

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019868.D
 Acq On : 11 Oct 2024 13:51
 Operator : SY/MD
 Sample : P4376-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-100924

Quant Time: Oct 14 01:46:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	200502	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	395737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	346420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	119702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	131228	53.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.320%
35) Dibromofluoromethane	7.640	113	130747	50.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.140%
50) Toluene-d8	10.109	98	474150	49.167	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.401	95	143212	41.099	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.200%

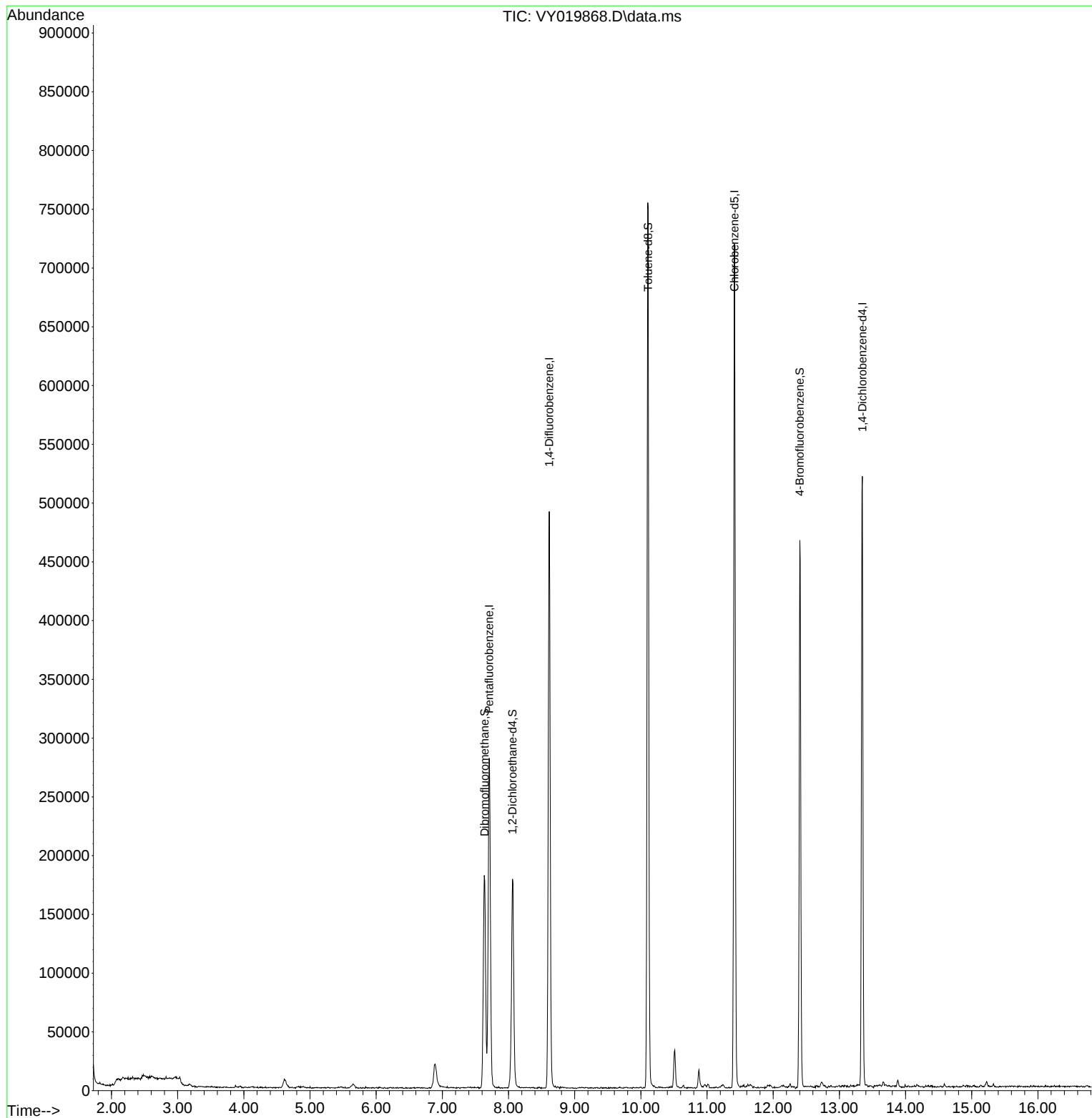
Target Compounds	Qvalue

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

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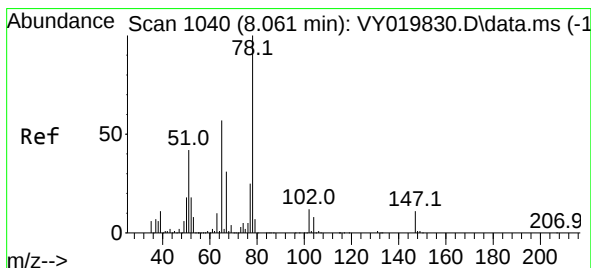
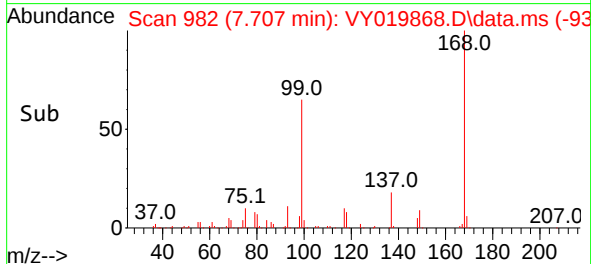
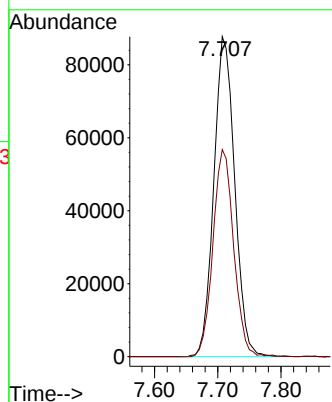
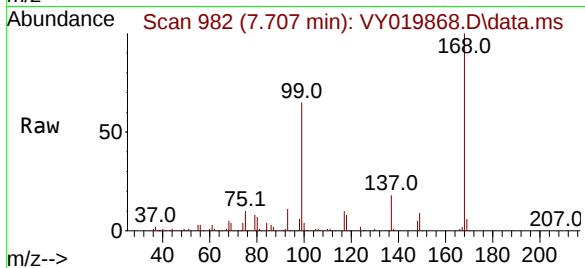




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

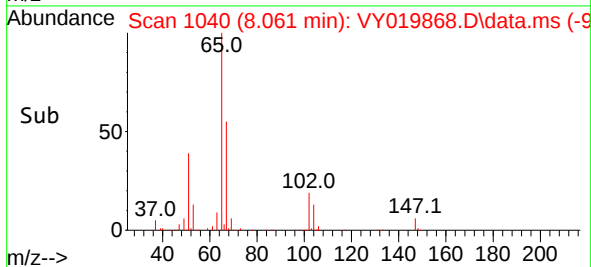
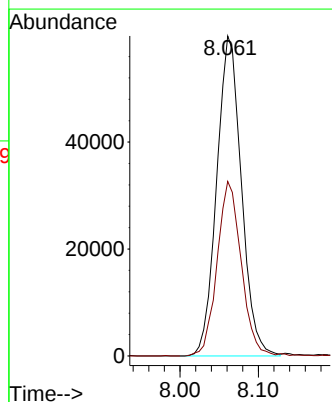
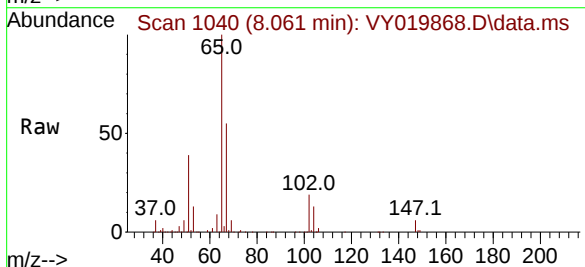
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-100924

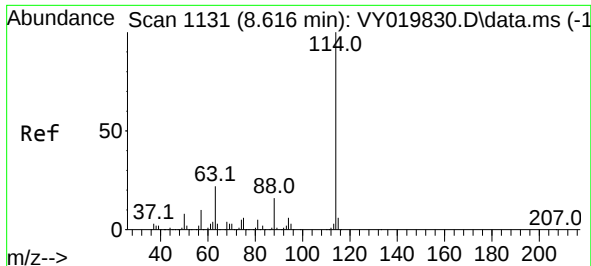
Tgt Ion:168 Resp: 200502
Ion Ratio Lower Upper
168 100
99 64.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 53.155 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 65 Resp: 131228
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019868.D

Acq: 11 Oct 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-100924

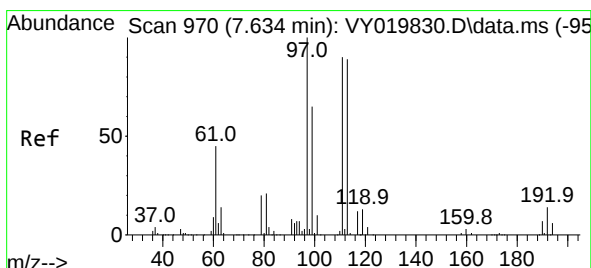
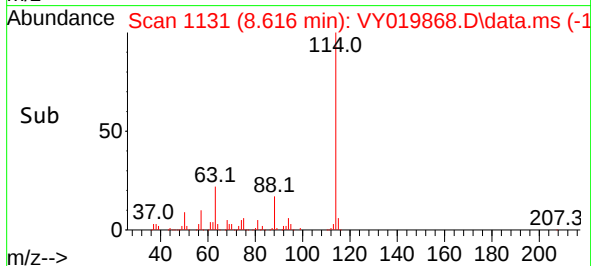
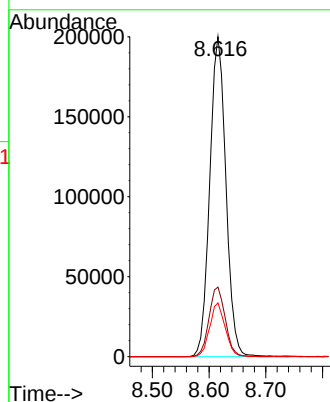
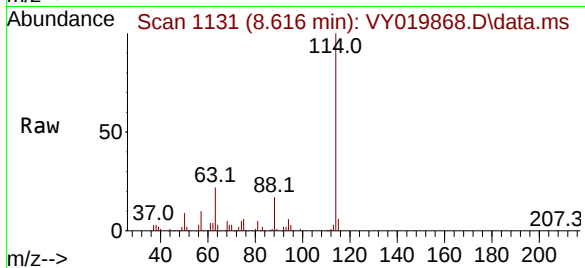
Tgt Ion:114 Resp: 395737

Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

88 16.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.067 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY019868.D

Acq: 11 Oct 2024 13:51

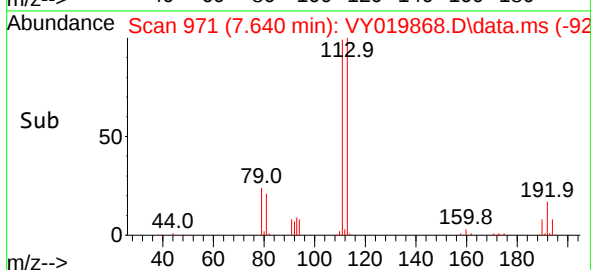
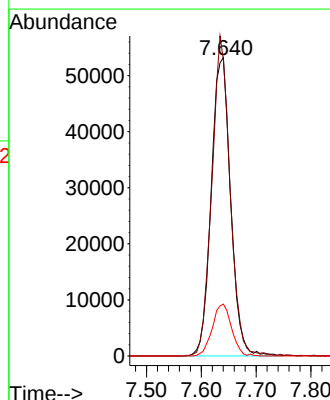
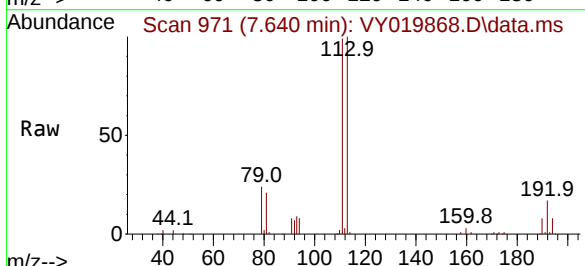
Tgt Ion:113 Resp: 130747

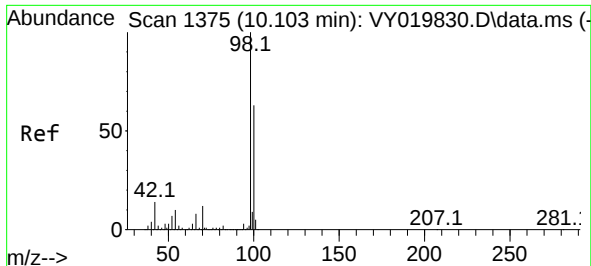
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

192 17.3 15.9 23.9

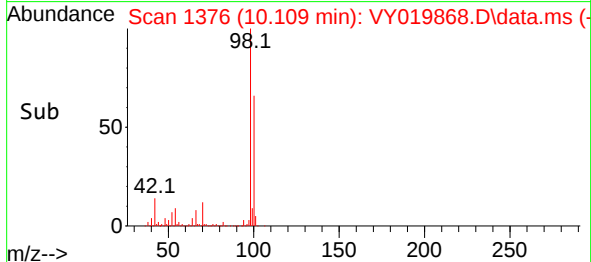
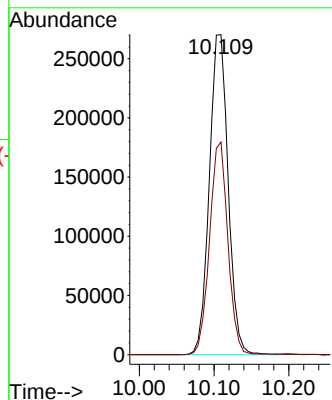
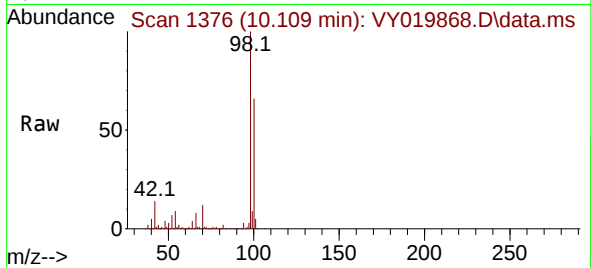




#50
Toluene-d8
Concen: 49.167 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

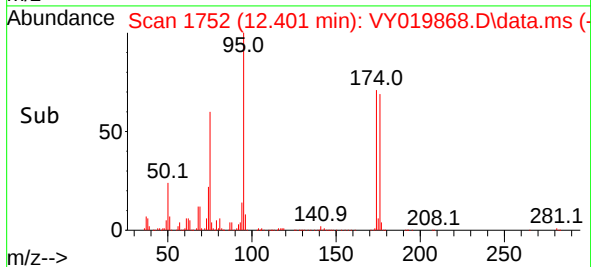
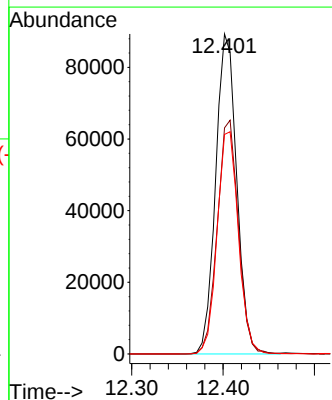
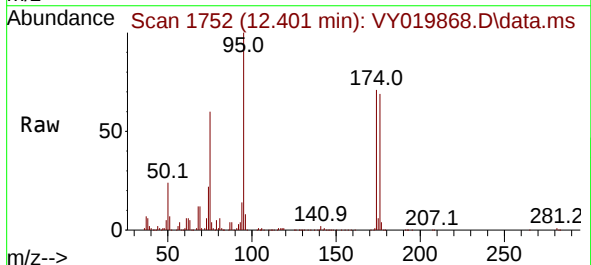
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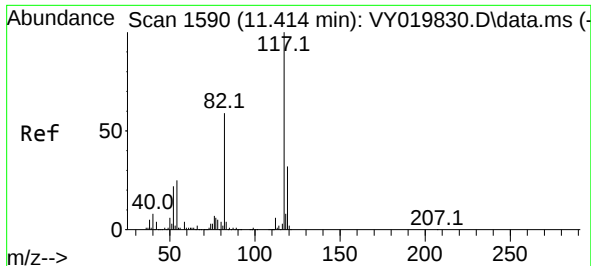
Tgt Ion: 98 Resp: 474150
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.099 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 95 Resp: 143212
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 70.3 0.0 171.4

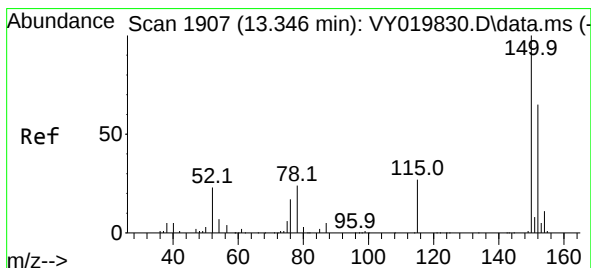
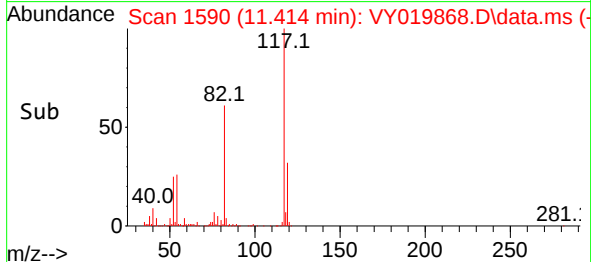
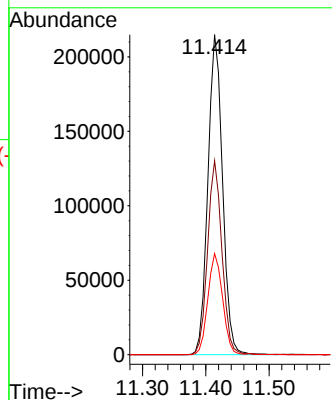
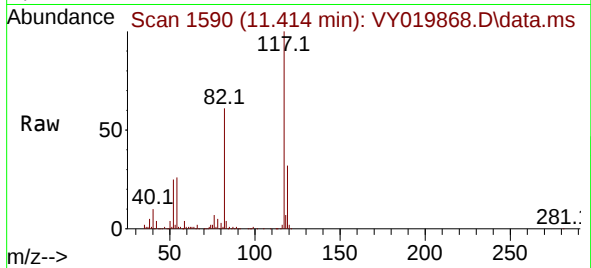




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-100924

Tgt Ion:117 Resp: 346420
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

Tgt Ion:152 Resp: 119702
Ion Ratio Lower Upper
152 100
115 62.4 28.2 84.7
150 158.4 0.0 345.6

