

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019384.D
 Acq On : 29 Aug 2024 21:23
 Operator : SY/MD
 Sample : P3739-15RE
 Misc : 4.63g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOCRE

Quant Time: Aug 30 04:51:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	194303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	357102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	122188	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	109572	59.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.080%
35) Dibromofluoromethane	7.628	113	111865	49.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.103	98	402477	48.426	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.402	95	104971	39.050	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.100%

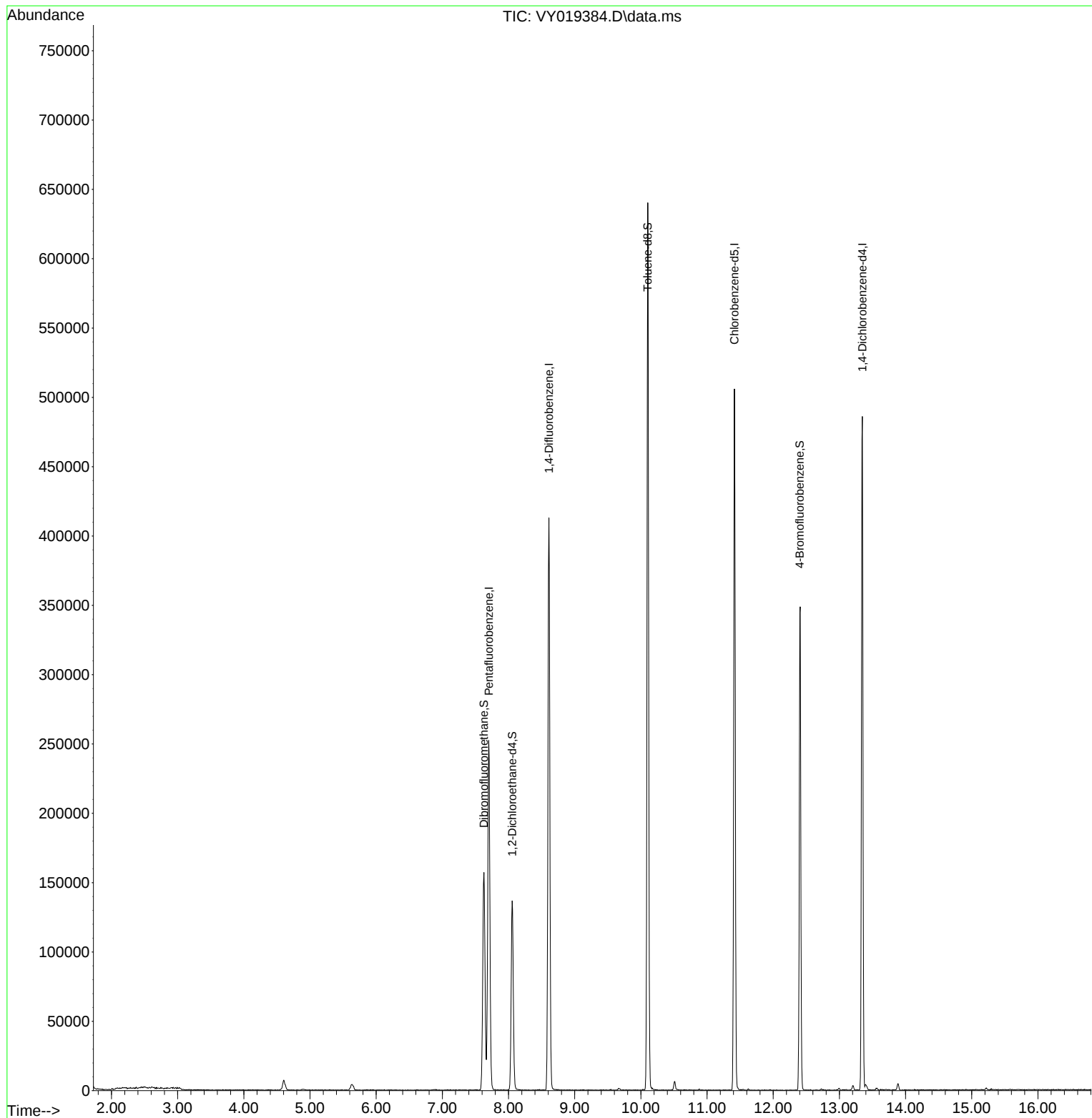
Target Compounds	Qvalue

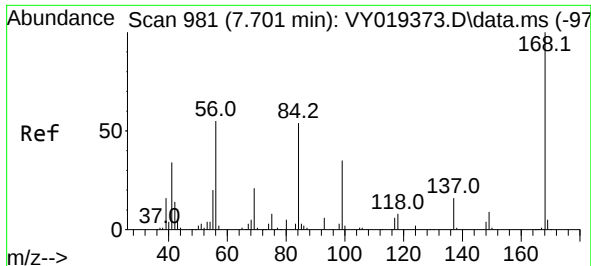
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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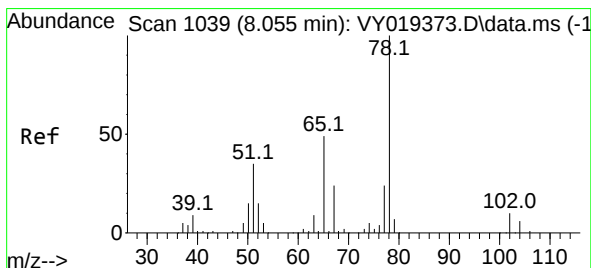
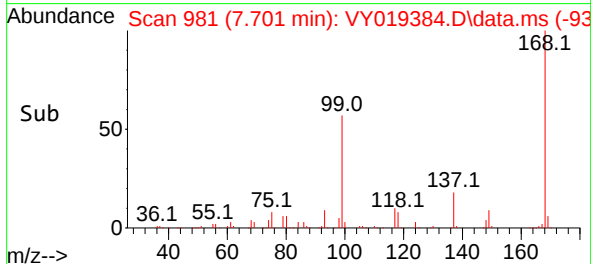
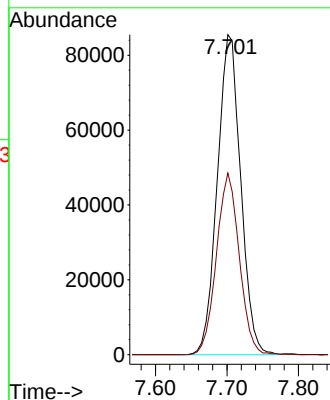
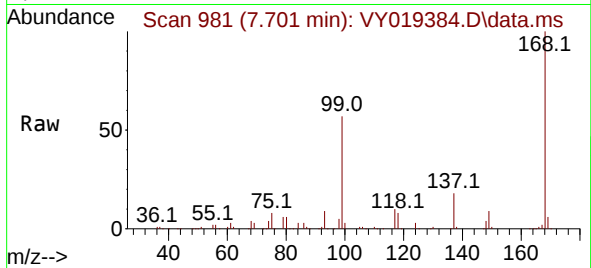




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

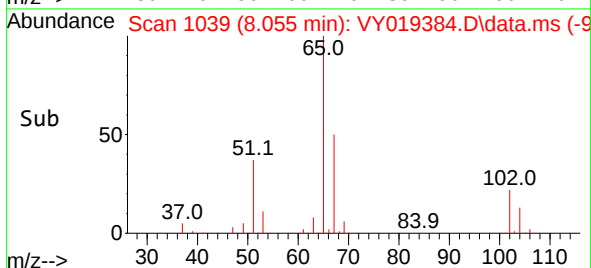
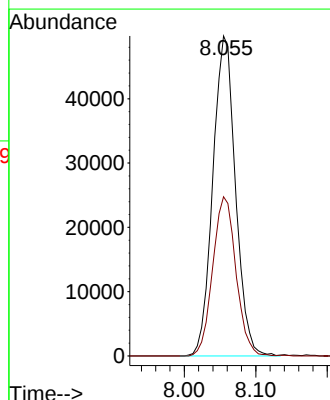
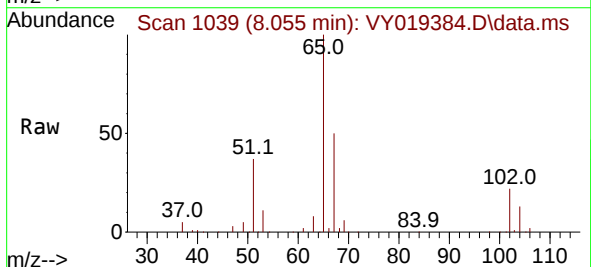
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOCRE

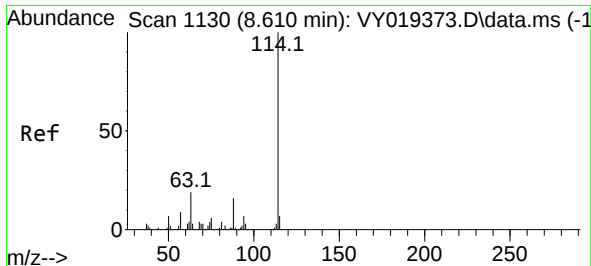
Tgt Ion:168 Resp: 194303
Ion Ratio Lower Upper
168 100
99 56.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 59.537 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

Tgt Ion: 65 Resp: 109572
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019384.D

Acq: 29 Aug 2024 21:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-3-VOCRE

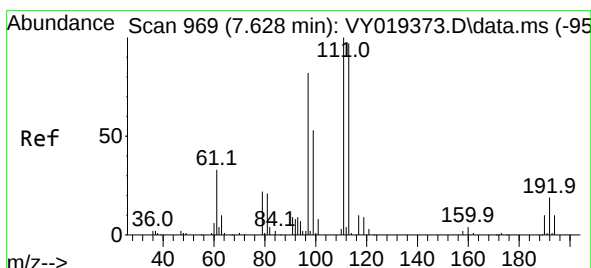
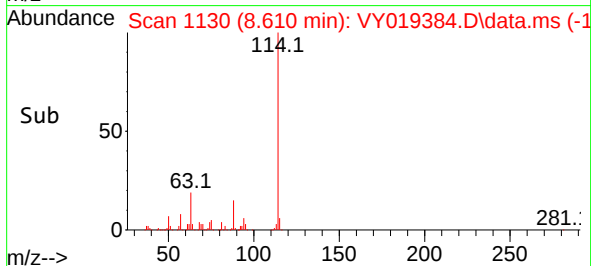
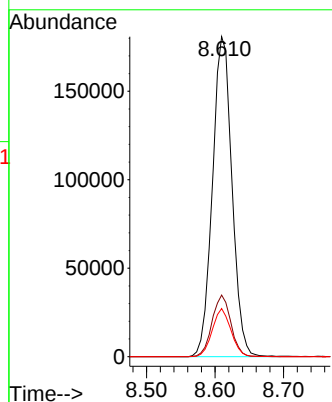
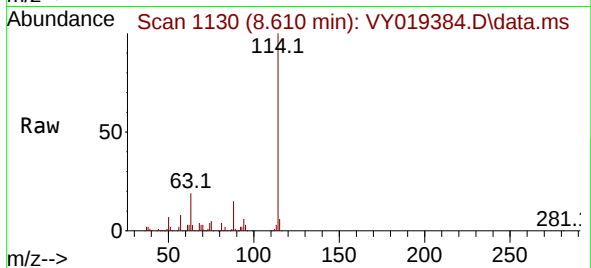
Tgt Ion:114 Resp: 357102

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.548 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY019384.D

Acq: 29 Aug 2024 21:23

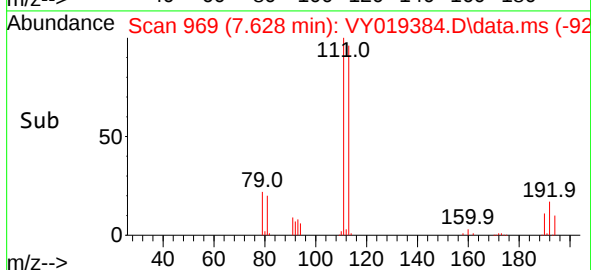
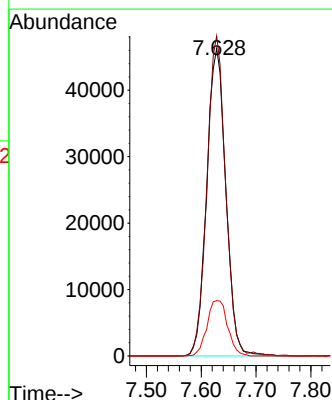
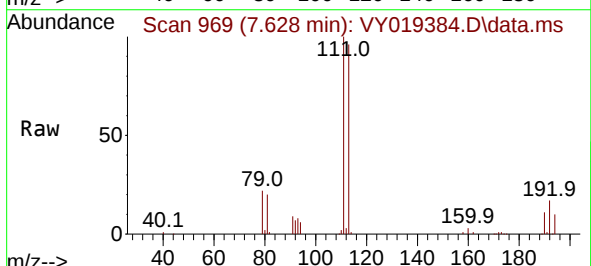
Tgt Ion:113 Resp: 111865

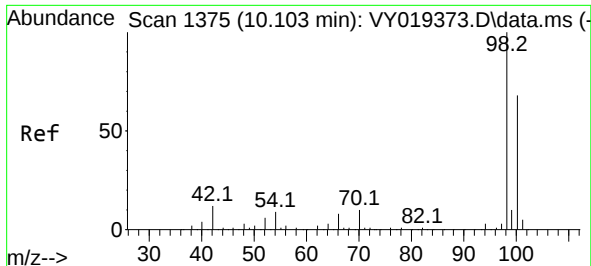
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

192 19.4 15.9 23.9

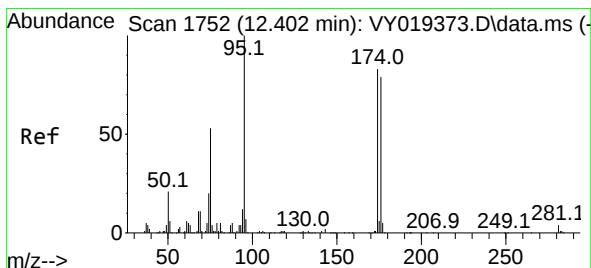
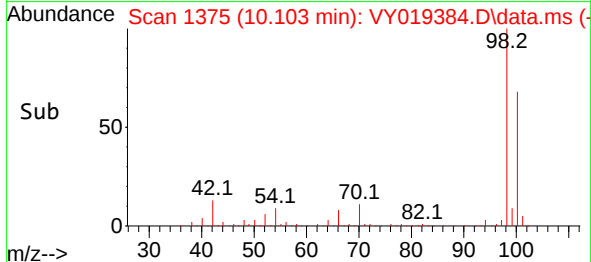
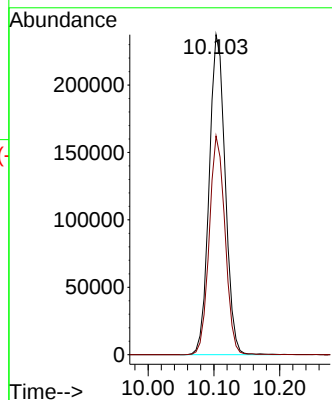
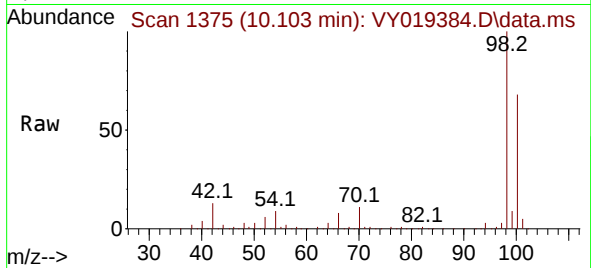




#50
Toluene-d8
Concen: 48.426 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

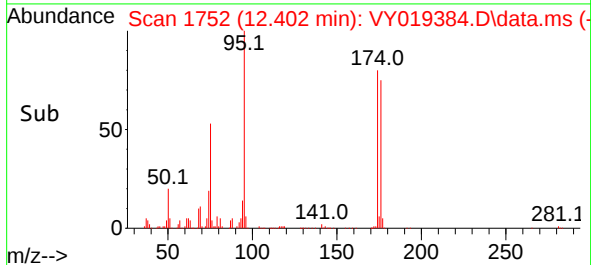
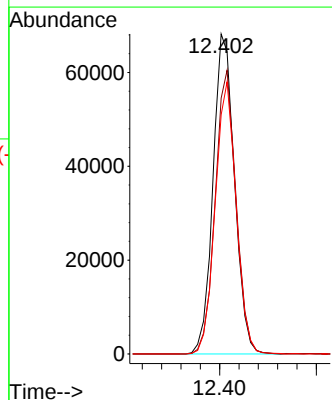
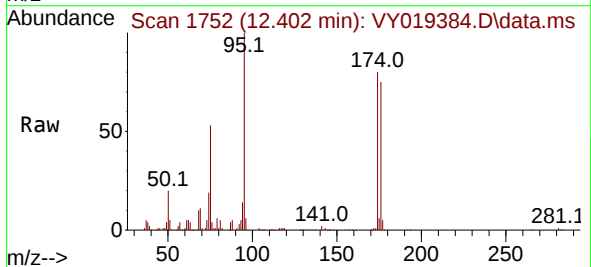
Instrument :
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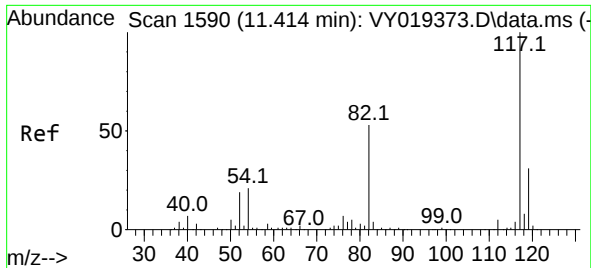
Tgt Ion: 98 Resp: 402477
Ion Ratio Lower Upper
98 100
100 67.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.050 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

Tgt Ion: 95 Resp: 104971
Ion Ratio Lower Upper
95 100
174 86.3 0.0 175.6
176 83.1 0.0 171.4

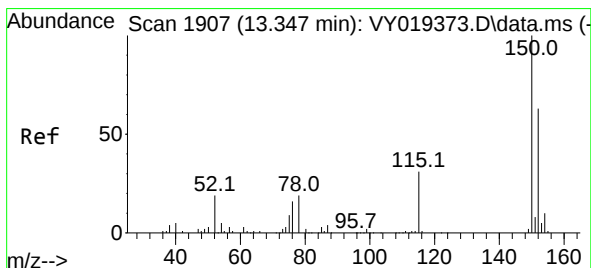
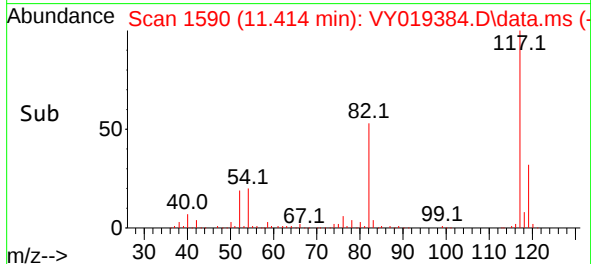
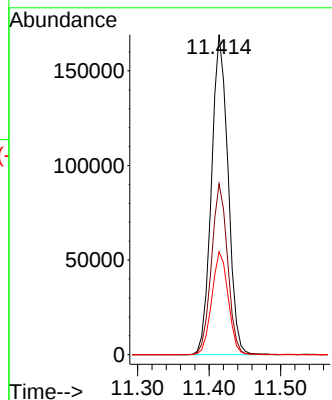
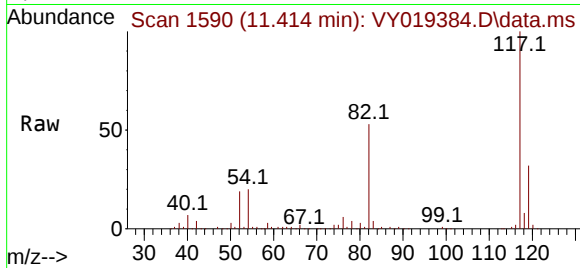




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOCRE

Tgt Ion:117 Resp: 272094
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019384.D
Acq: 29 Aug 2024 21:23

Tgt Ion:152 Resp: 122188
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 158.8 0.0 345.6

