

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017518.D
 Acq On : 28 Feb 2024 14:01
 Operator : SY/MD
 Sample : P1616-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 146-BAY-AVENUE

Quant Time: Feb 28 23:13:18 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	7.789	168	2332	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	3189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1124	50.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.720%
35) Dibromofluoromethane	7.728	113	817	36.765	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.540%
50) Toluene-d8	10.185	98	3352	43.142	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.280%
62) 4-Bromofluorobenzene	12.483	95	429	17.569	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	35.140%

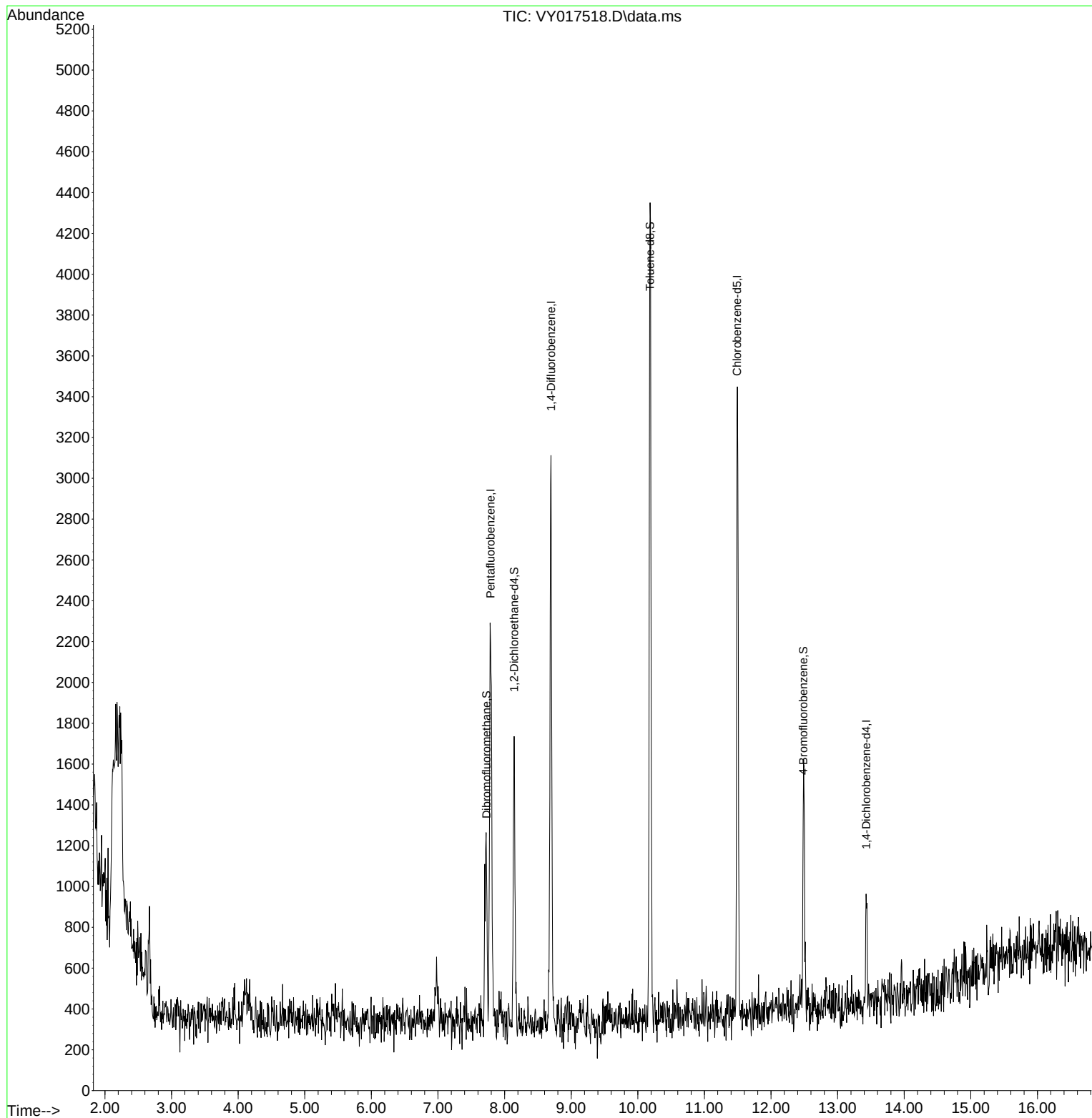
Target Compounds	Qvalue

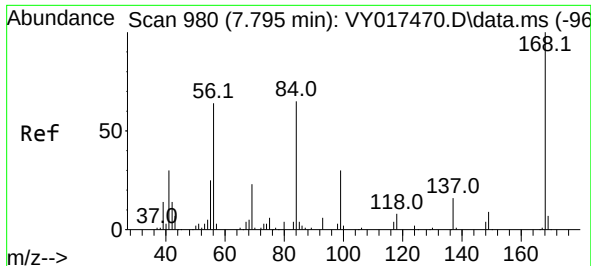
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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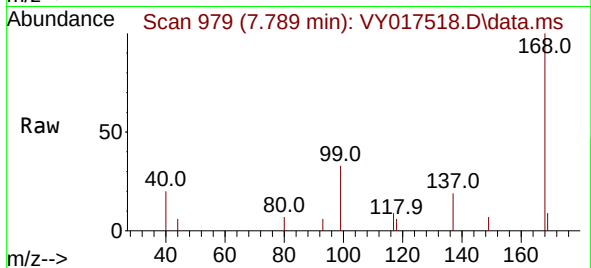
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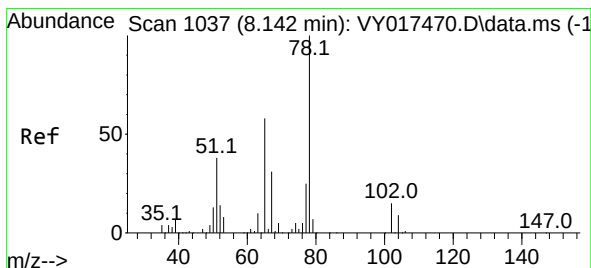
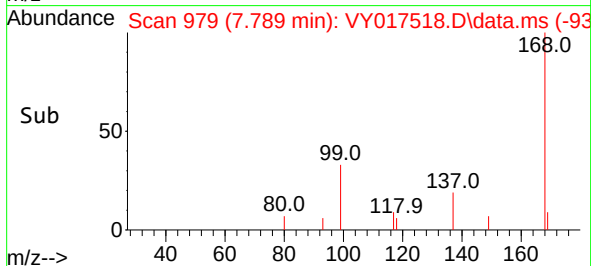
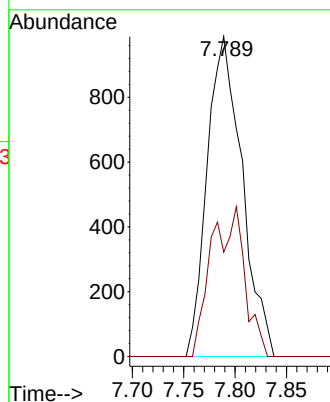


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017518.D
Acq: 28 Feb 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

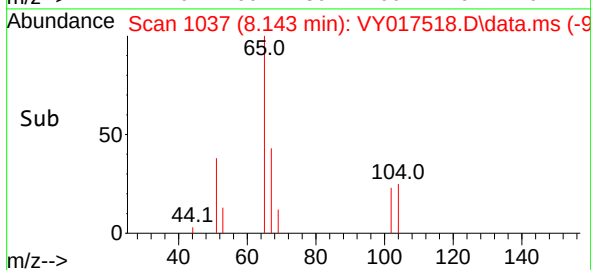
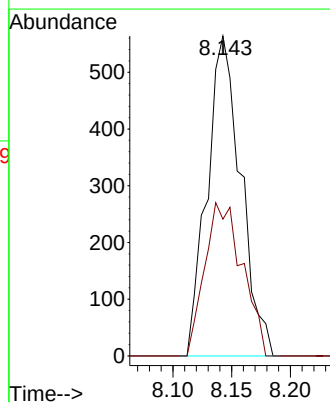
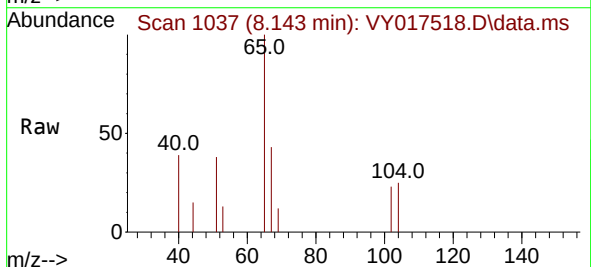


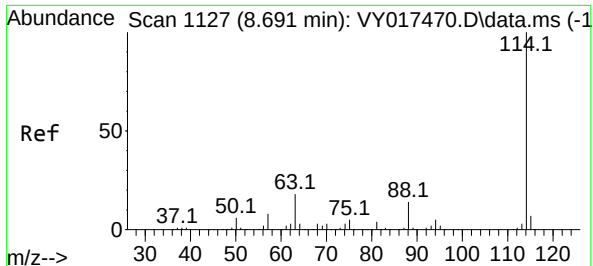
Tgt Ion:168 Resp: 2332
Ion Ratio Lower Upper
168 100
99 32.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 50.857 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017518.D
Acq: 28 Feb 2024 14:01

Tgt Ion: 65 Resp: 1124
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017518.D

Acq: 28 Feb 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

146-BAY-AVENUE

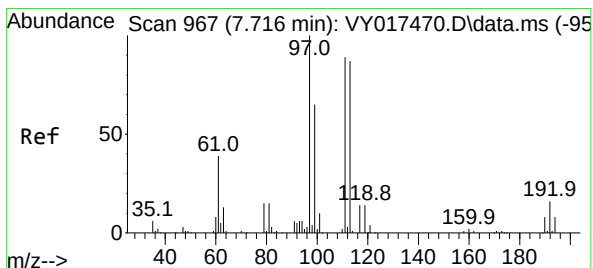
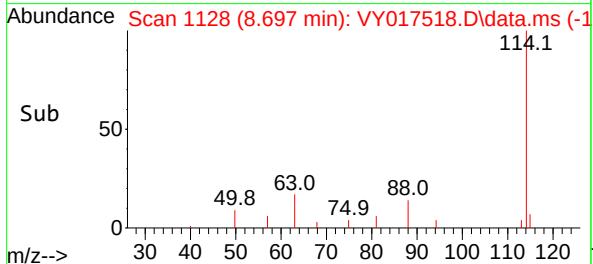
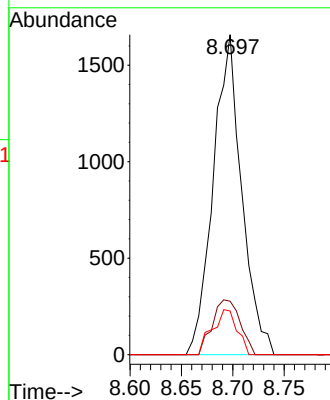
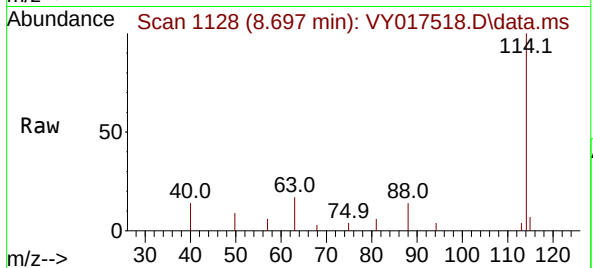
Tgt Ion:114 Resp: 3189

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 36.765 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017518.D

Acq: 28 Feb 2024 14:01

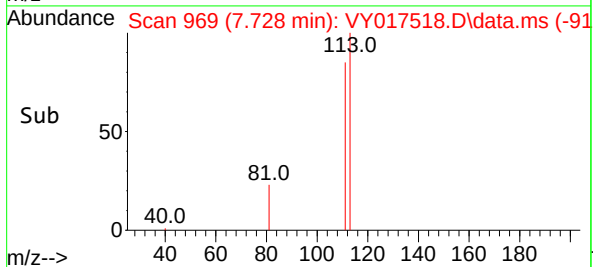
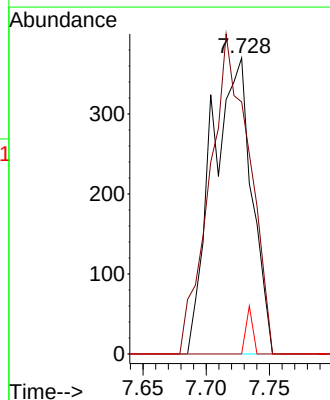
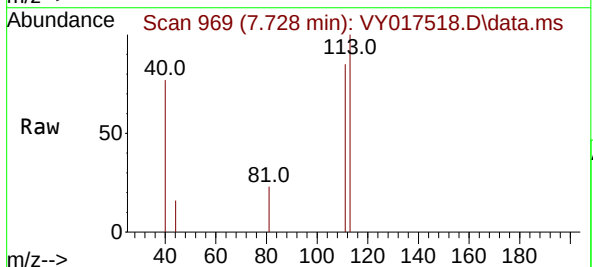
Tgt Ion:113 Resp: 817

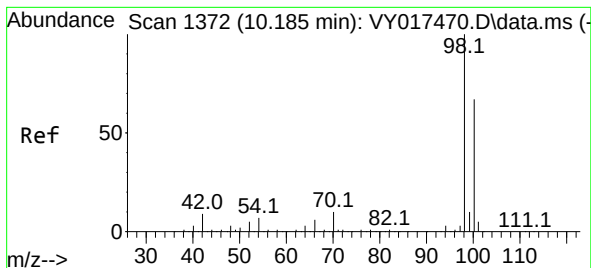
Ion Ratio Lower Upper

113 100

111 106.9 82.2 123.4

192 2.7 15.9 23.9#





#50

Toluene-d8

Concen: 43.142 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017518.D

Acq: 28 Feb 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

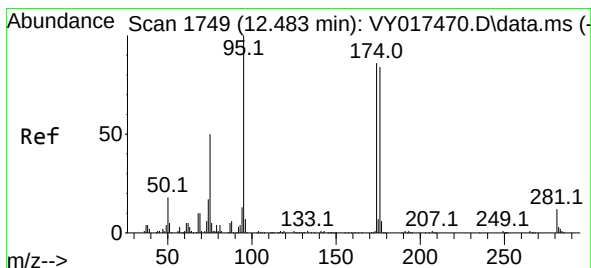
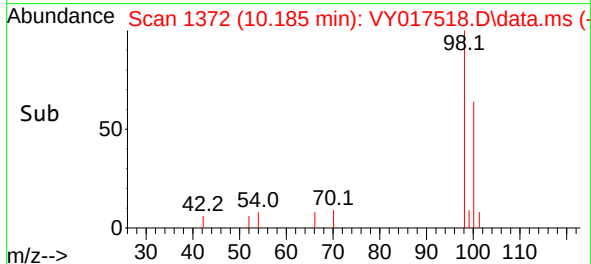
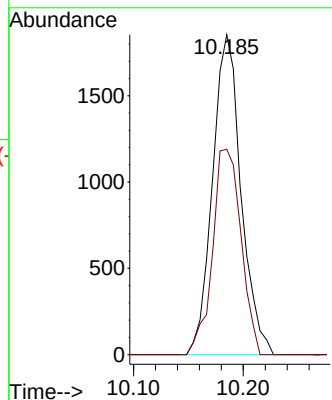
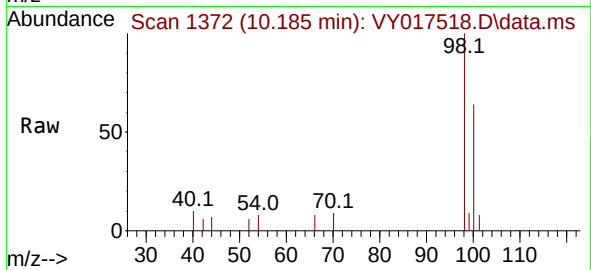
146-BAY-AVENUE

Tgt Ion: 98 Resp: 3352

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 17.569 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017518.D

Acq: 28 Feb 2024 14:01

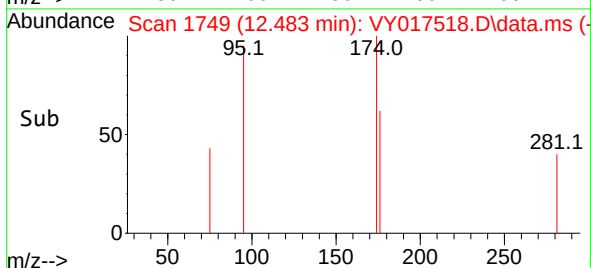
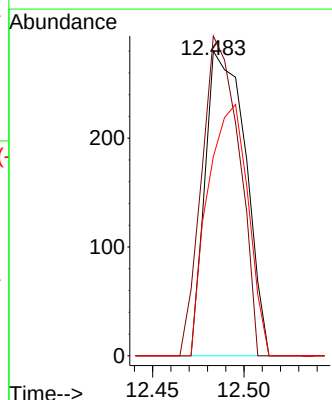
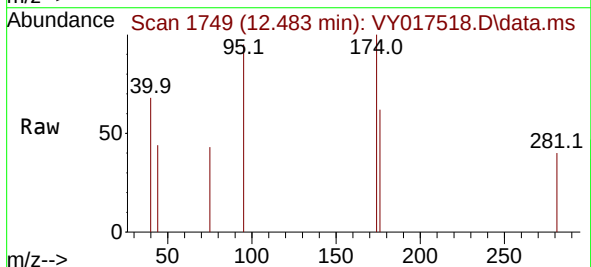
Tgt Ion: 95 Resp: 429

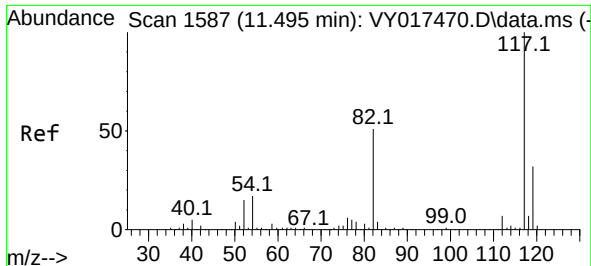
Ion Ratio Lower Upper

95 100

174 97.7 0.0 175.6

176 82.5 0.0 171.4

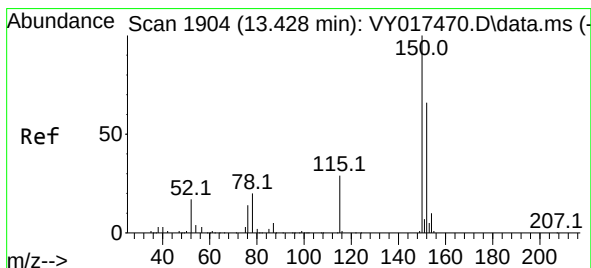
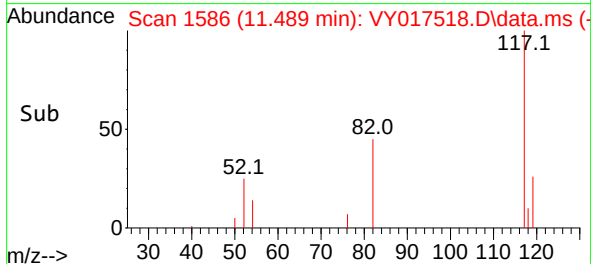
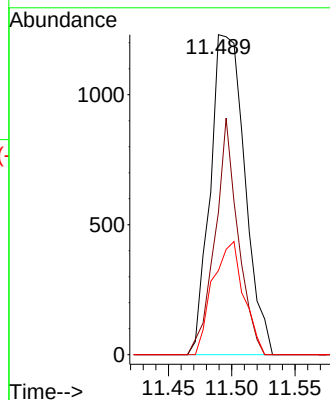
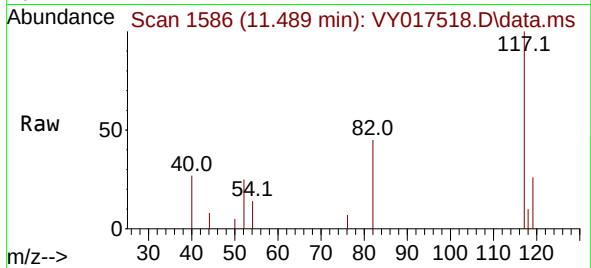




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017518.D
Acq: 28 Feb 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

Tgt Ion:117 Resp: 2337
Ion Ratio Lower Upper
117 100
82 44.5 42.4 63.6
119 26.3 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: VY017518.D
Acq: 28 Feb 2024 14:01

Tgt Ion:152 Resp: 263
Ion Ratio Lower Upper
152 100
115 65.0 28.2 84.7
150 155.9 0.0 345.6

