

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019431.D
 Acq On : 03 Sep 2024 16:00
 Operator : SY/MD
 Sample : P3797-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 207

Quant Time: Sep 03 16:30:24 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	7.707	168	96820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	167152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	141900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	48518	52.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.820%
35) Dibromofluoromethane	7.634	113	52575	49.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.109	98	185950	47.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.408	95	53910	42.845	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.680%

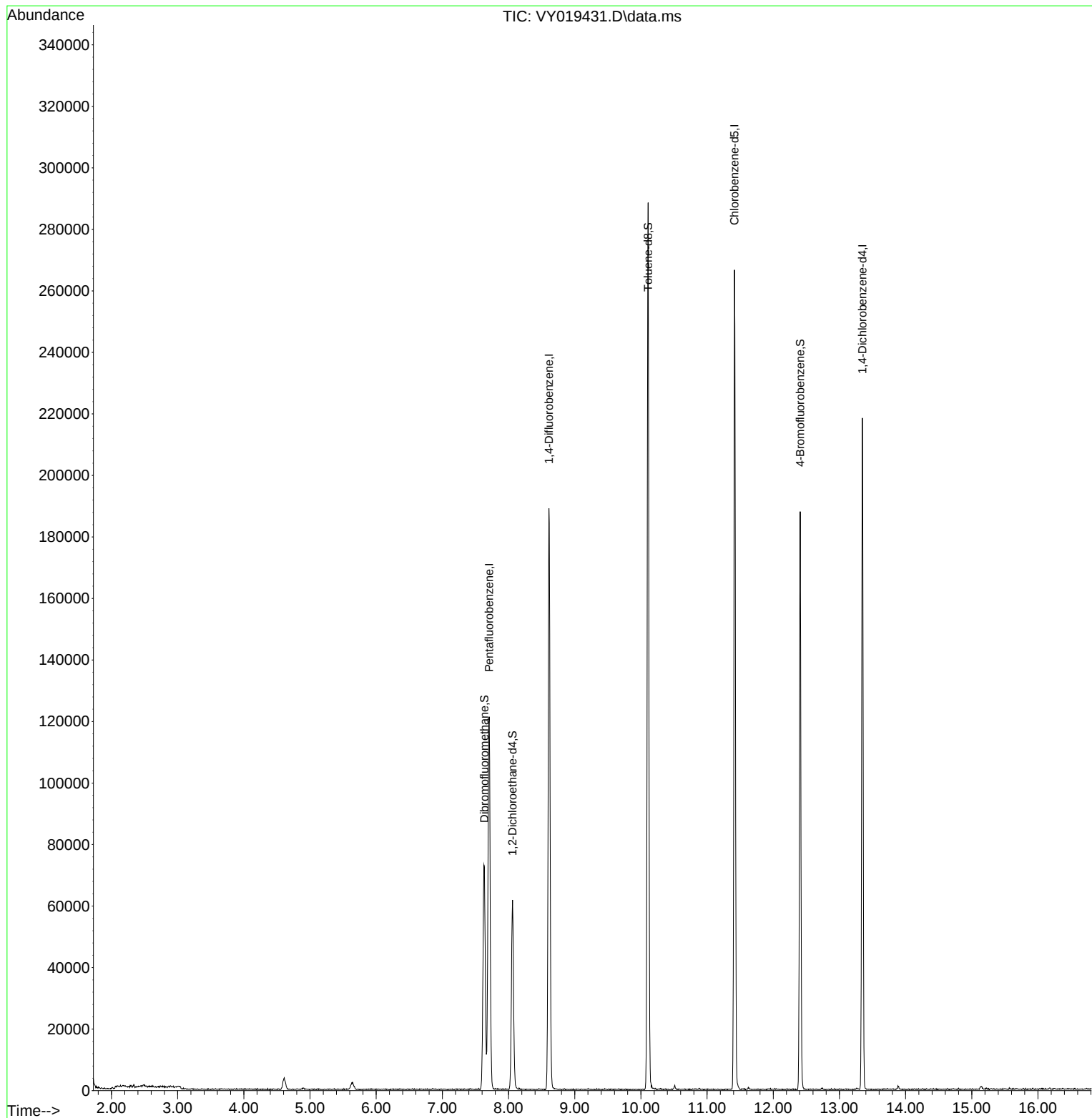
Target Compounds	Qvalue

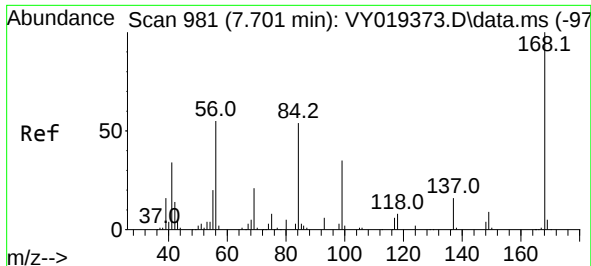
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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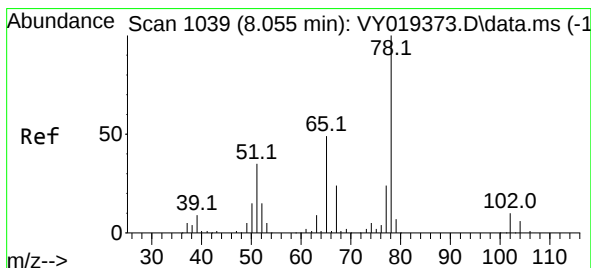
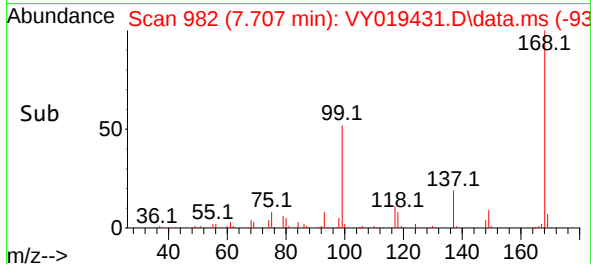
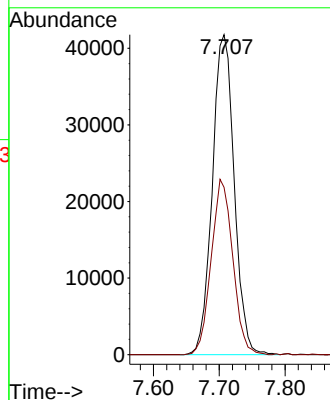
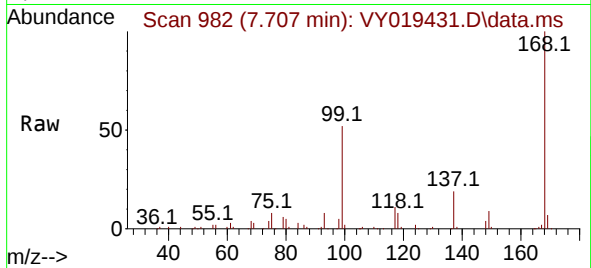




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019431.D
Acq: 03 Sep 2024 16:00

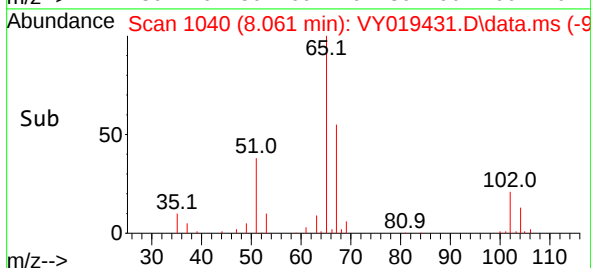
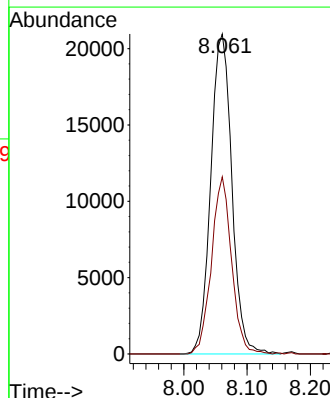
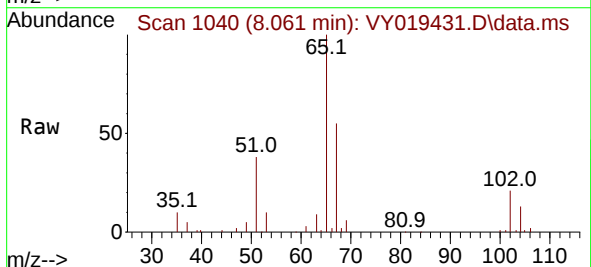
Instrument :
MSVOA_Y
ClientSampleId :
207

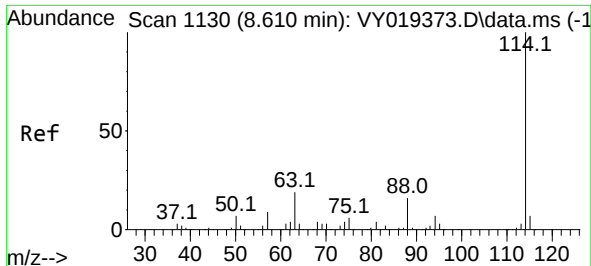
Tgt Ion:168 Resp: 96820
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.906 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019431.D
Acq: 03 Sep 2024 16:00

Tgt Ion: 65 Resp: 48518
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019431.D

Acq: 03 Sep 2024 16:00

Instrument :

MSVOA_Y

ClientSampleId :

207

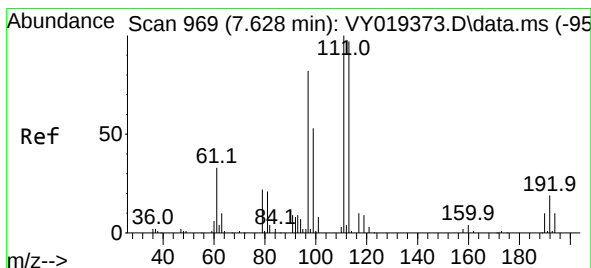
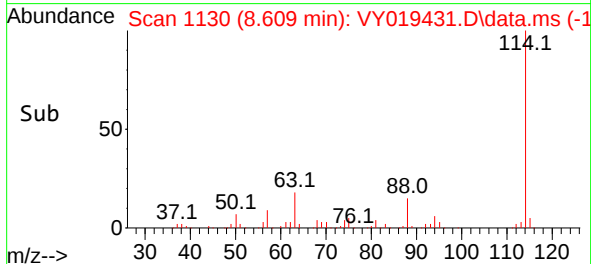
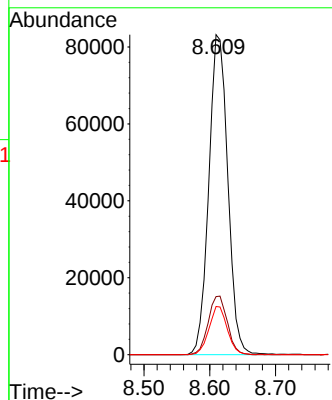
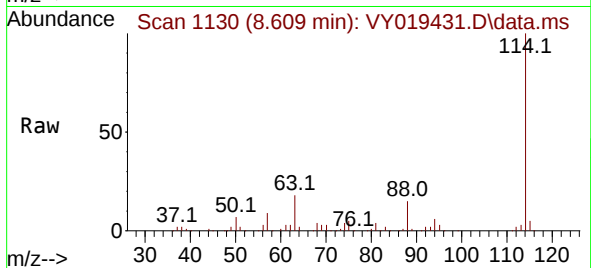
Tgt Ion:114 Resp: 167152

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.750 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY019431.D

Acq: 03 Sep 2024 16:00

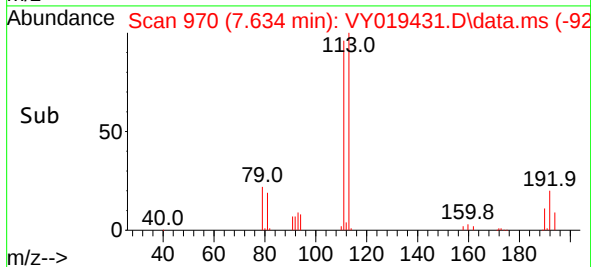
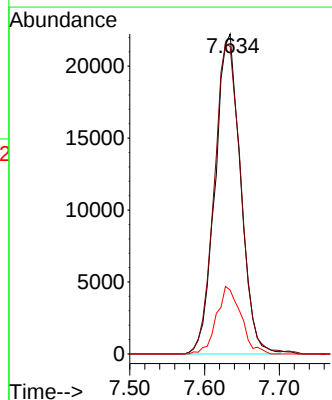
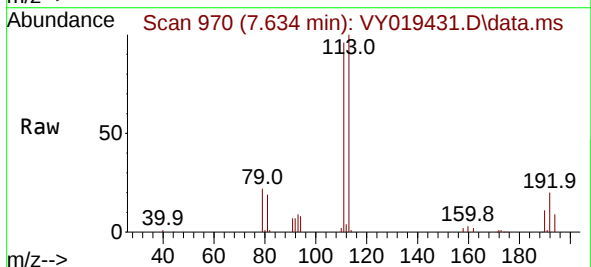
Tgt Ion:113 Resp: 52575

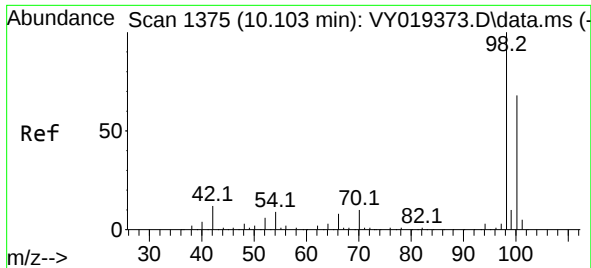
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 20.3 15.9 23.9

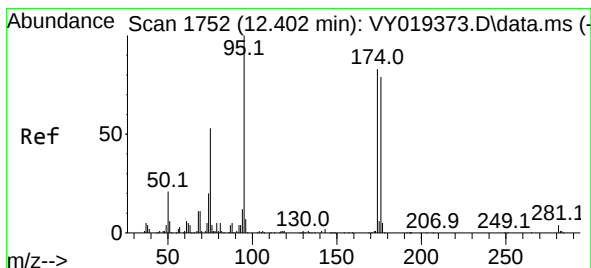
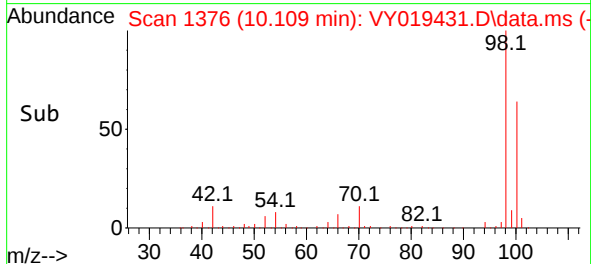
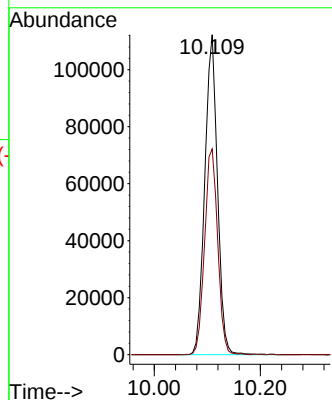
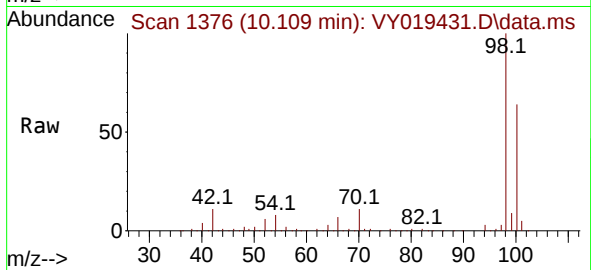




#50
Toluene-d8
Concen: 47.799 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019431.D
Acq: 03 Sep 2024 16:00

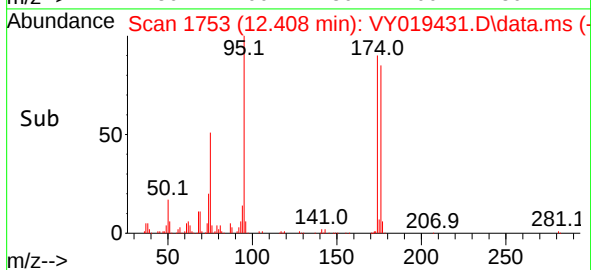
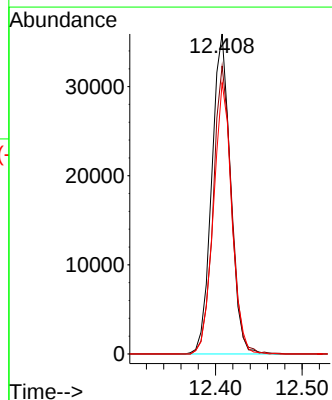
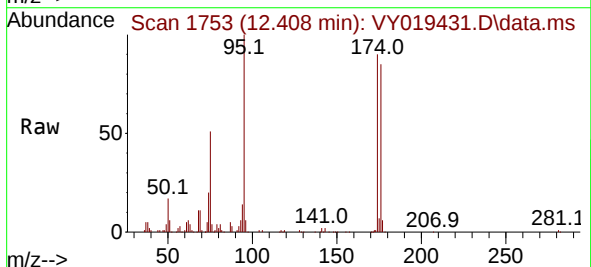
Instrument :
MSVOA_Y
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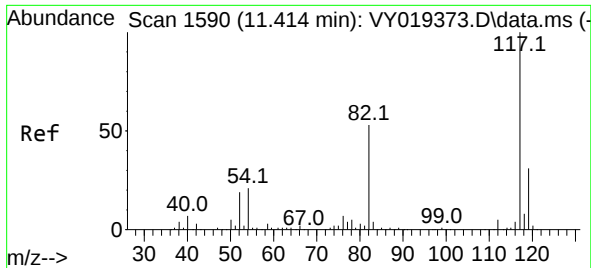
Tgt Ion: 98 Resp: 185950
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.845 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019431.D
Acq: 03 Sep 2024 16:00

Tgt Ion: 95 Resp: 53910
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.6
176 83.2 0.0 171.4

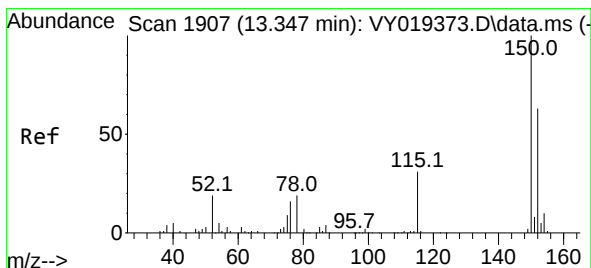
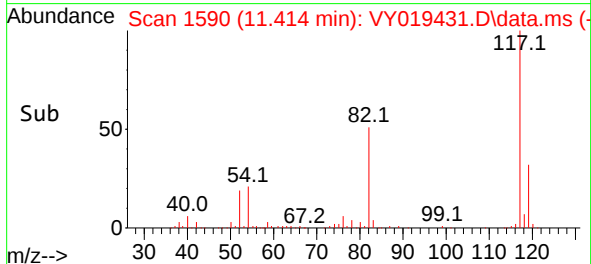
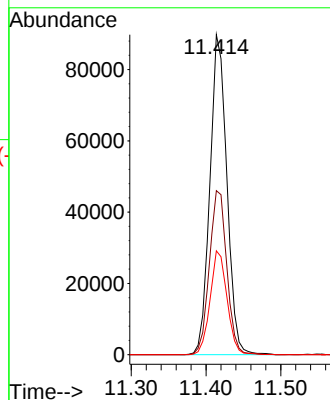
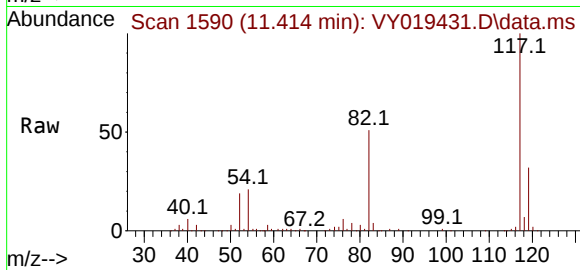




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019431.D
Acq: 03 Sep 2024 16:00

Instrument :
MSVOA_Y
ClientSampleId :
207

Tgt Ion:117 Resp: 141900
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 32.4 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: VY019431.D
Acq: 03 Sep 2024 16:00

Tgt Ion:152 Resp: 53523
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 156.9 0.0 345.6

