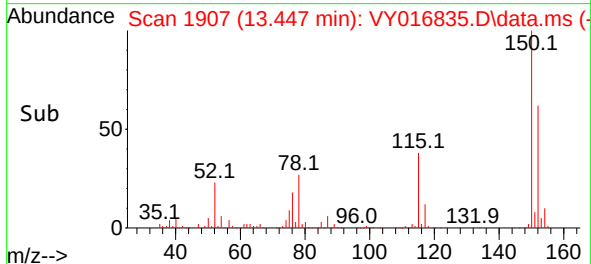
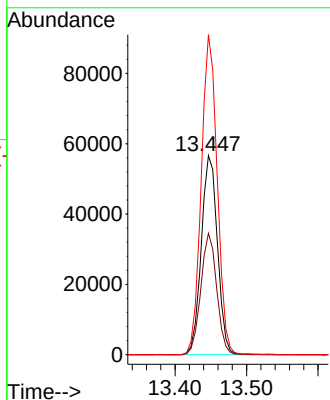
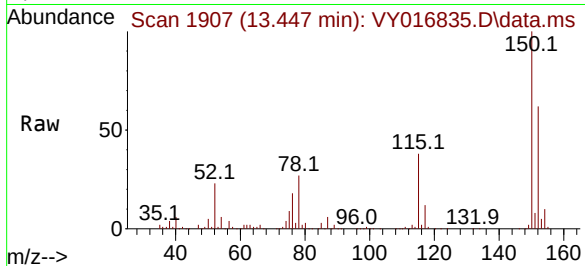




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1905
Delta R.T. 0.013 min
Lab File: VY016835.D
Acq: 23 Dec 2023 03:34

Instrument :
MSVOA_Y
ClientSampleId :
COM15

Tgt Ion:152 Resp: 89110
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.0
150 158.2 0.0 344.6



#95
Naphthalene
Concen: 3.922 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY016835.D
Acq: 23 Dec 2023 03:34

Tgt Ion:128 Resp: 1016
Ion Ratio Lower Upper
128 100
127 6.0 10.2 15.4#
129 8.4 8.6 12.8#

