

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017531.D
 Acq On : 29 Feb 2024 16:30
 Operator : SY/MD
 Sample : P1622-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-022824

Quant Time: Mar 01 00:32:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

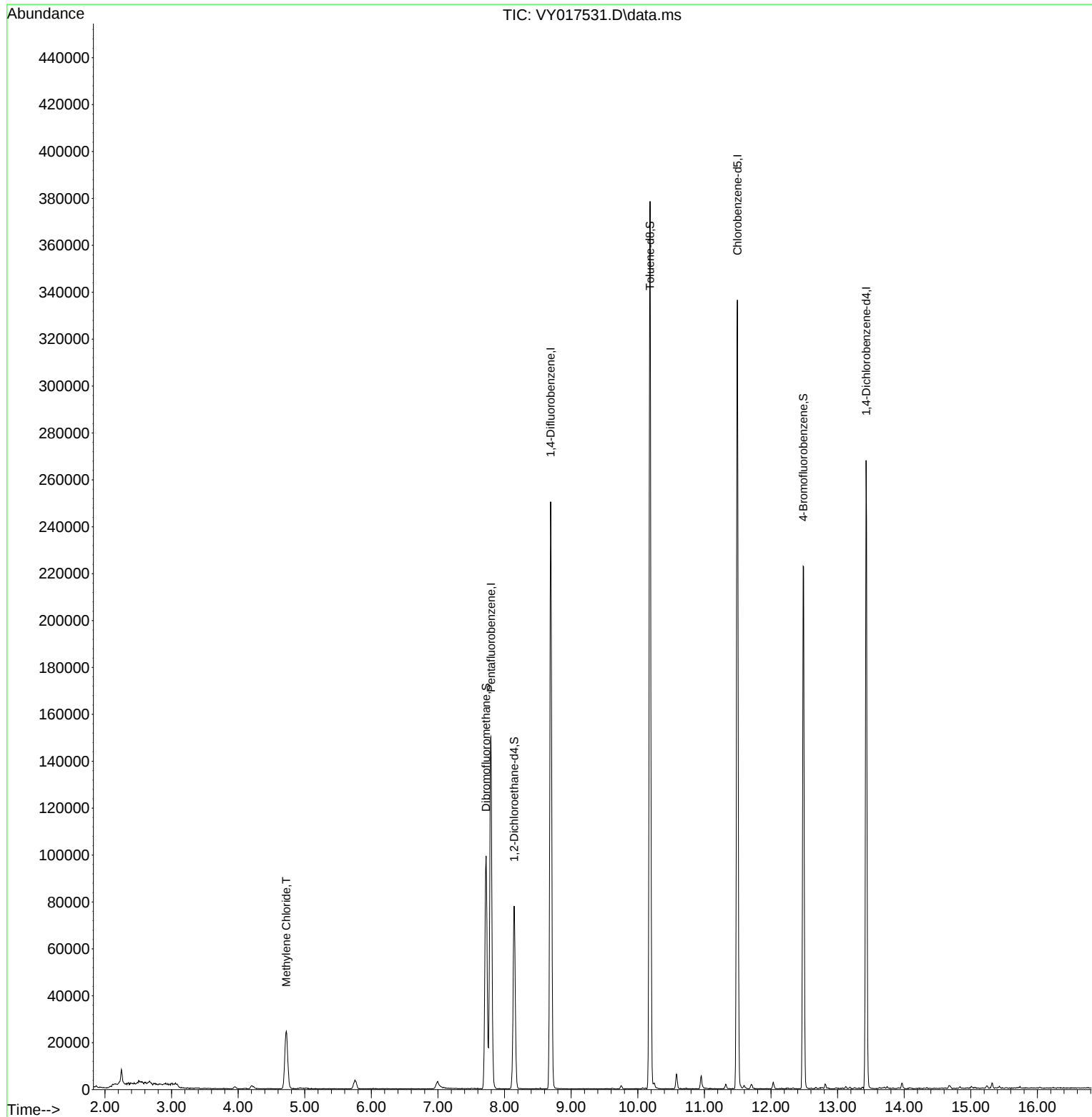
Internal Standards						
1) Pentafluorobenzene	7.795	168	125456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	224241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57282	48.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.360%
35) Dibromofluoromethane	7.722	113	72015	46.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.180%
50) Toluene-d8	10.185	98	257908	47.207	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.483	95	67213	39.146	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.300%
Target Compounds						
20) Methylene Chloride	4.723	84	20957	11.219	ug/l	Qvalue 96

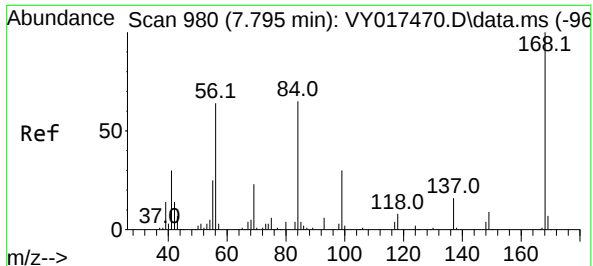
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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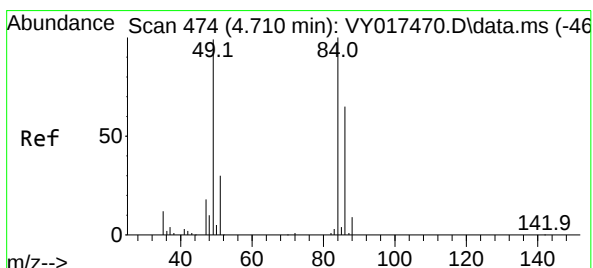
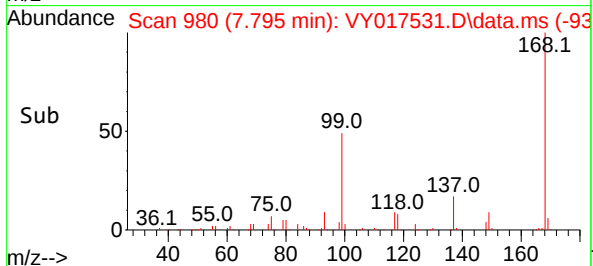
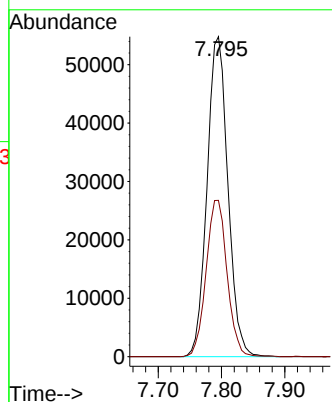
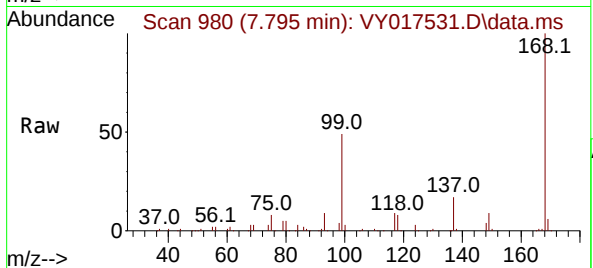




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017531.D
Acq: 29 Feb 2024 16:30

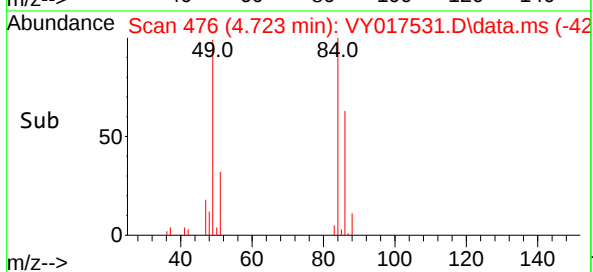
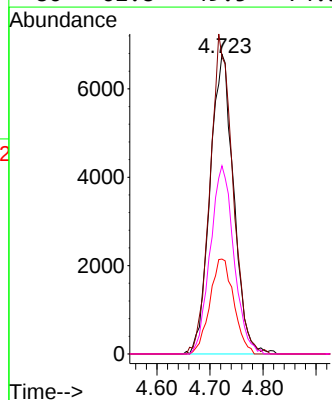
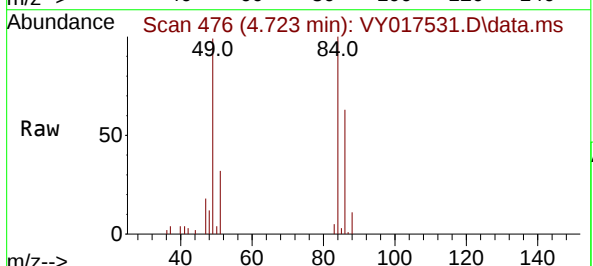
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022824

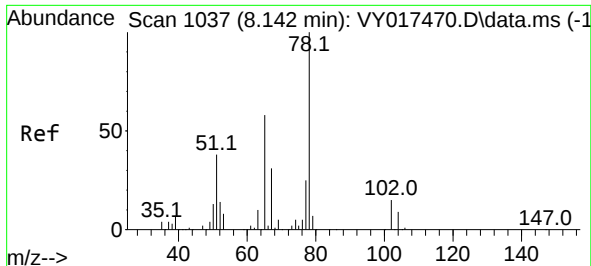
Tgt Ion:168 Resp: 125456
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#20
Methylene Chloride
Concen: 11.219 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY017531.D
Acq: 29 Feb 2024 16:30

Tgt Ion: 84 Resp: 20957
Ion Ratio Lower Upper
84 100
49 99.1 84.4 126.6
51 31.6 26.0 39.0
86 62.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 48.177 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017531.D

Acq: 29 Feb 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

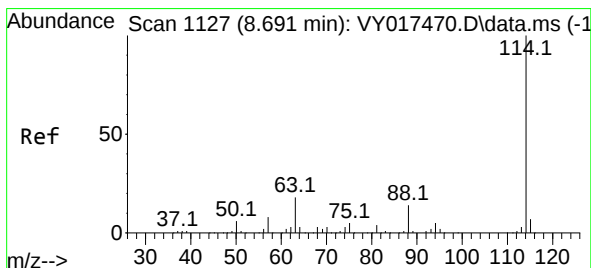
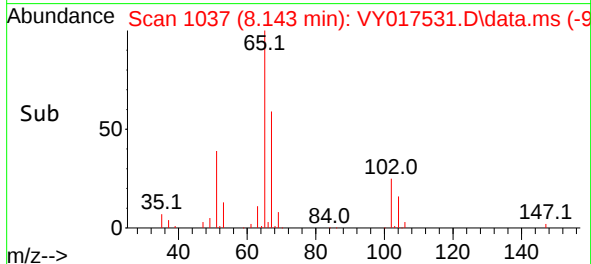
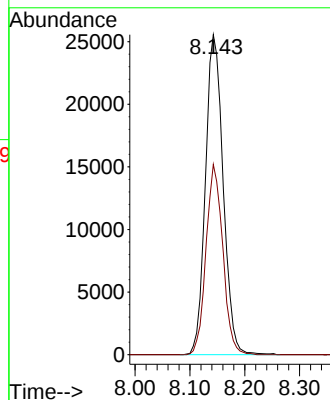
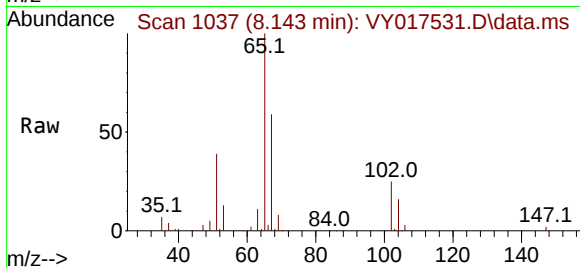
HD-02-022824

Tgt Ion: 65 Resp: 57282

Ion Ratio Lower Upper

65 100

67 56.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017531.D

Acq: 29 Feb 2024 16:30

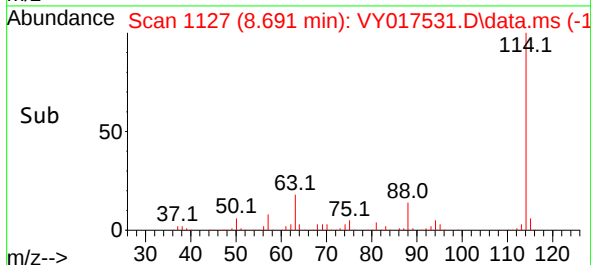
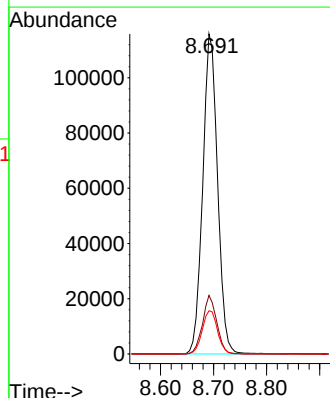
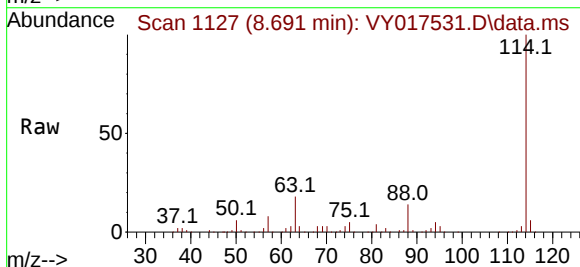
Tgt Ion: 114 Resp: 224241

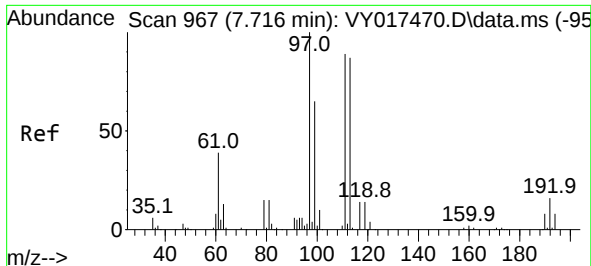
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 46.087 ug/l

RT: 7.722 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY017531.D

Acq: 29 Feb 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-022824

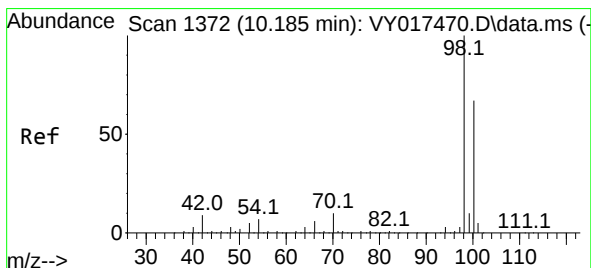
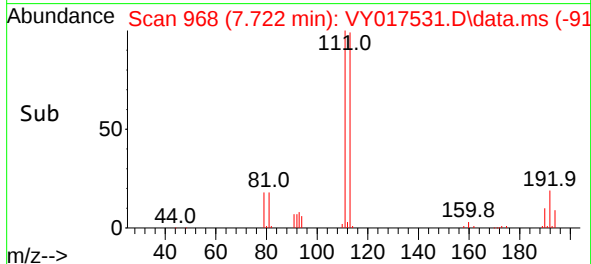
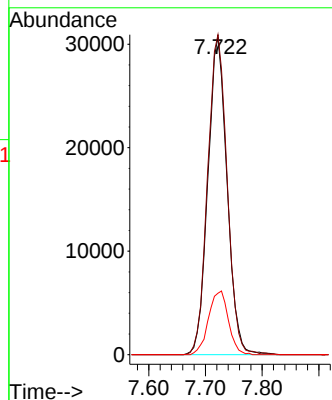
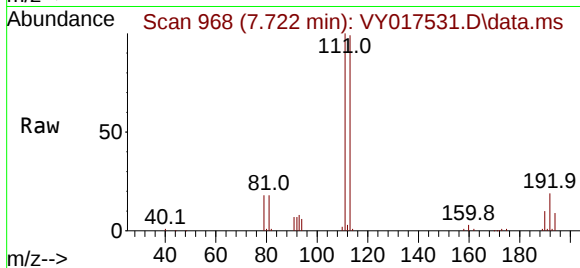
Tgt Ion:113 Resp: 72015

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 20.8 15.9 23.9



#50

Toluene-d8

Concen: 47.207 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017531.D

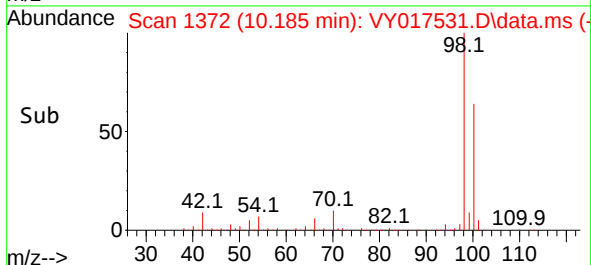
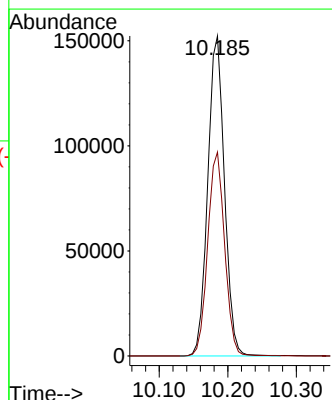
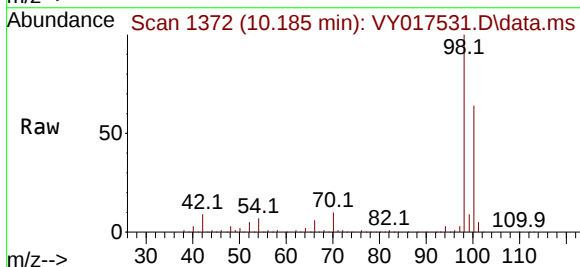
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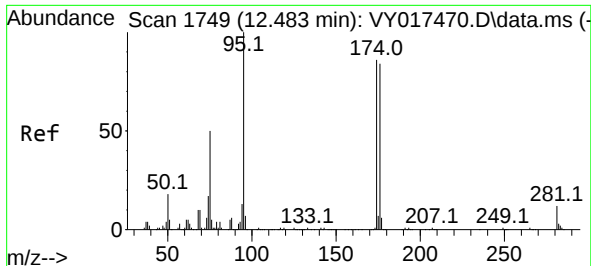
Tgt Ion: 98 Resp: 257908

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

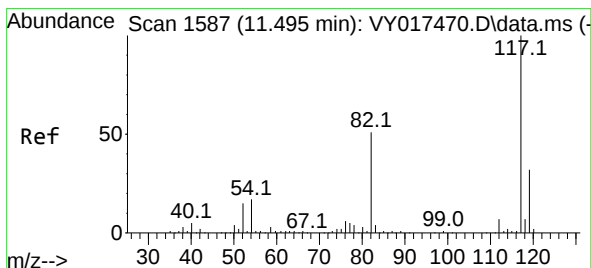
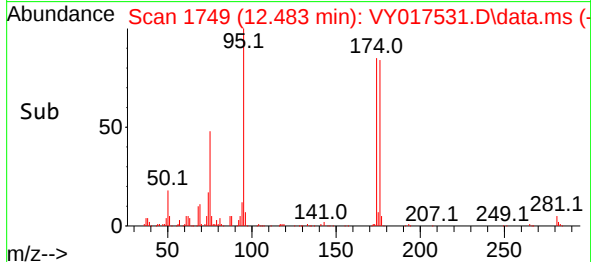
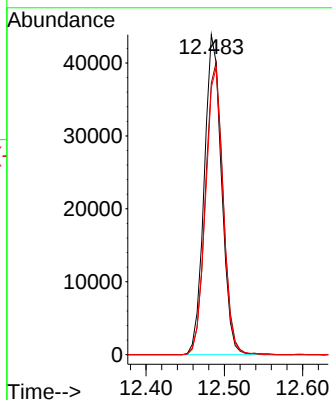
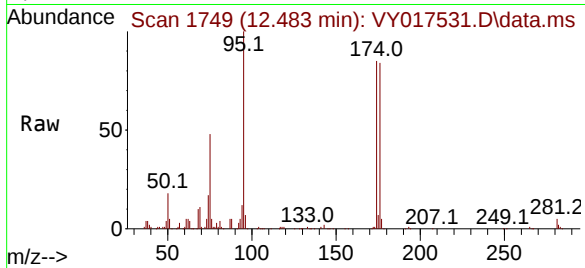




#62
4-Bromofluorobenzene
Concen: 39.146 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017531.D
Acq: 29 Feb 2024 16:30

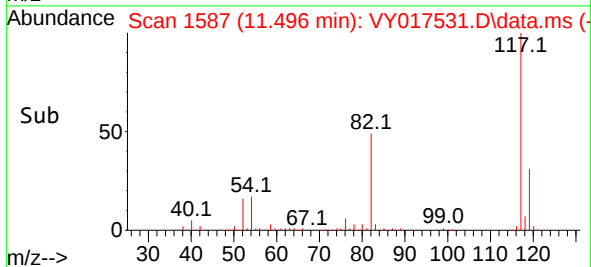
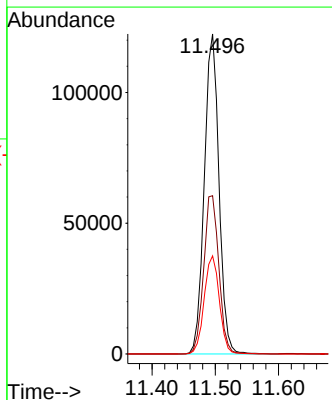
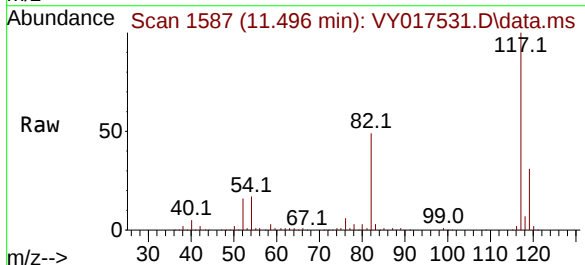
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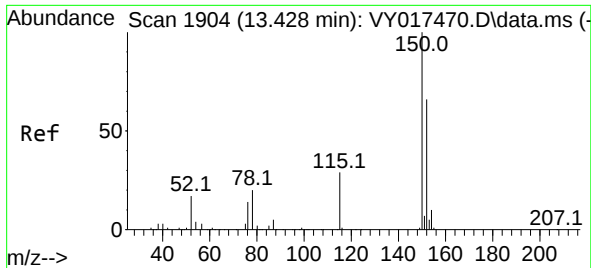
Tgt Ion: 95 Resp: 67213
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 90.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017531.D
Acq: 29 Feb 2024 16:30

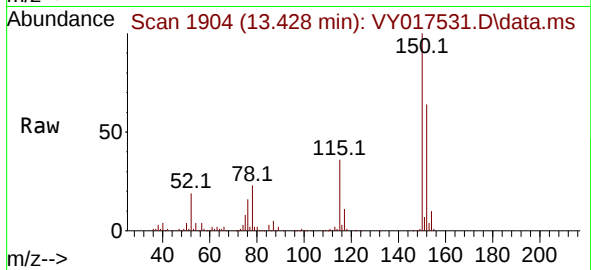
Tgt Ion: 117 Resp: 197587
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 30.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017531.D
 Acq: 29 Feb 2024 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-022824



Tgt Ion:152 Resp: 71571
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 157.2 0.0 345.6

