

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019420.D
 Acq On : 03 Sep 2024 11:08
 Operator : SY/MD
 Sample : VY0903SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBL01

Quant Time: Sep 04 01:31:00 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	109343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	194752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	144149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	56774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	54530	52.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.300%
35) Dibromofluoromethane	7.634	113	60946	49.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.109	98	220108	48.561	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.408	95	43447	29.636	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	59.280%

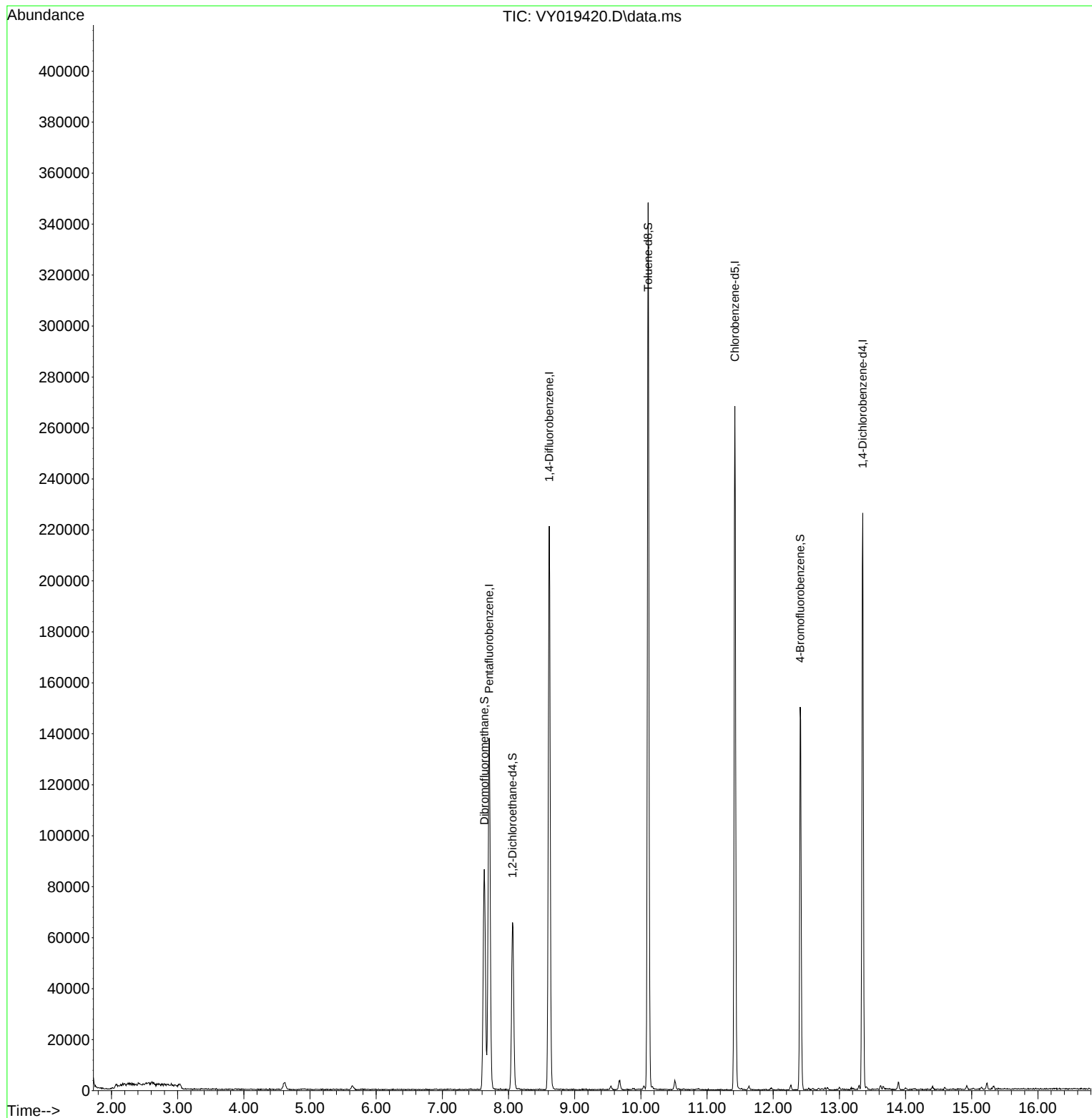
Target Compounds	Qvalue

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

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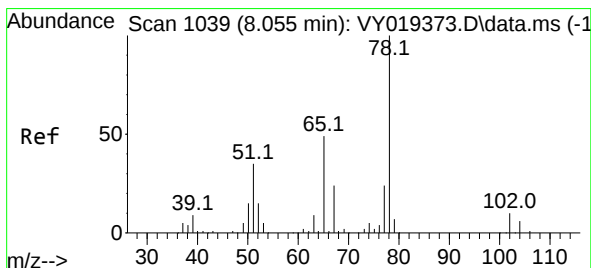
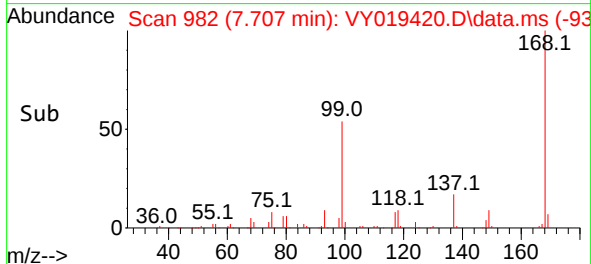
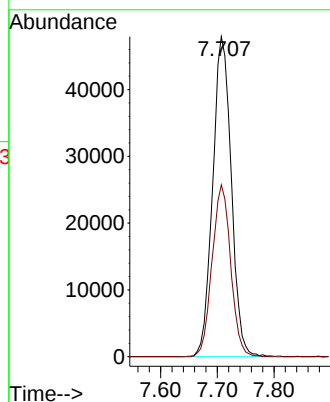
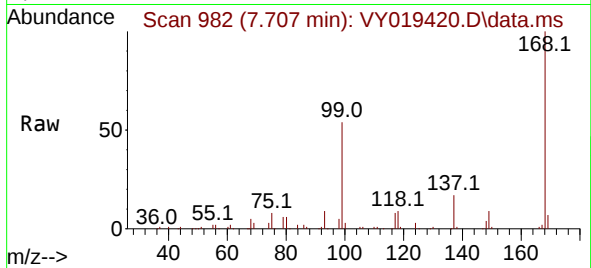




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

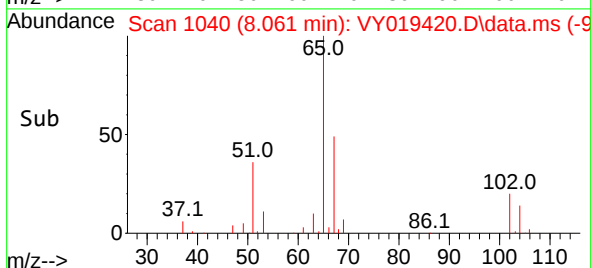
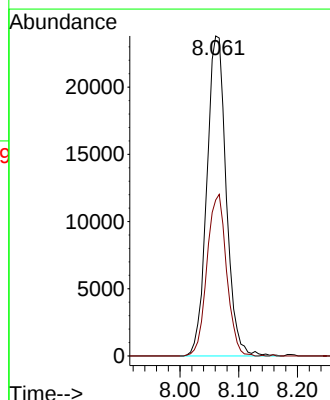
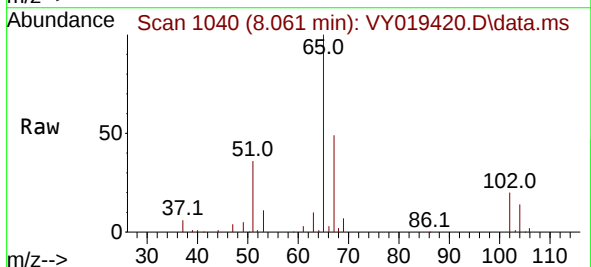
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBL01

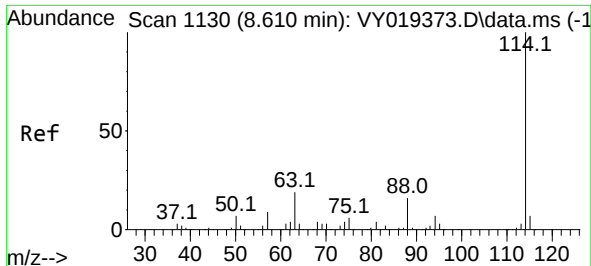
Tgt Ion:168 Resp: 109343
Ion Ratio Lower Upper
168 100
99 53.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.652 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

Tgt Ion: 65 Resp: 54530
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019420.D

Acq: 03 Sep 2024 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBL01

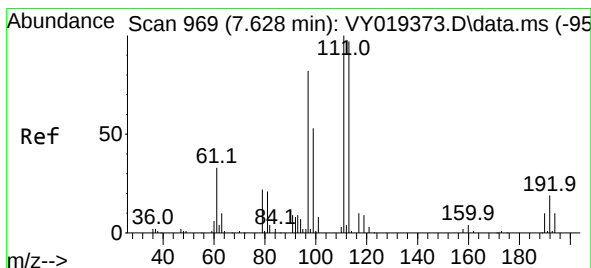
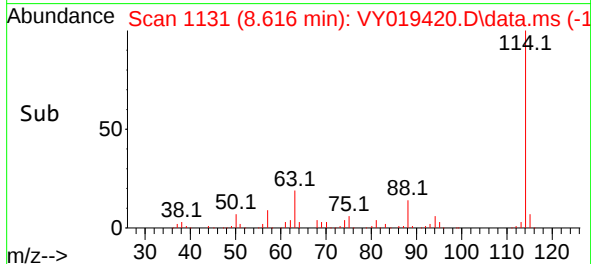
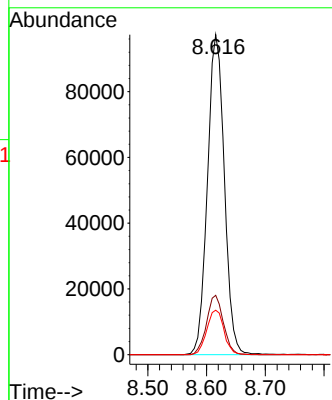
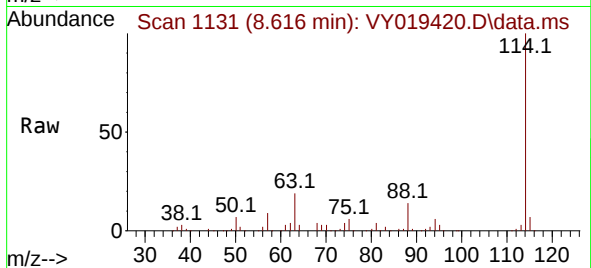
Tgt Ion:114 Resp: 194752

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.498 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY019420.D

Acq: 03 Sep 2024 11:08

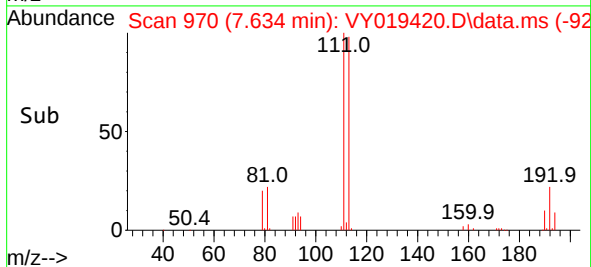
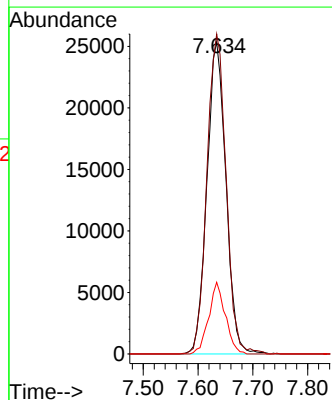
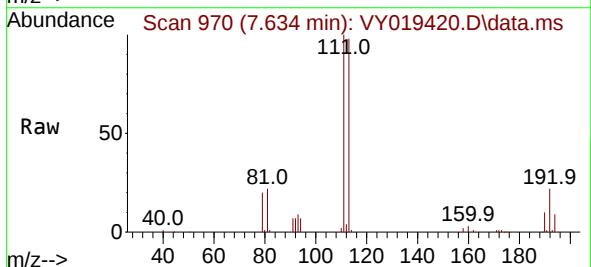
Tgt Ion:113 Resp: 60946

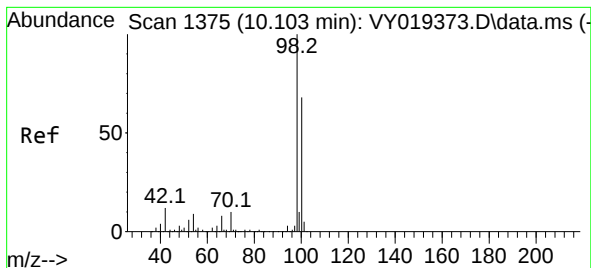
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 20.1 15.9 23.9

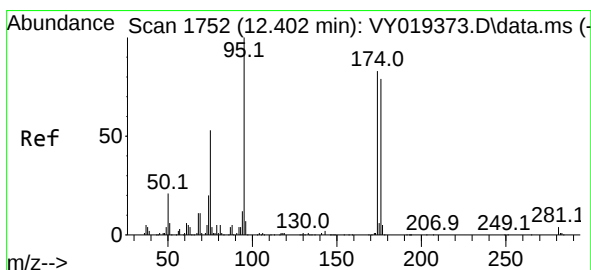
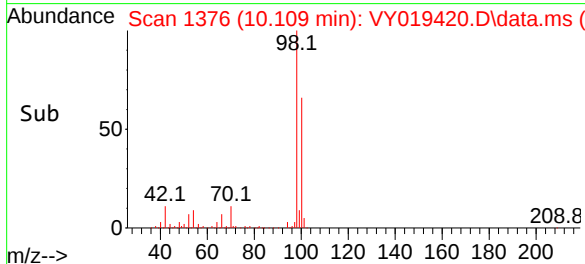
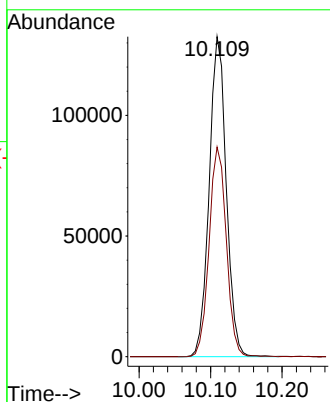
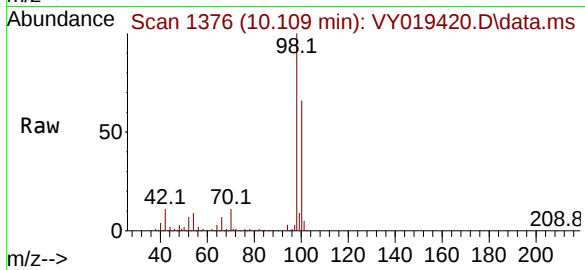




#50
Toluene-d8
Concen: 48.561 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

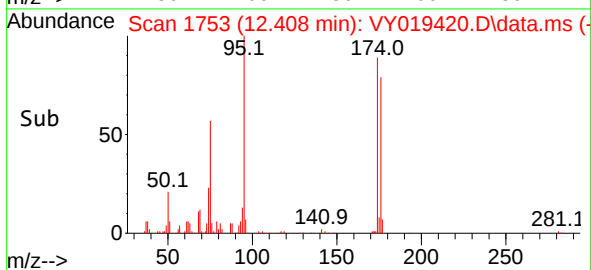
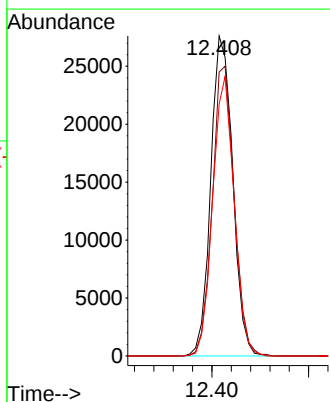
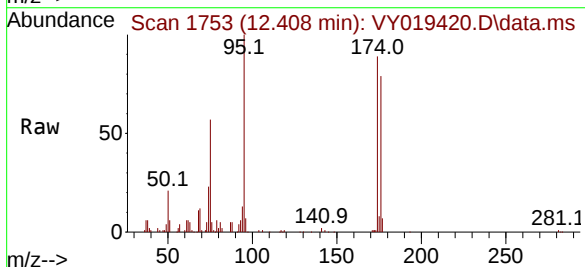
Instrument :
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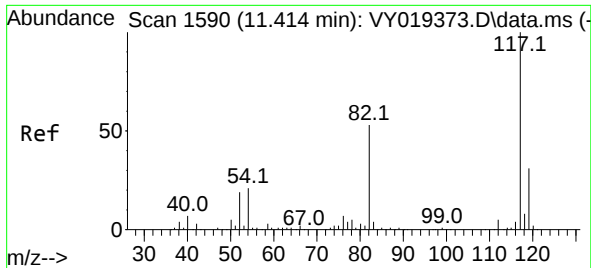
Tgt Ion: 98 Resp: 220108
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.636 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

Tgt Ion: 95 Resp: 43447
Ion Ratio Lower Upper
95 100
174 90.2 0.0 175.6
176 85.4 0.0 171.4

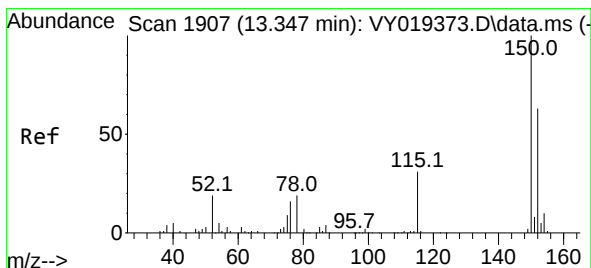
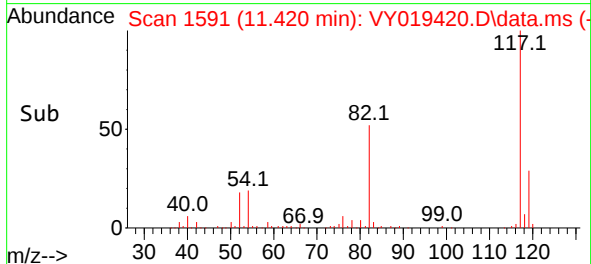
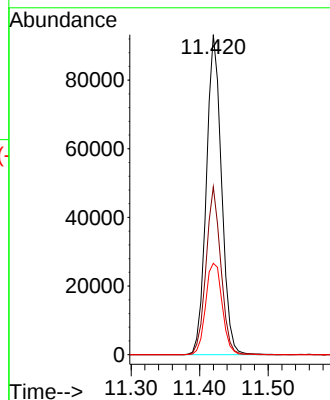
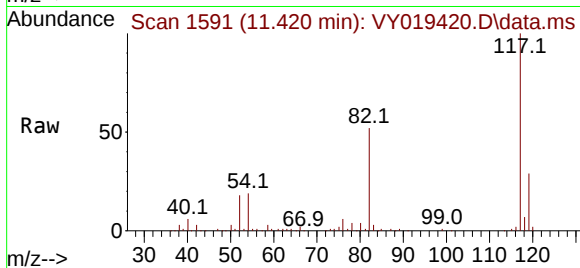




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBL01

Tgt Ion:117 Resp: 144149
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 28.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019420.D
Acq: 03 Sep 2024 11:08

Tgt Ion:152 Resp: 56774
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 157.1 0.0 345.6

