

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019031.D
 Acq On : 13 Aug 2024 15:54
 Operator : SY/MD
 Sample : P3519-15RE
 Misc : 8.42g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-23-080724RE

Quant Time: Aug 14 01:38:37 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	53019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	88504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	72776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	22261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	25839	55.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.622	113	28008	49.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.103	98	102175	47.059	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.408	95	22322	34.653	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.300%

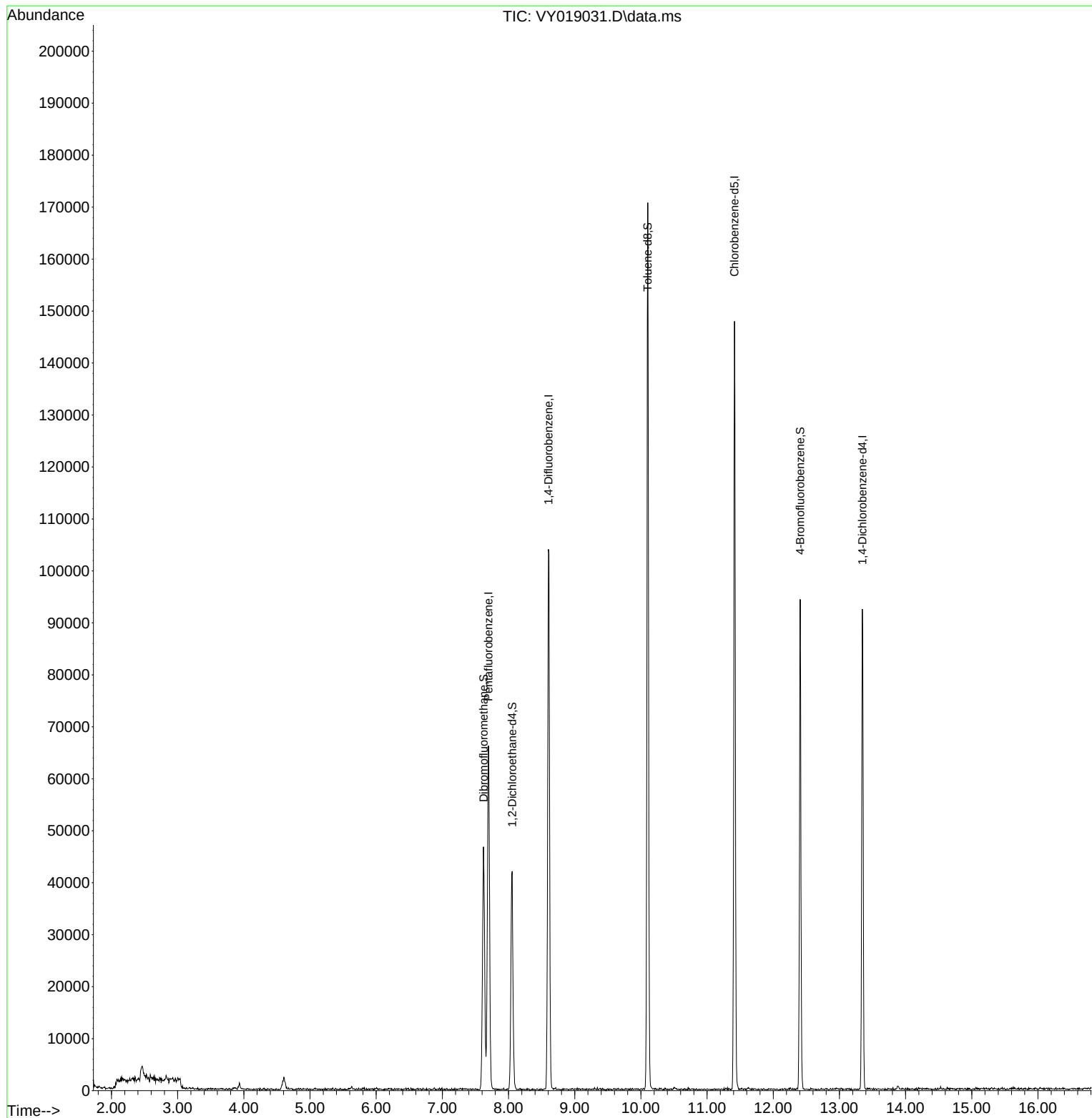
Target Compounds	Qvalue

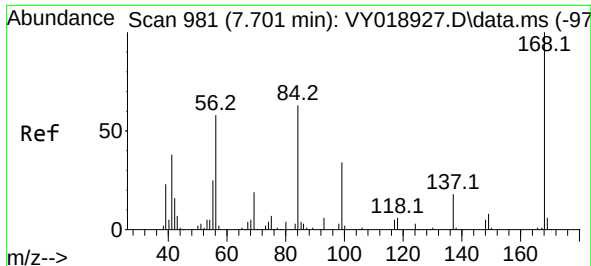
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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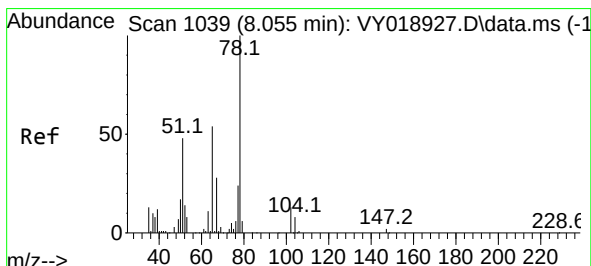
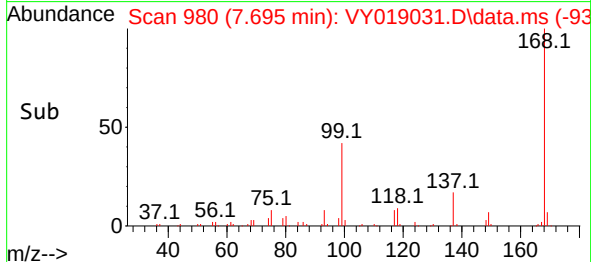
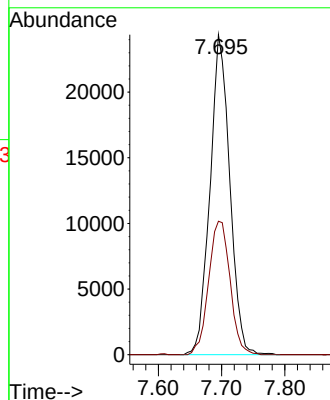
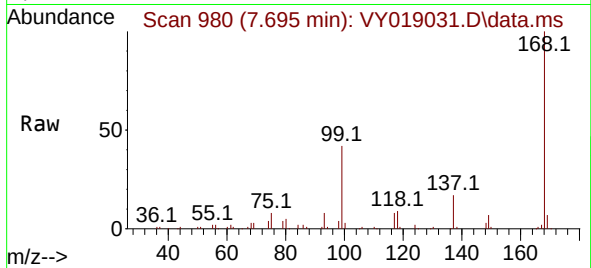




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

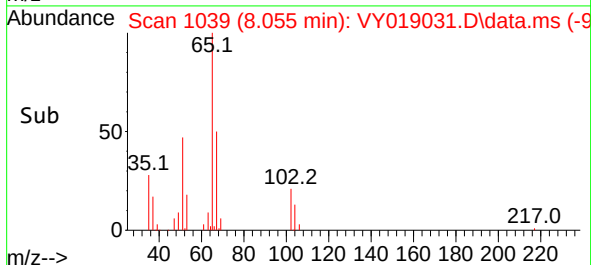
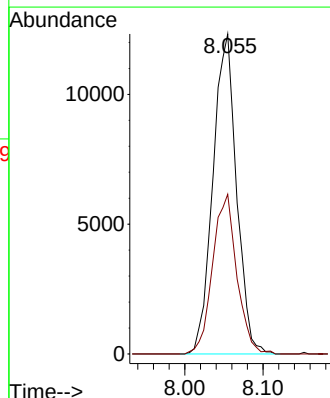
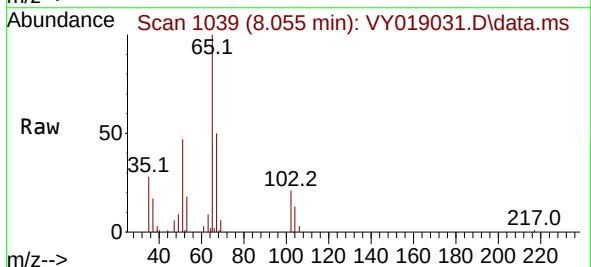
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-23-080724RE

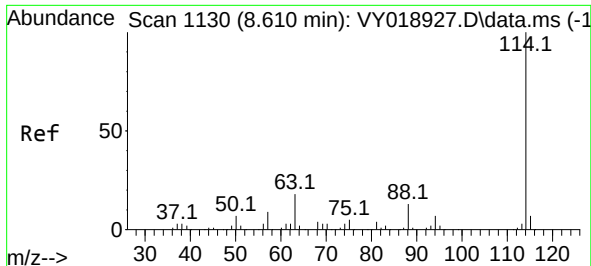
Tgt Ion:168 Resp: 53019
Ion Ratio Lower Upper
168 100
99 41.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.508 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

Tgt Ion: 65 Resp: 25839
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019031.D

Acq: 13 Aug 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-23-080724RE

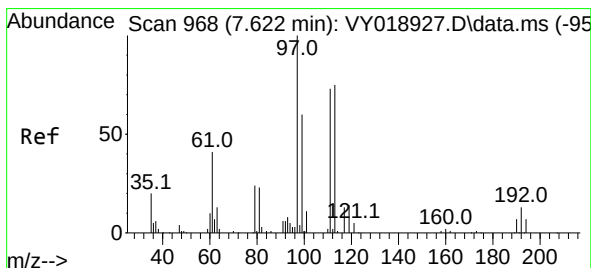
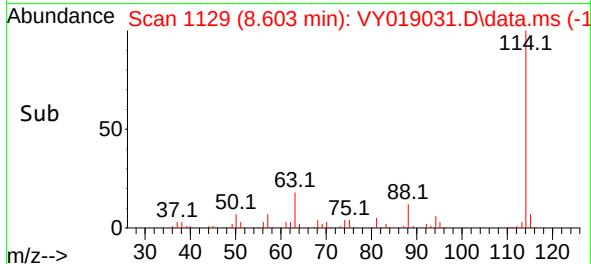
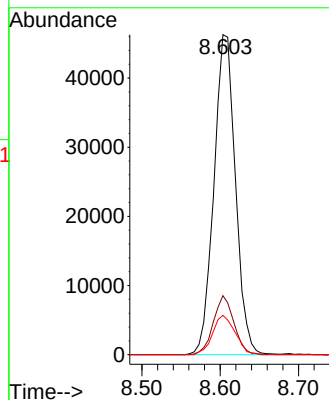
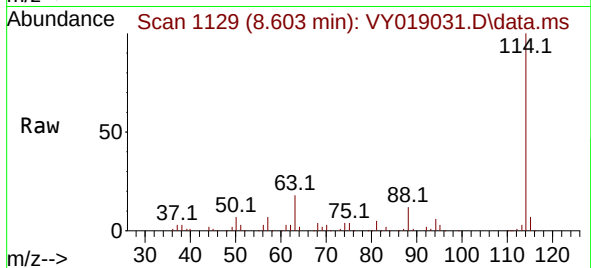
Tgt Ion:114 Resp: 88504

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 12.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.549 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019031.D

Acq: 13 Aug 2024 15:54

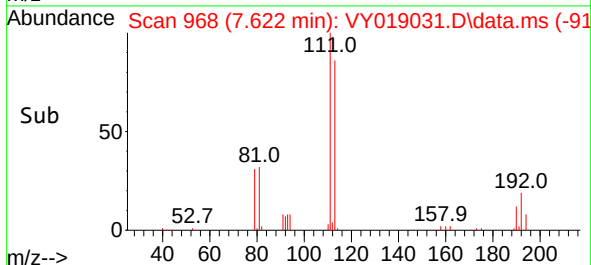
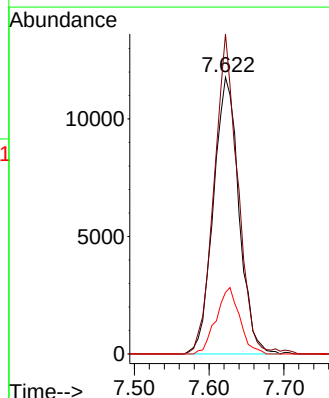
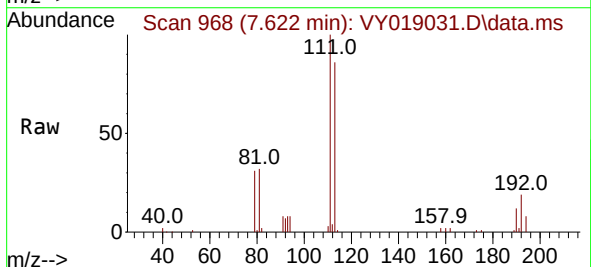
Tgt Ion:113 Resp: 28008

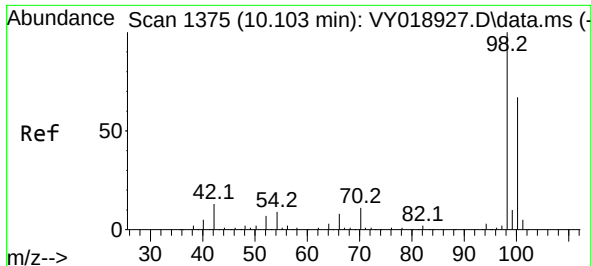
Ion Ratio Lower Upper

113 100

111 107.3 82.2 123.4

192 22.1 15.9 23.9

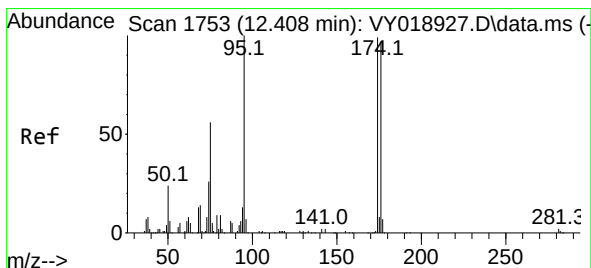
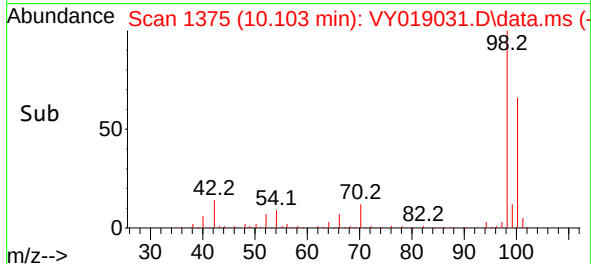
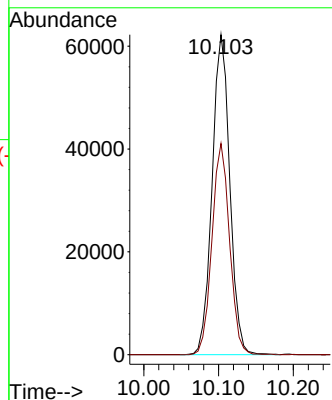
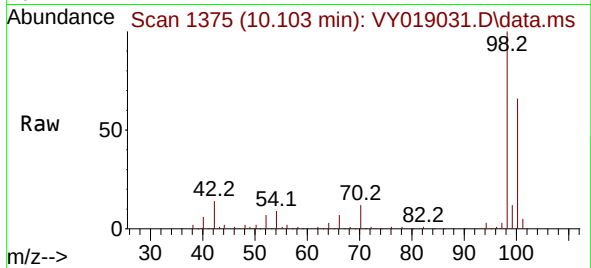




#50
Toluene-d8
Concen: 47.059 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

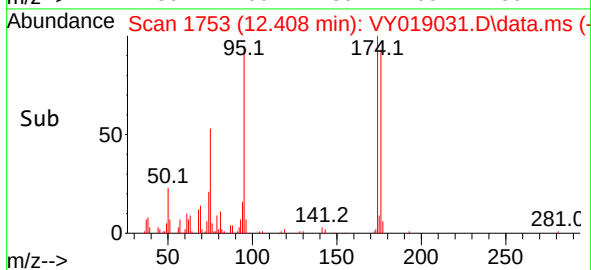
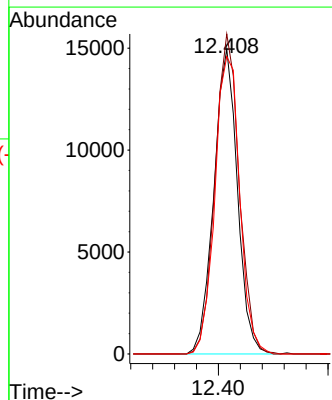
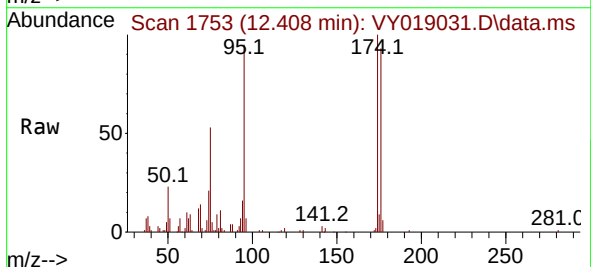
Instrument :
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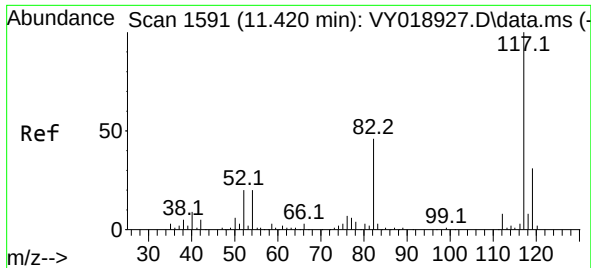
Tgt Ion: 98 Resp: 102175
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.653 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

Tgt Ion: 95 Resp: 22322
Ion Ratio Lower Upper
95 100
174 107.7 0.0 175.6
176 103.1 0.0 171.4

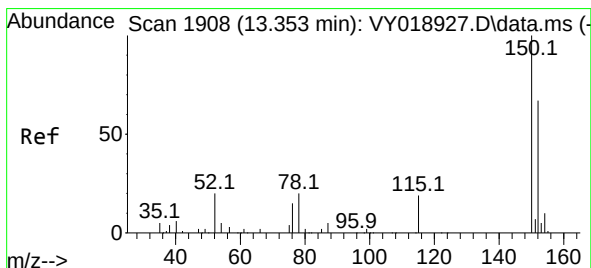
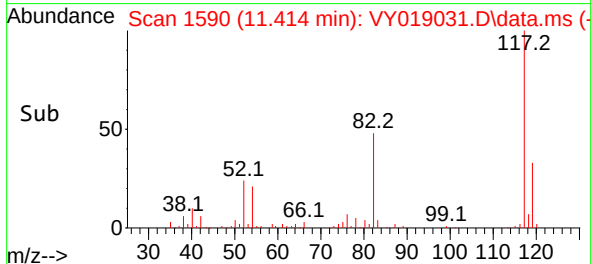
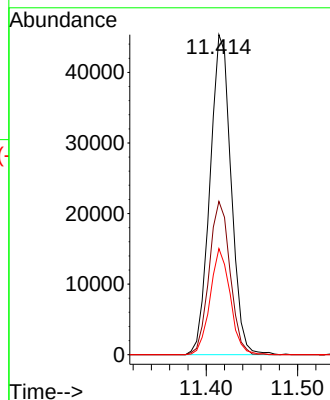
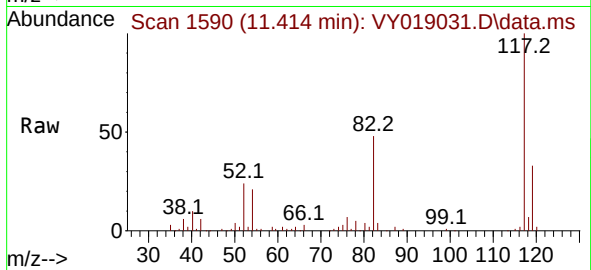




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-23-080724RE

Tgt Ion:117 Resp: 72776
Ion Ratio Lower Upper
117 100
82 47.9 42.4 63.6
119 33.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

Tgt Ion:152 Resp: 22261
Ion Ratio Lower Upper
152 100
115 50.6 28.2 84.7
150 156.0 0.0 345.6

