

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019341.D
 Acq On : 28 Aug 2024 19:48
 Operator : SY/MD
 Sample : P3732-03
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UI-3

Quant Time: Aug 29 01:38:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	152024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	276739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	251288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	64270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	85679	56.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.440%
35) Dibromofluoromethane	7.622	113	88190	48.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.103	98	310455	47.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.401	95	98410	44.332	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.660%

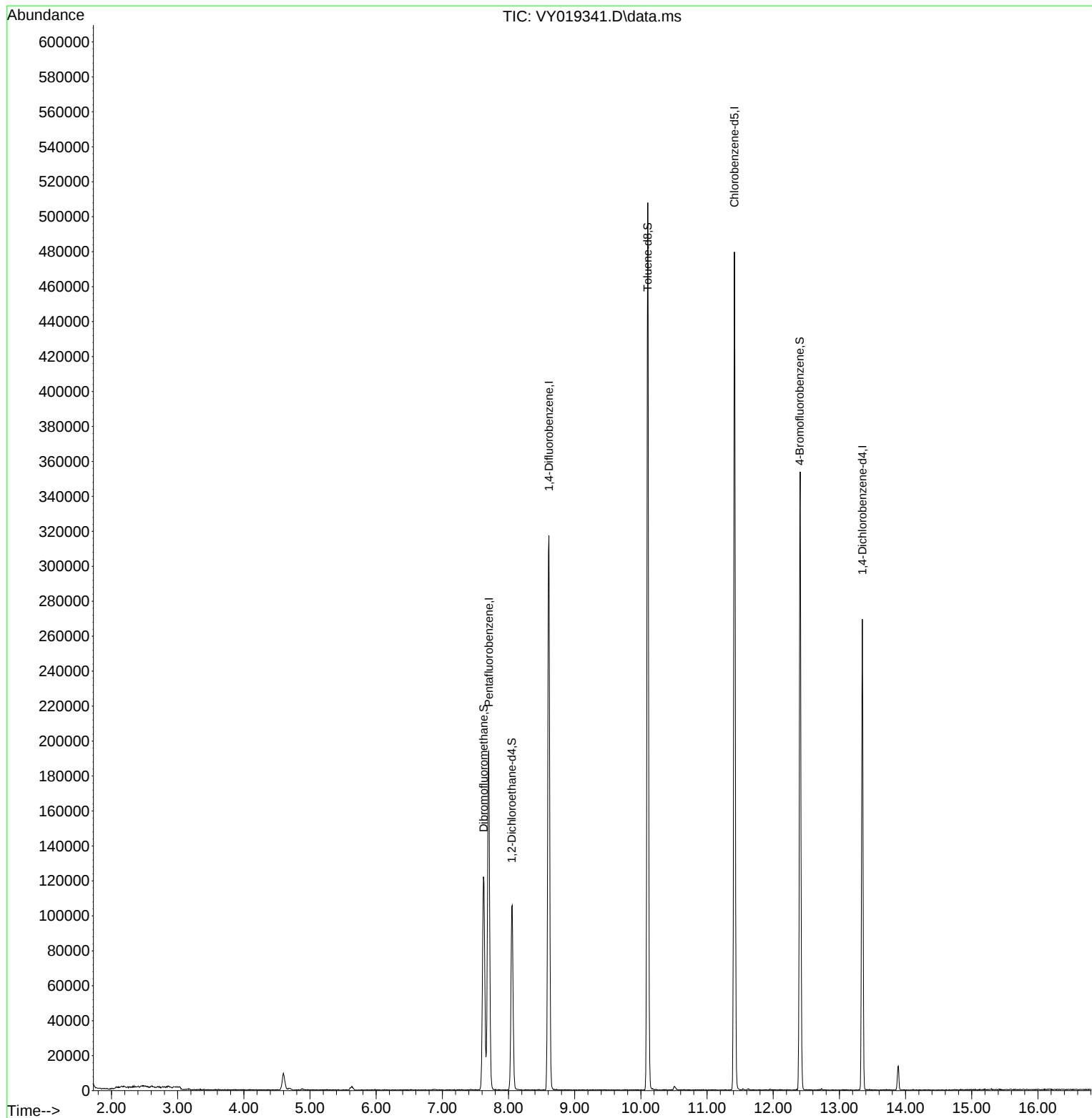
Target Compounds	Qvalue

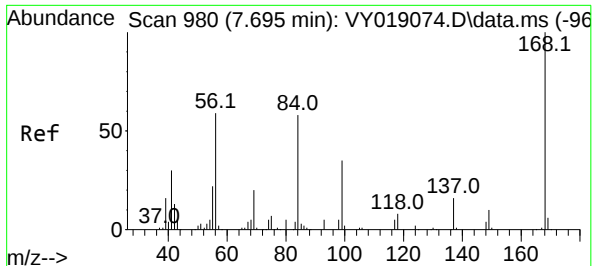
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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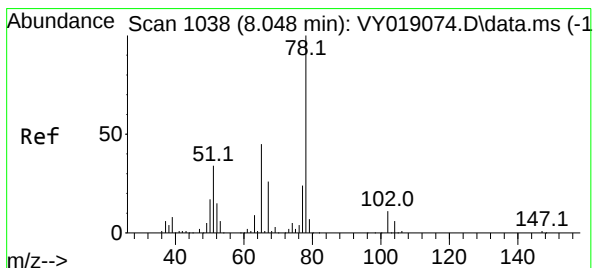
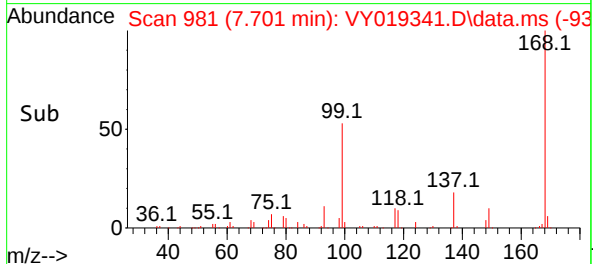
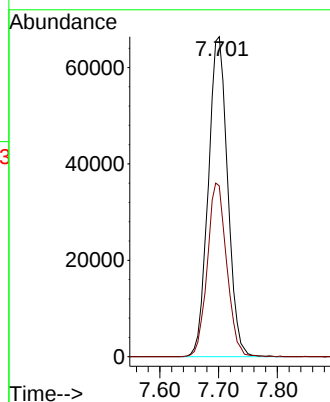
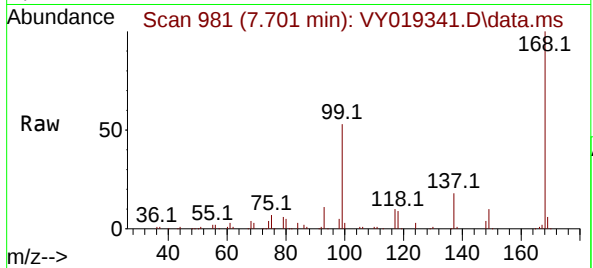




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019341.D
Acq: 28 Aug 2024 19:48

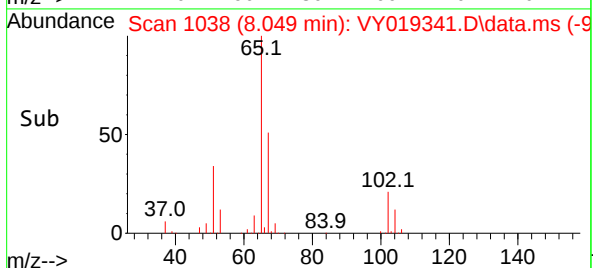
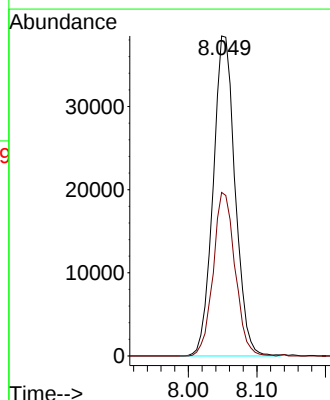
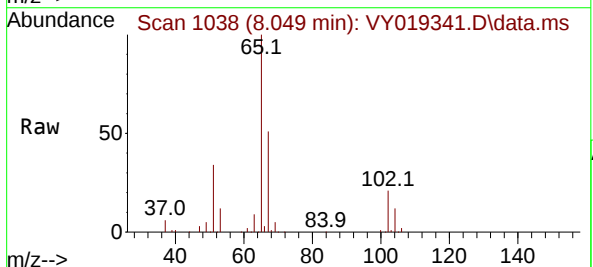
Instrument :
MSVOA_Y
ClientSampleId :
UI-3

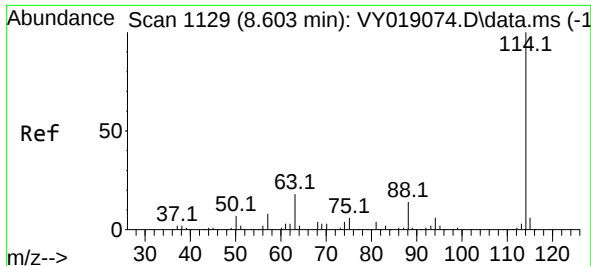
Tgt Ion:168 Resp: 152024
Ion Ratio Lower Upper
168 100
99 53.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.223 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019341.D
Acq: 28 Aug 2024 19:48

Tgt Ion: 65 Resp: 85679
Ion Ratio Lower Upper
65 100
67 50.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019341.D

Acq: 28 Aug 2024 19:48

Instrument :

MSVOA_Y

ClientSampleId :

UI-3

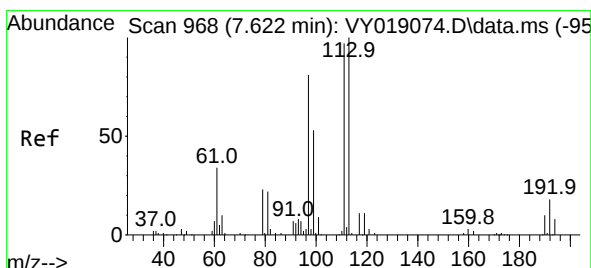
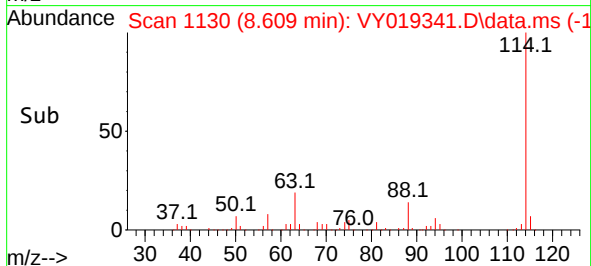
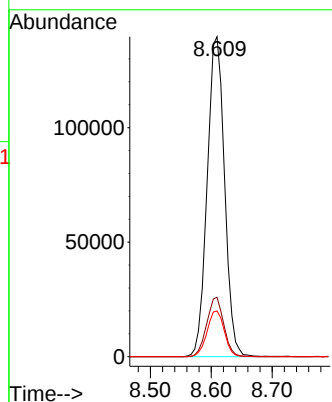
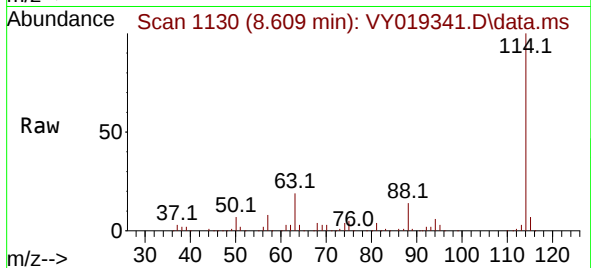
Tgt Ion:114 Resp: 276739

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.738 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019341.D

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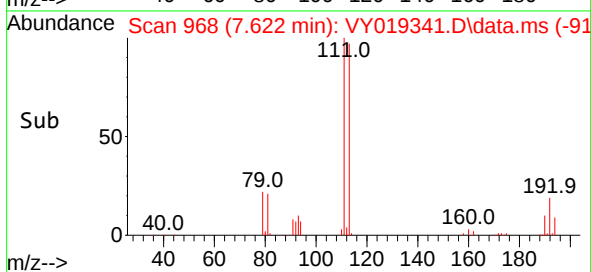
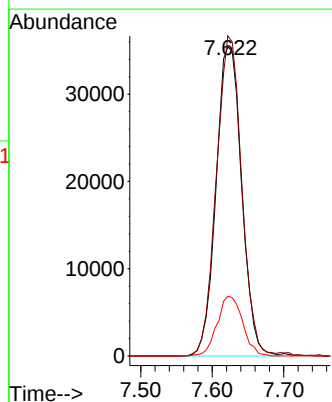
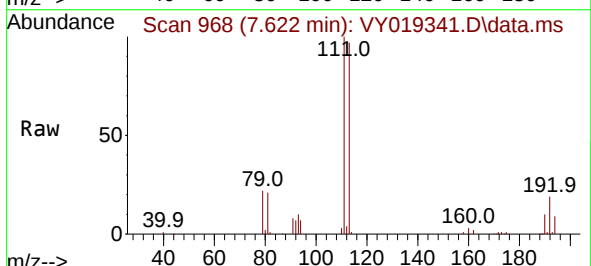
Tgt Ion:113 Resp: 88190

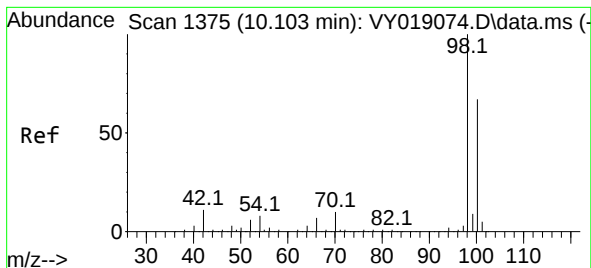
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 19.2 15.9 23.9

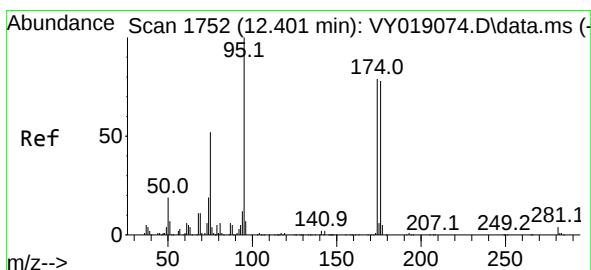
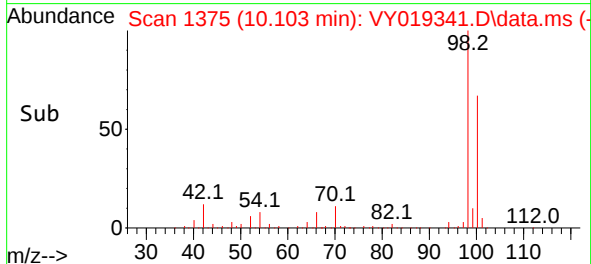
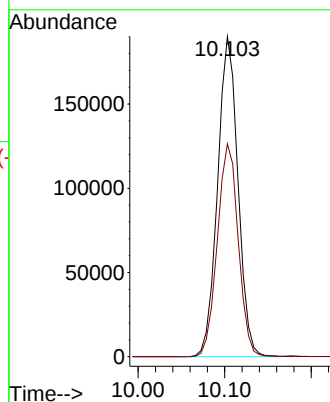
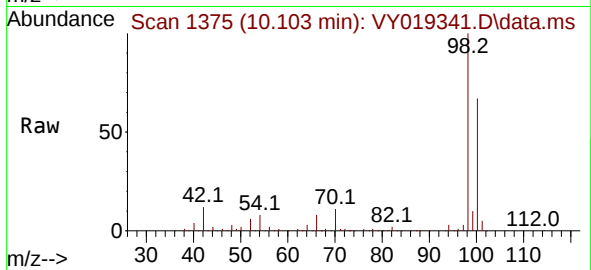




#50
Toluene-d8
Concen: 47.676 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019341.D
Acq: 28 Aug 2024 19:48

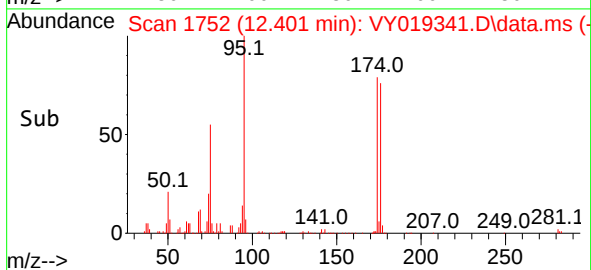
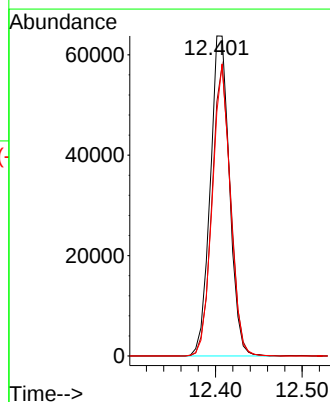
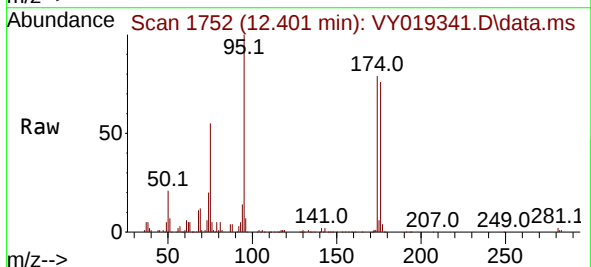
Instrument :
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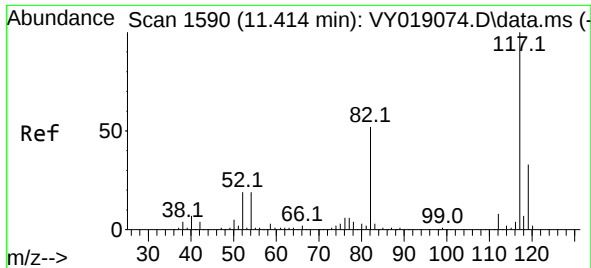
Tgt Ion: 98 Resp: 310455
Ion Ratio Lower Upper
98 100
100 68.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.332 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019341.D
Acq: 28 Aug 2024 19:48

Tgt Ion: 95 Resp: 98410
Ion Ratio Lower Upper
95 100
174 87.7 0.0 175.6
176 85.9 0.0 171.4

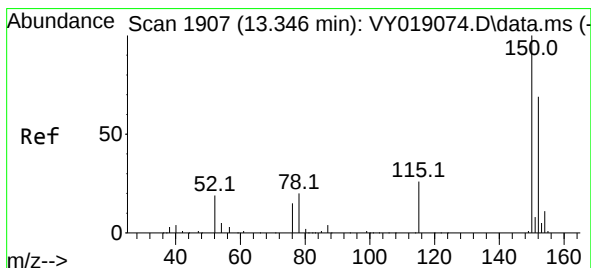
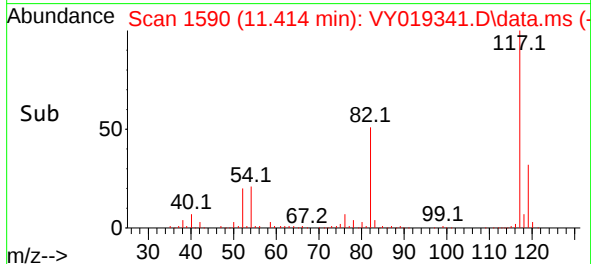
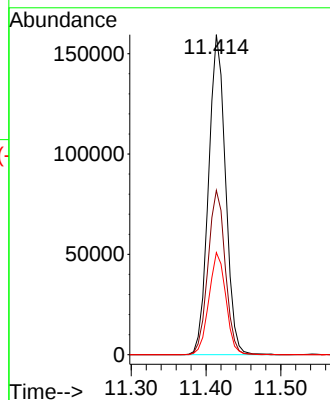
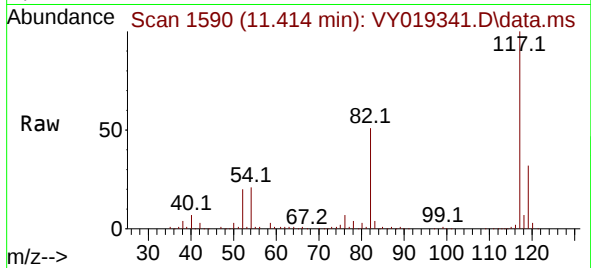




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019341.D
Acq: 28 Aug 2024 19:48

Instrument :
MSVOA_Y
ClientSampleId :
UI-3

Tgt Ion:117 Resp: 251288
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 31.9 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: VY019341.D
Acq: 28 Aug 2024 19:48

Tgt Ion:152 Resp: 64270
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 155.3 0.0 345.6

