

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017516.D
 Acq On : 28 Feb 2024 13:14
 Operator : SY/MD
 Sample : P1610-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-02272024

Quant Time: Feb 28 23:12:37 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	7.783	168	35113	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	55930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	50218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16953	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18610	55.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.710	113	20698	53.108	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.220%
50) Toluene-d8	10.179	98	63252	46.418	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.840%
62) 4-Bromofluorobenzene	12.483	95	15725	36.719	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.440%

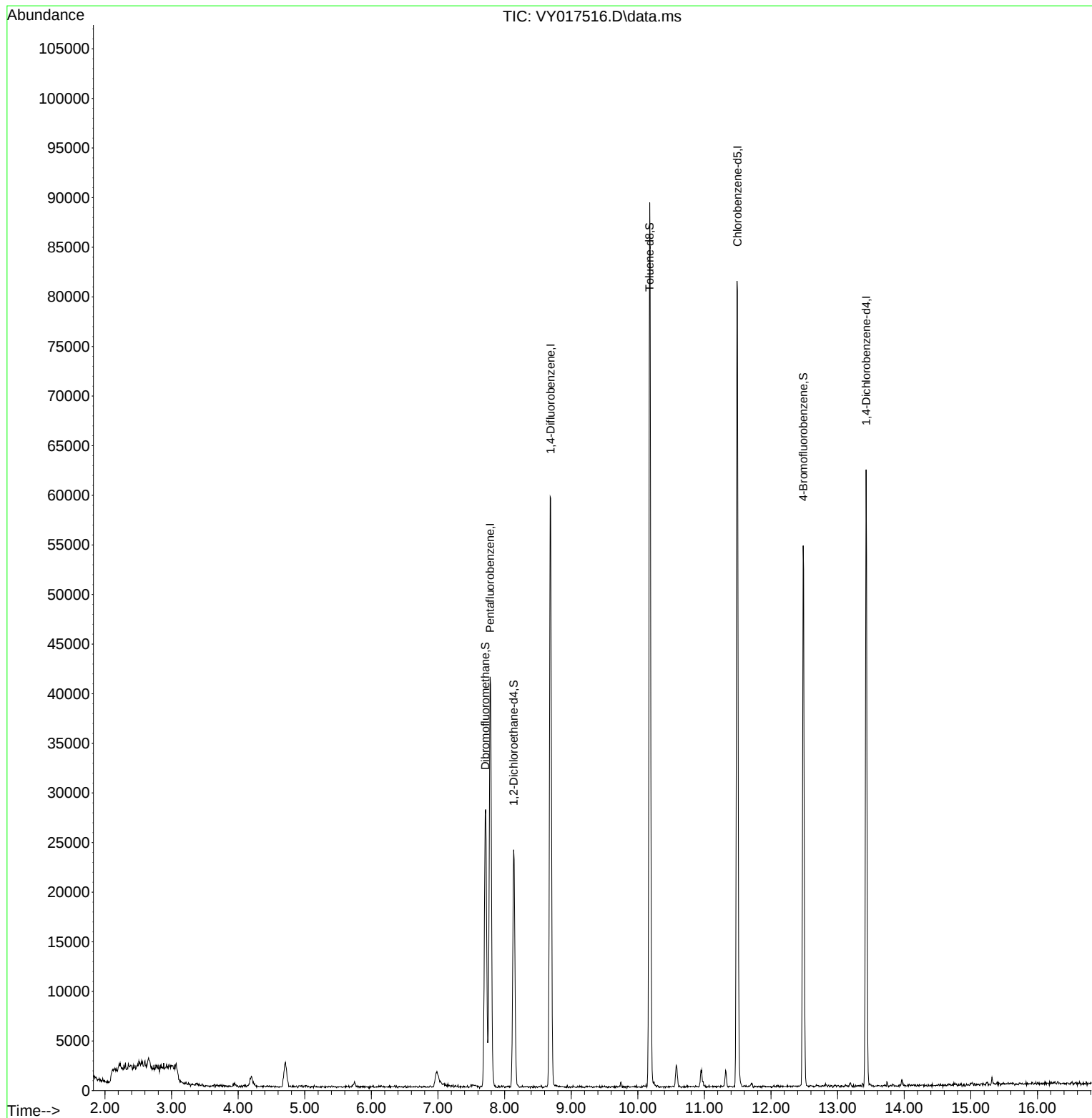
Target Compounds	Qvalue

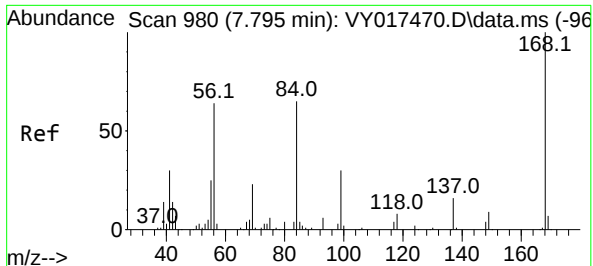
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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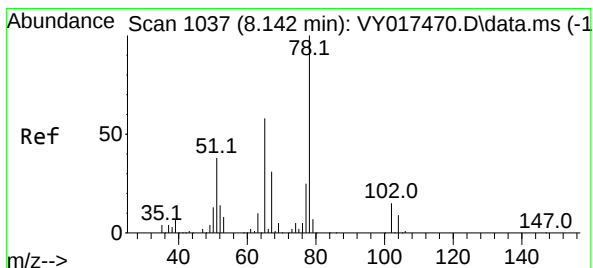
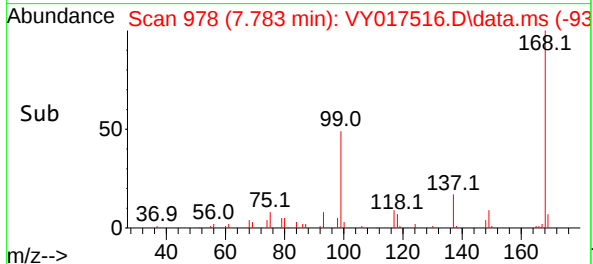
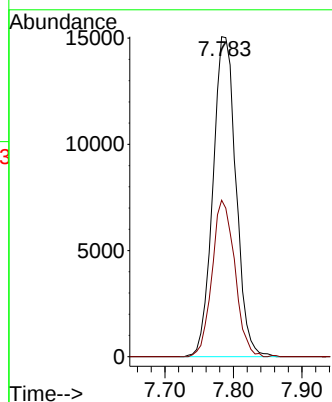
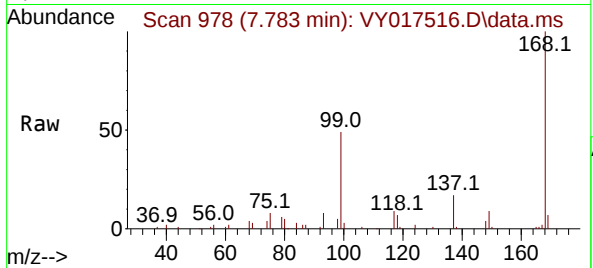




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

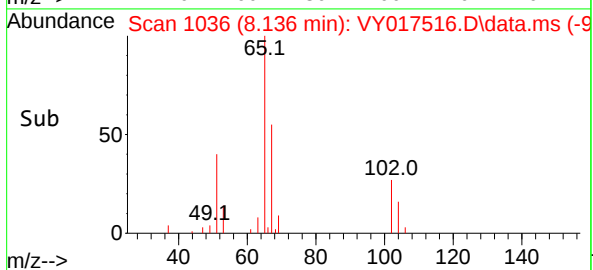
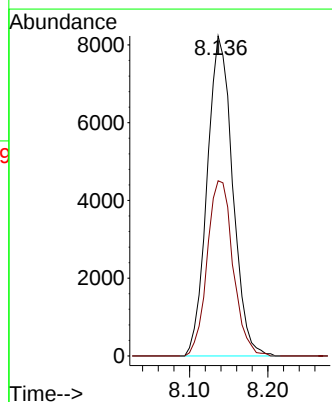
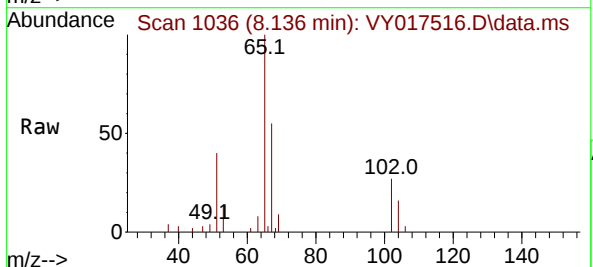
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-02272024

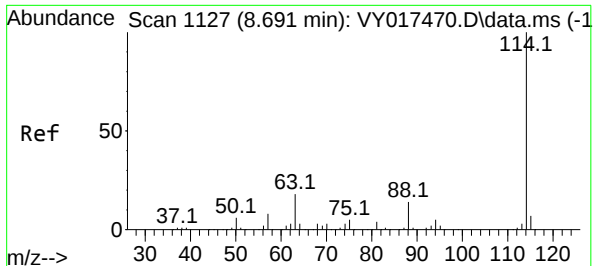
Tgt Ion:168 Resp: 35113
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.923 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

Tgt Ion: 65 Resp: 18610
Ion Ratio Lower Upper
65 100
67 55.5 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: VY017516.D

Acq: 28 Feb 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-02272024

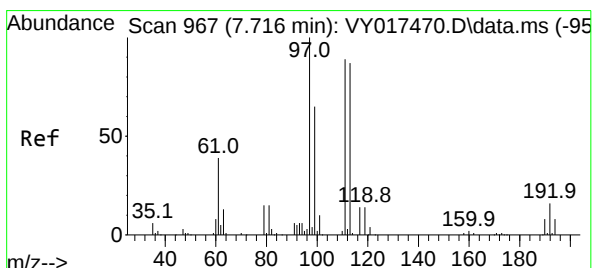
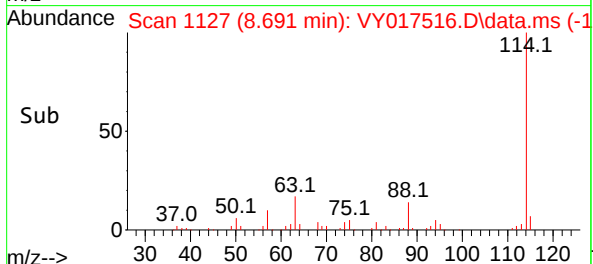
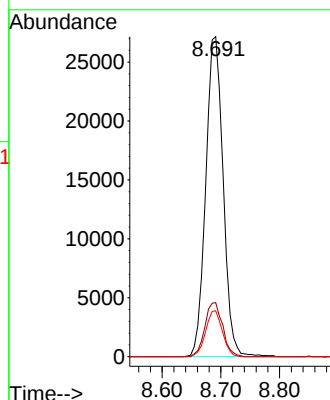
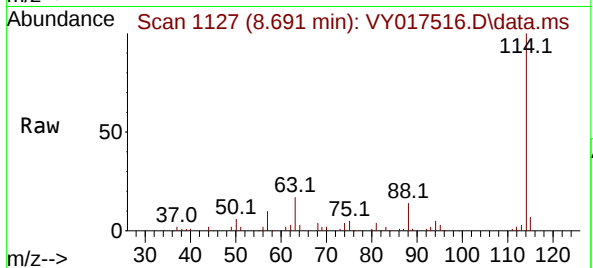
Tgt Ion:114 Resp: 55930

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.108 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017516.D

Acq: 28 Feb 2024 13:14

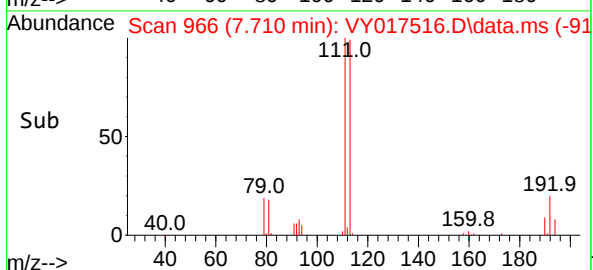
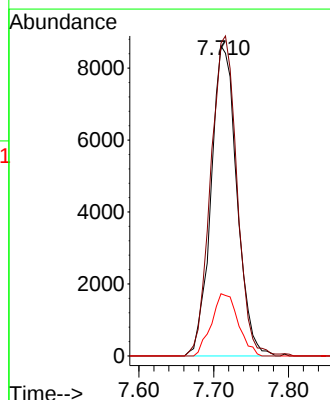
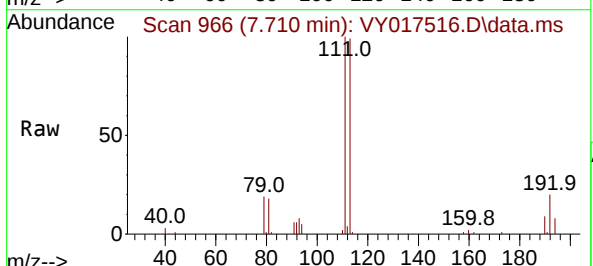
Tgt Ion:113 Resp: 20698

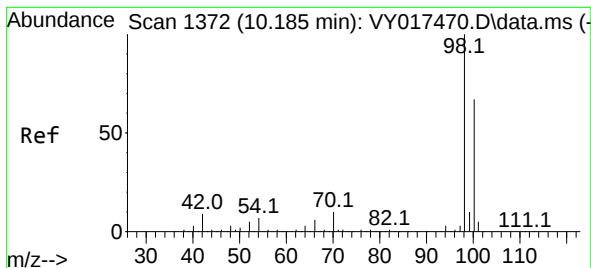
Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

192 20.7 15.9 23.9

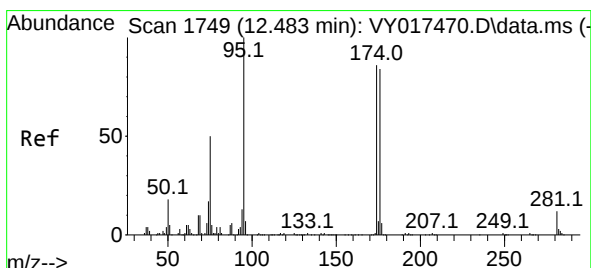
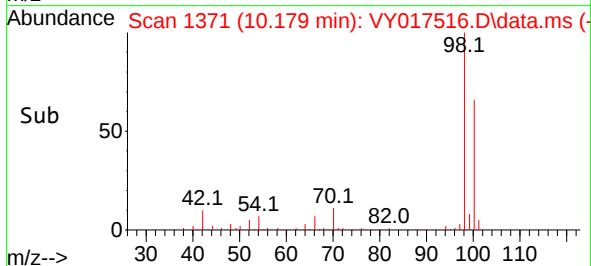
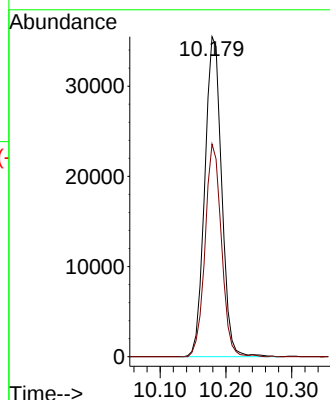
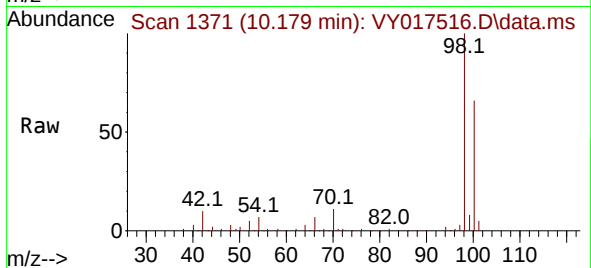




#50
Toluene-d8
Concen: 46.418 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

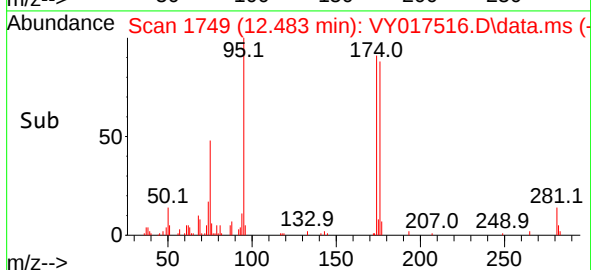
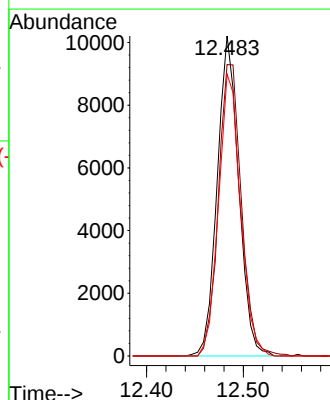
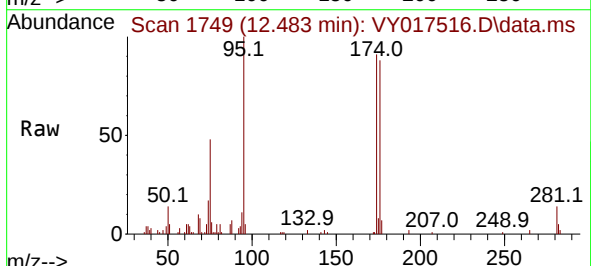
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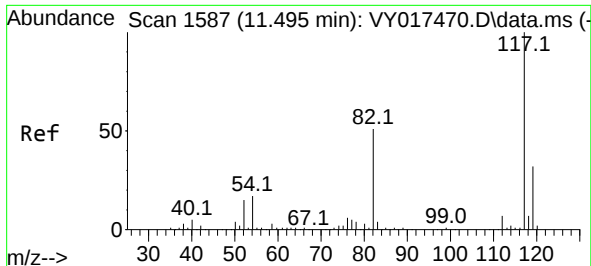
Tgt Ion: 98 Resp: 63252
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.719 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

Tgt Ion: 95 Resp: 15725
Ion Ratio Lower Upper
95 100
174 97.5 0.0 175.6
176 90.3 0.0 171.4

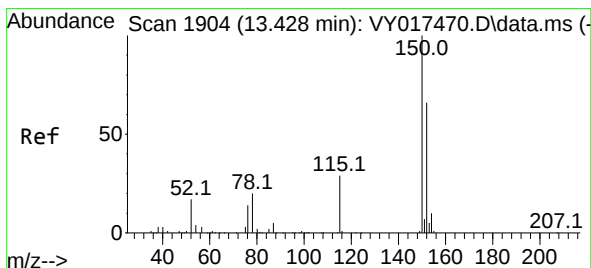
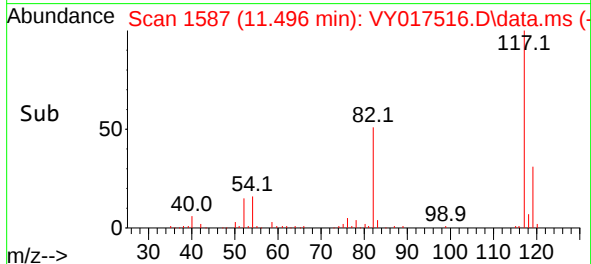
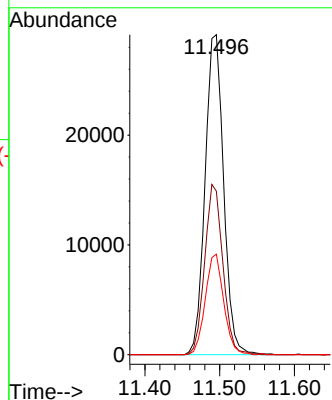
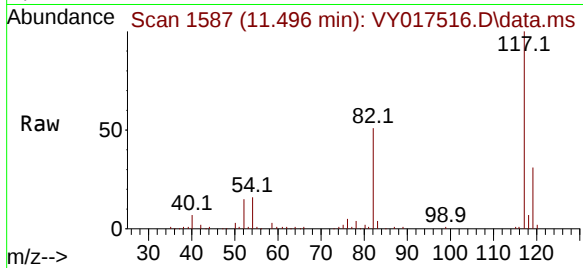




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017516.D
Acq: 28 Feb 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-02272024

Tgt Ion:117 Resp: 50218
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 31.4 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: VY017516.D
Acq: 28 Feb 2024 13:14

Tgt Ion:152 Resp: 16953
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 160.2 0.0 345.6

