

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019022.D
 Acq On : 13 Aug 2024 12:15
 Operator : SY/MD
 Sample : P3518-27RE
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-14-080724RE

Quant Time: Aug 14 01:35:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	62143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	102299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	77140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	21323	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	30241	55.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.860%
35) Dibromofluoromethane	7.622	113	37121	56.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.620%
50) Toluene-d8	10.103	98	130059	51.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.408	95	26049	34.986	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.980%

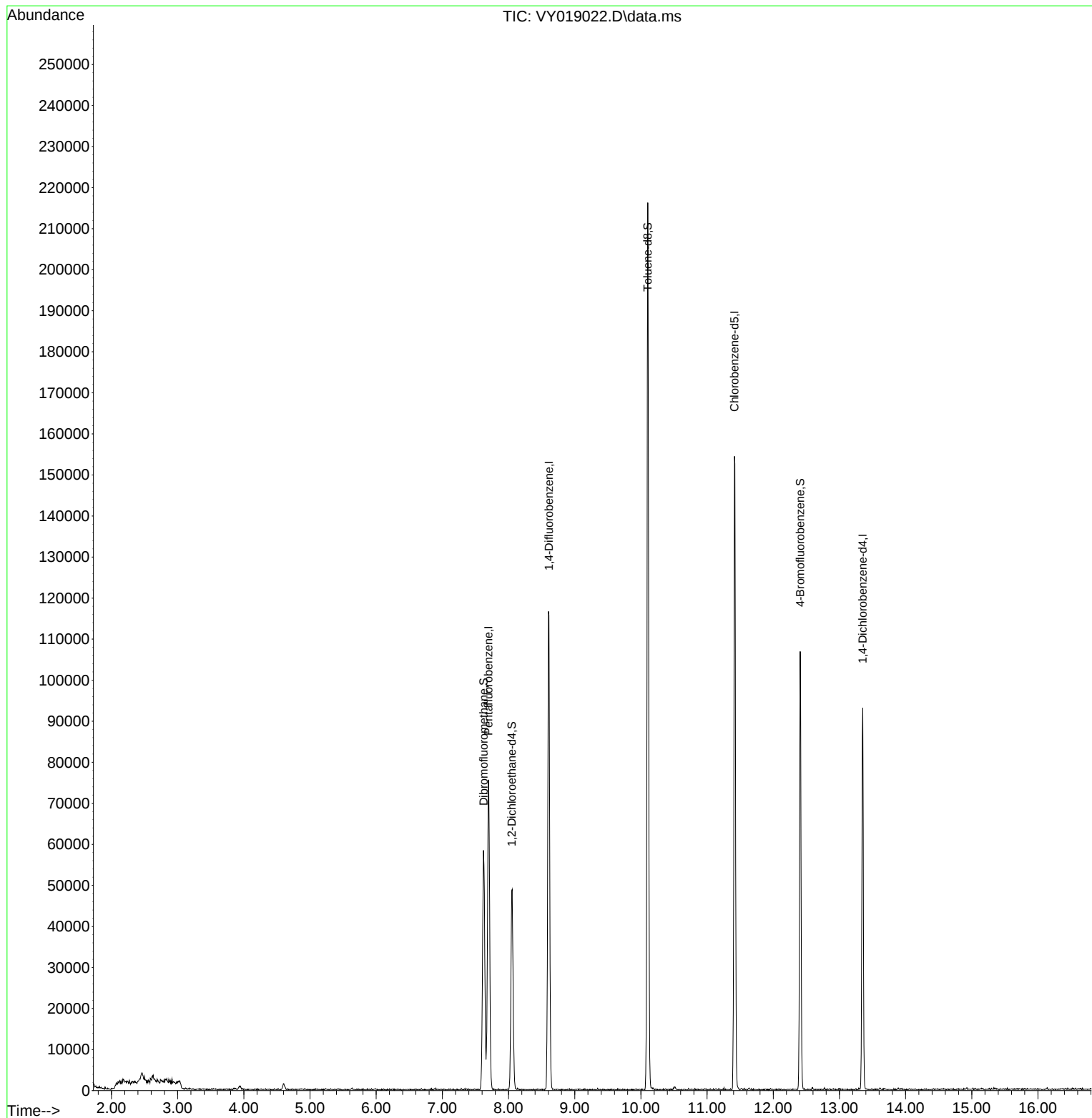
Target Compounds	Qvalue

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

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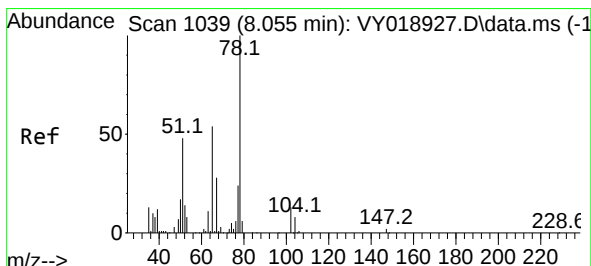
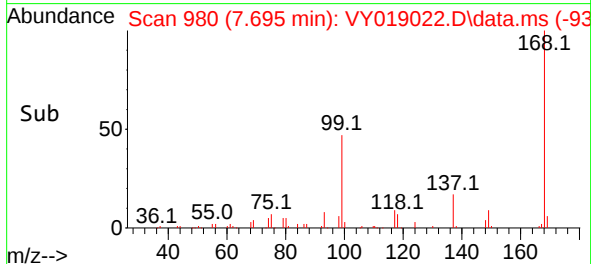
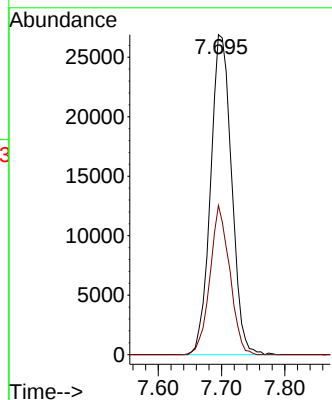
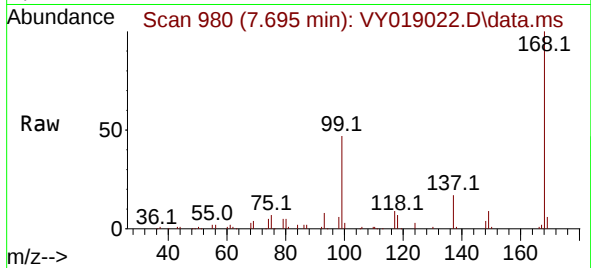




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

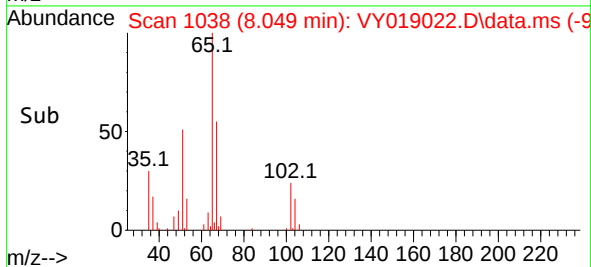
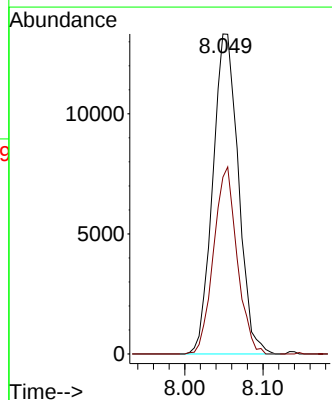
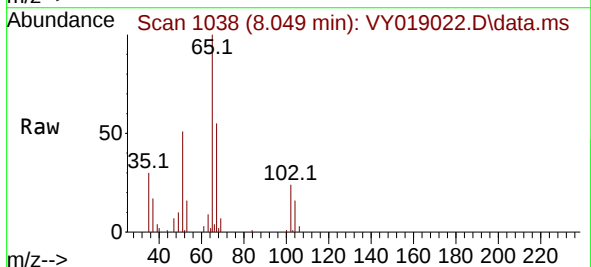
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-14-080724RE

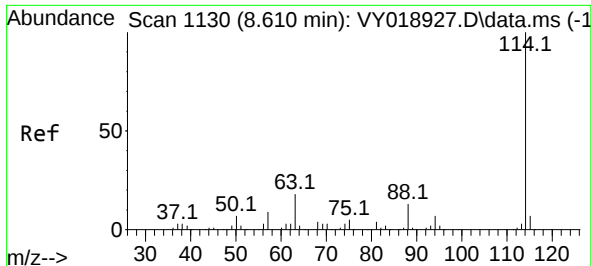
Tgt Ion:168 Resp: 62143
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.426 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

Tgt Ion: 65 Resp: 30241
Ion Ratio Lower Upper
65 100
67 53.7 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: VY019022.D

Acq: 13 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-14-080724RE

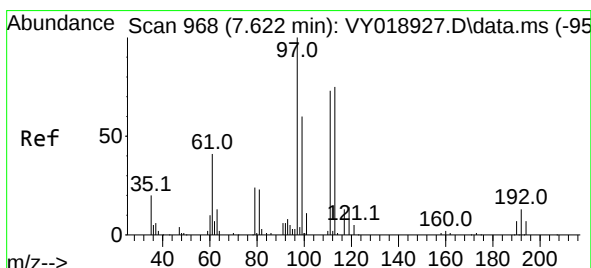
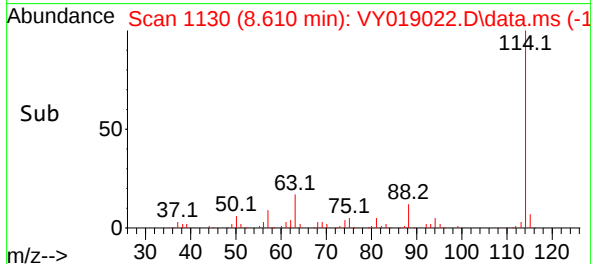
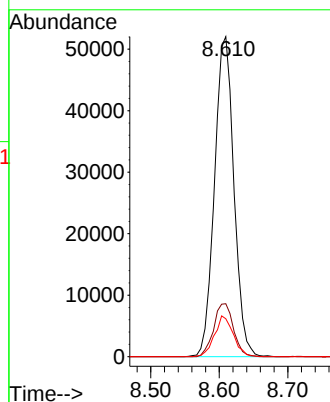
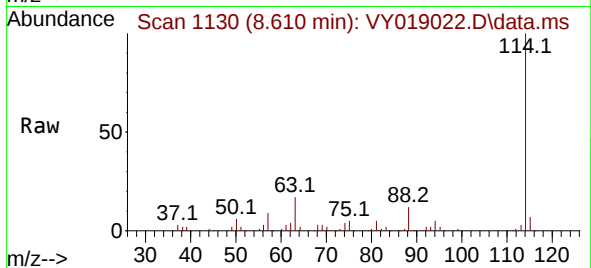
Tgt Ion:114 Resp: 102299

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 11.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.815 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019022.D

Acq: 13 Aug 2024 12:15

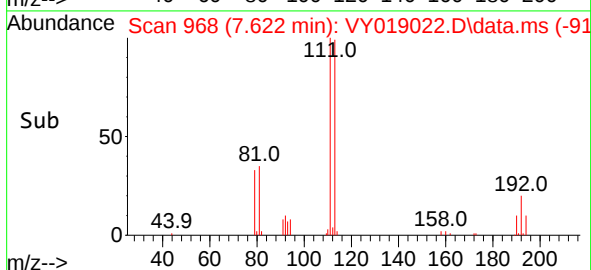
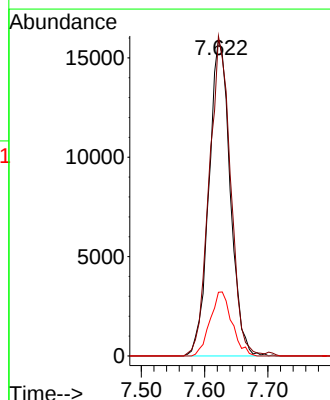
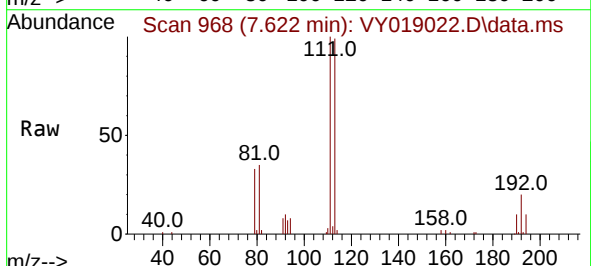
Tgt Ion:113 Resp: 37121

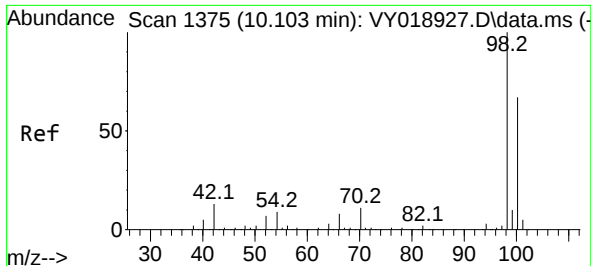
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 20.7 15.9 23.9

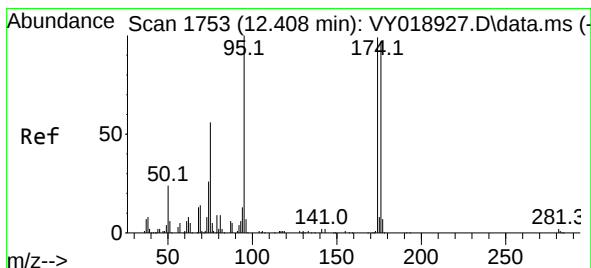
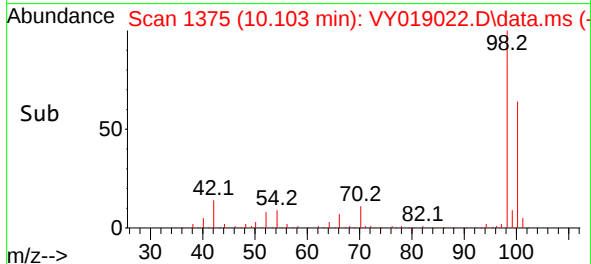
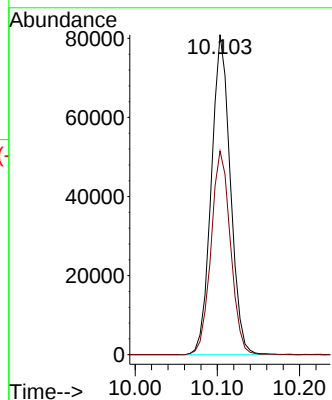
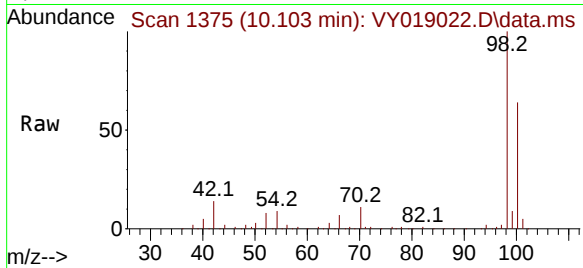




#50
Toluene-d8
Concen: 51.824 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

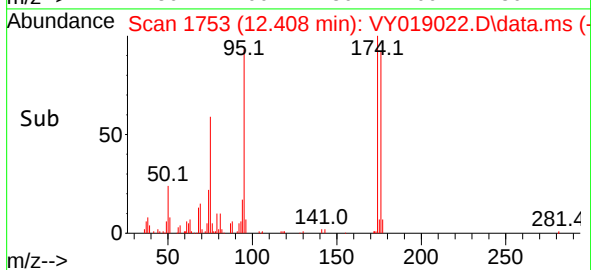
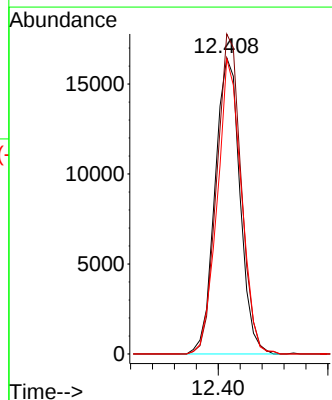
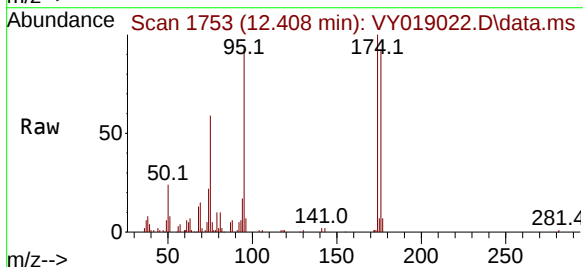
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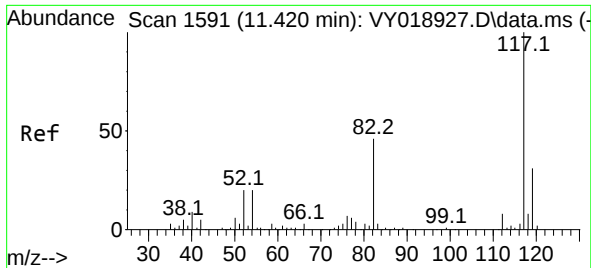
Tgt Ion: 98 Resp: 130059
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.986 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

Tgt Ion: 95 Resp: 26049
Ion Ratio Lower Upper
95 100
174 105.3 0.0 175.6
176 96.4 0.0 171.4

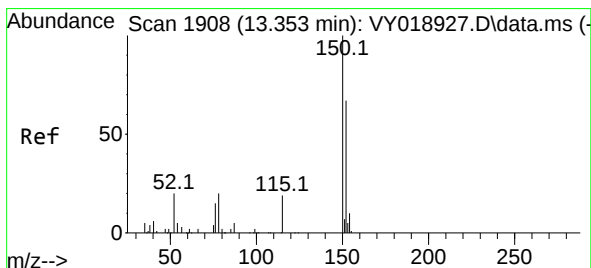
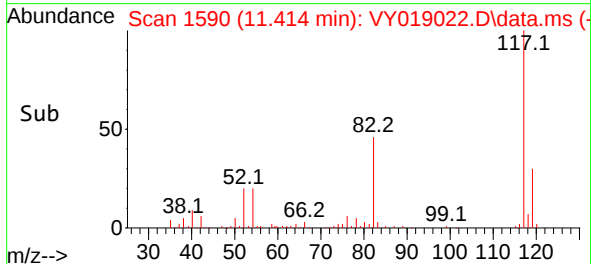
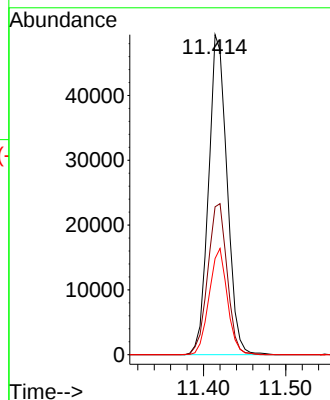
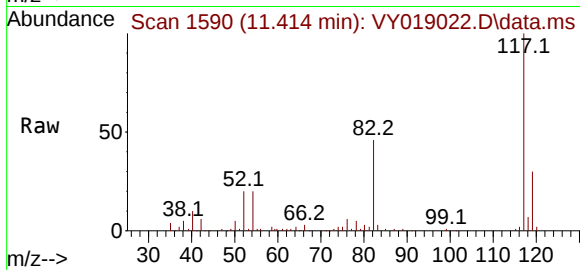




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-14-080724RE

Tgt Ion:117 Resp: 77140
Ion Ratio Lower Upper
117 100
82 46.2 42.4 63.6
119 30.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

Tgt Ion:152 Resp: 21323
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 159.0 0.0 345.6

