

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019040.D
 Acq On : 13 Aug 2024 19:37
 Operator : SY/MD
 Sample : P3548-06
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 343

Quant Time: Aug 14 01:42:01 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	7.701	168	41035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	70916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	64071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	25626	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	21400	59.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.800%
35) Dibromofluoromethane	7.616	113	22890	50.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.080%
50) Toluene-d8	10.103	98	84410	48.519	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.408	95	21768	42.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.340%

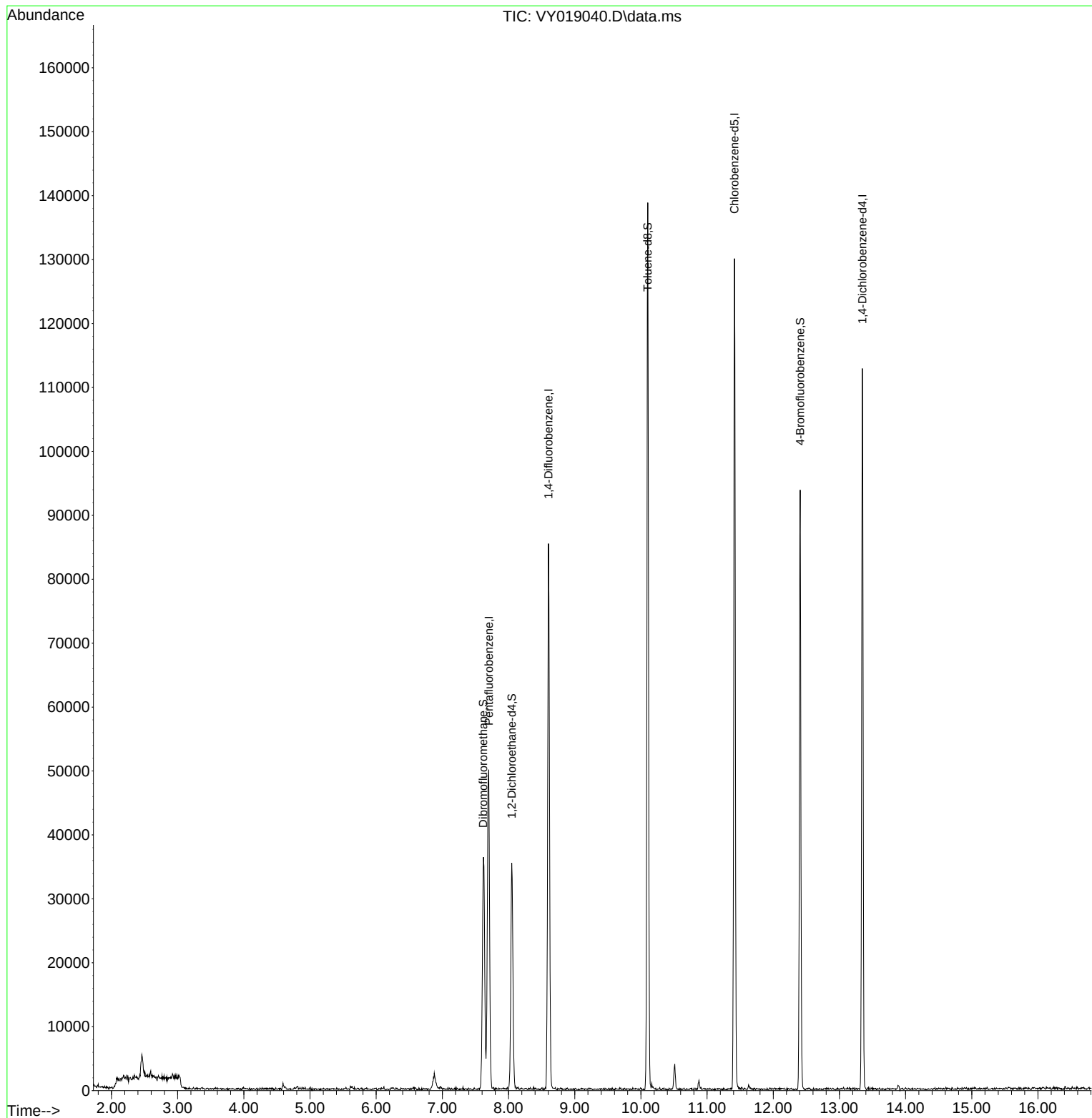
Target Compounds	Qvalue

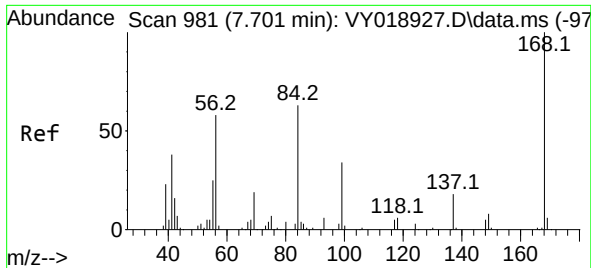
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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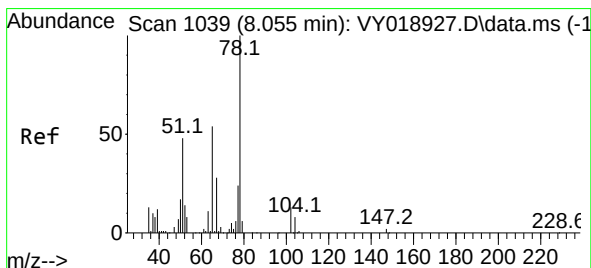
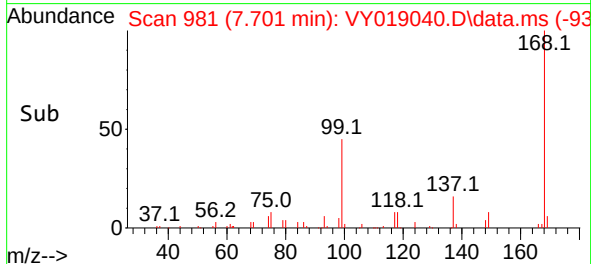
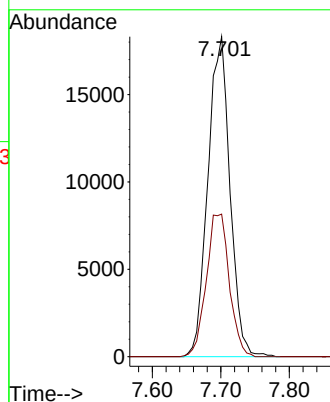
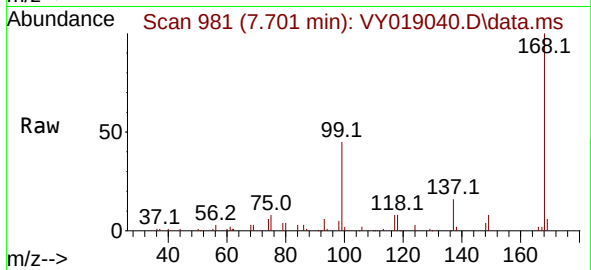




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

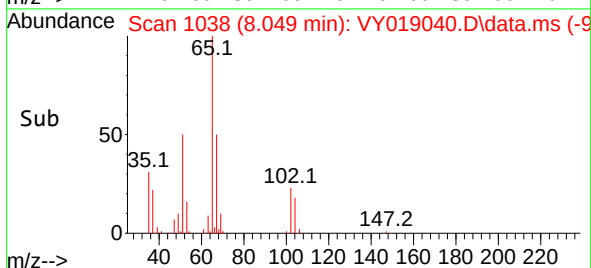
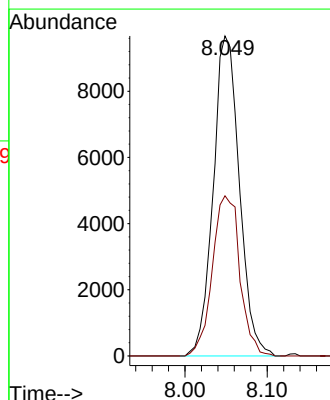
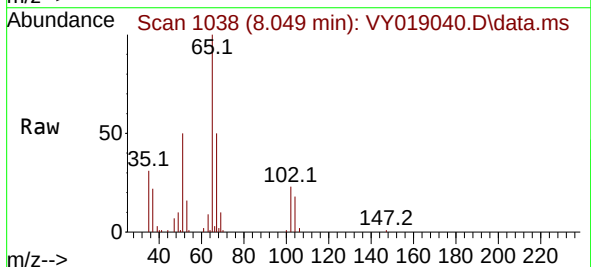
Instrument :
MSVOA_Y
ClientSampleId :
343

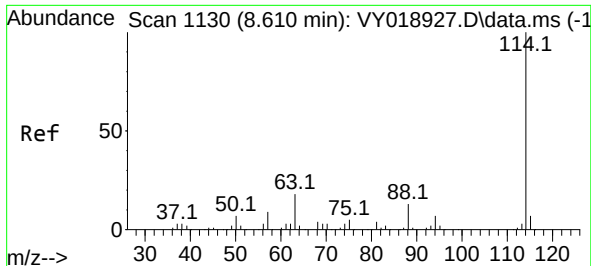
Tgt Ion:168 Resp: 41035
Ion Ratio Lower Upper
168 100
99 44.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 59.398 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

Tgt Ion: 65 Resp: 21400
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019040.D

Acq: 13 Aug 2024 19:37

Instrument :

MSVOA_Y

ClientSampleId :

343

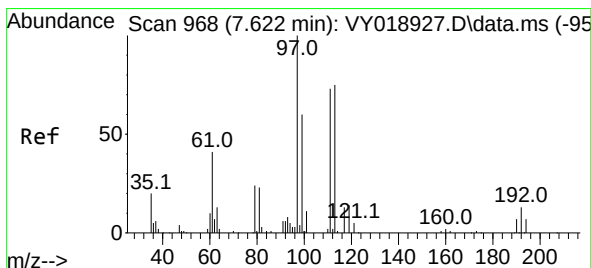
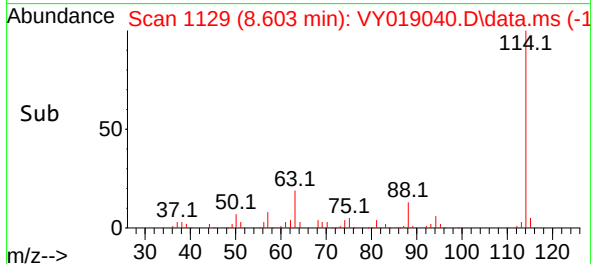
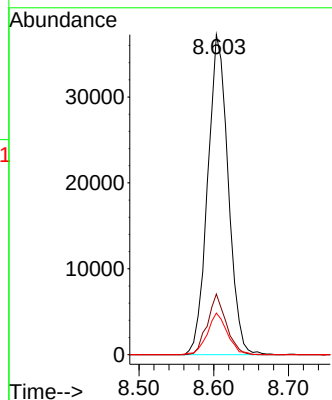
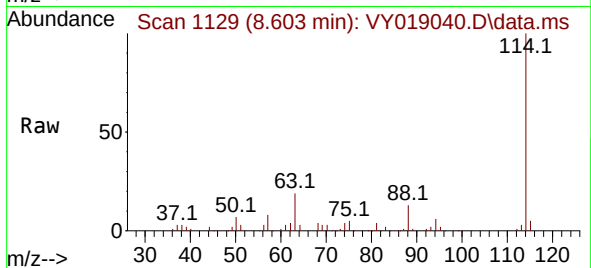
Tgt Ion:114 Resp: 70916

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 13.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.537 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY019040.D

Acq: 13 Aug 2024 19:37

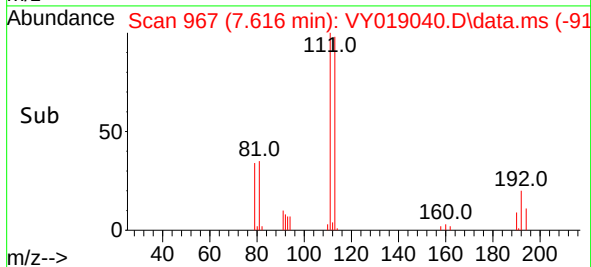
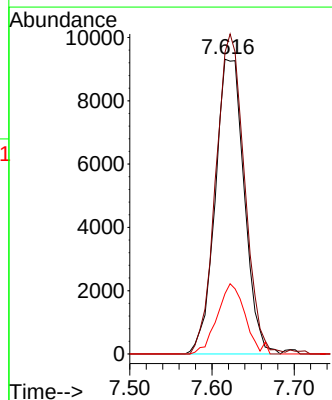
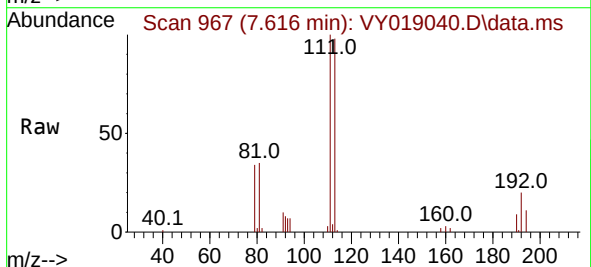
Tgt Ion:113 Resp: 22890

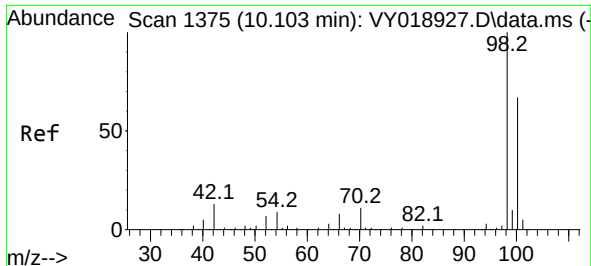
Ion Ratio Lower Upper

113 100

111 106.9 82.2 123.4

192 22.9 15.9 23.9

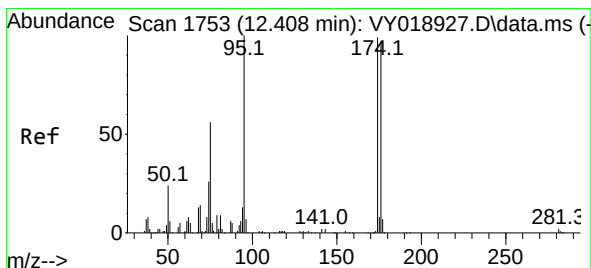
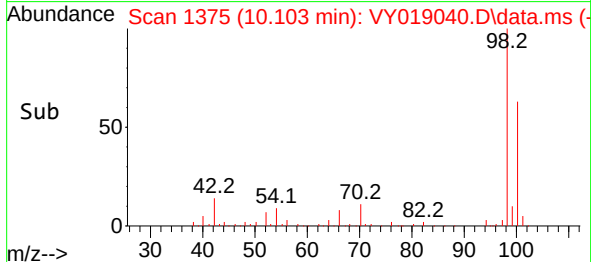
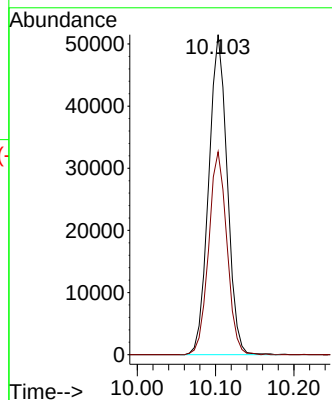
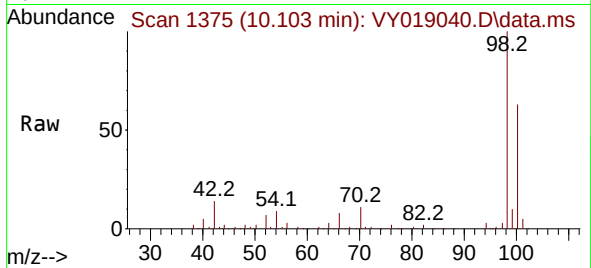




#50
Toluene-d8
Concen: 48.519 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

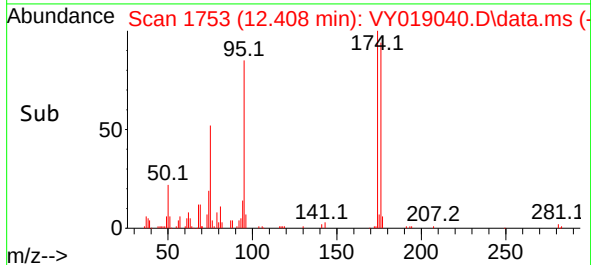
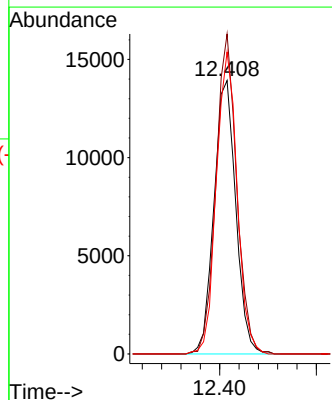
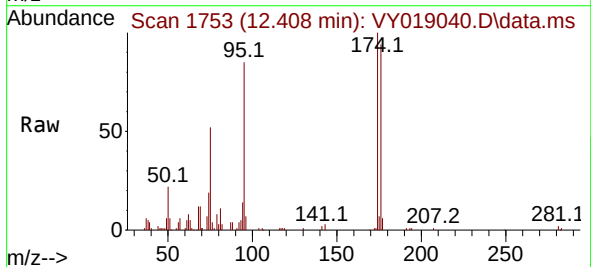
Instrument :
MSVOA_Y
ClientSampleId :
343

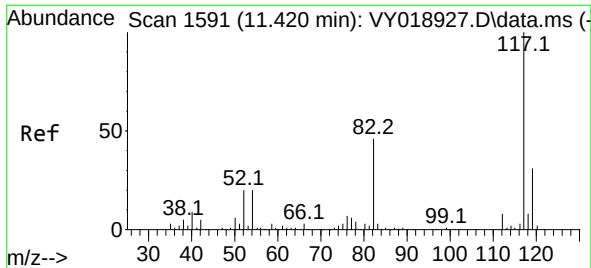
Tgt Ion: 98 Resp: 84410
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.174 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

Tgt Ion: 95 Resp: 21768
Ion Ratio Lower Upper
95 100
174 111.4 0.0 175.6
176 105.5 0.0 171.4

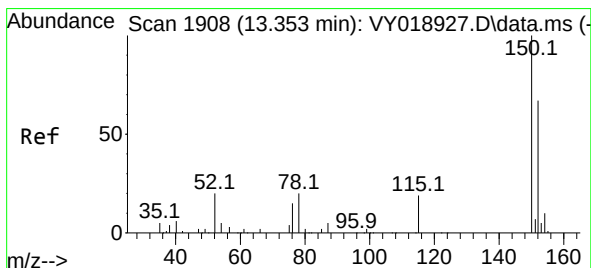
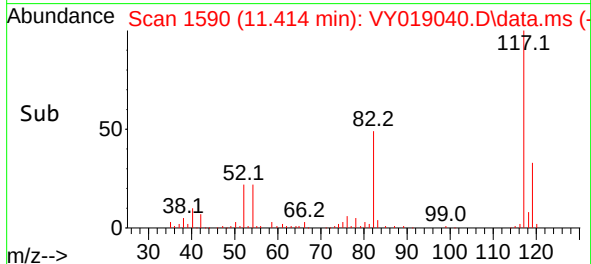
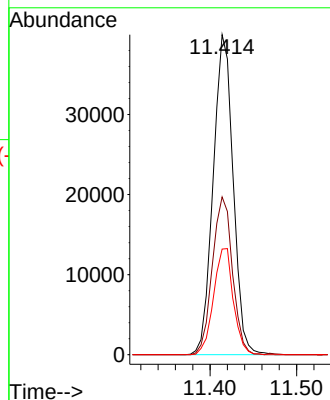
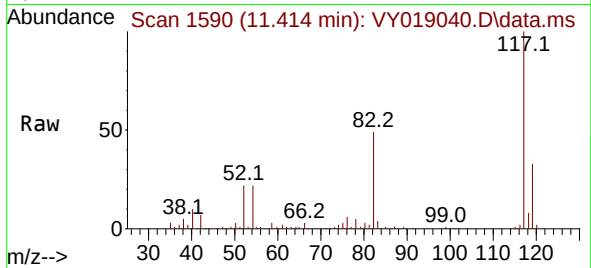




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

Instrument :
MSVOA_Y
ClientSampleId :
343

Tgt Ion:117 Resp: 64071
Ion Ratio Lower Upper
117 100
82 49.3 42.4 63.6
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

Tgt Ion:152 Resp: 25626
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 157.1 0.0 345.6

