

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019098.D
 Acq On : 16 Aug 2024 17:06
 Operator : SY/MD
 Sample : P3512-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 927-K1-SD-0.5-1.0-080724

Quant Time: Aug 17 00:07:21 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	7.695	168	14410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	22578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	14739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	4245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	5591	38.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.420%
35) Dibromofluoromethane	7.616	113	7151	48.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.103	98	21471	40.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.820%
62) 4-Bromofluorobenzene	12.408	95	5136	28.359	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	56.720%

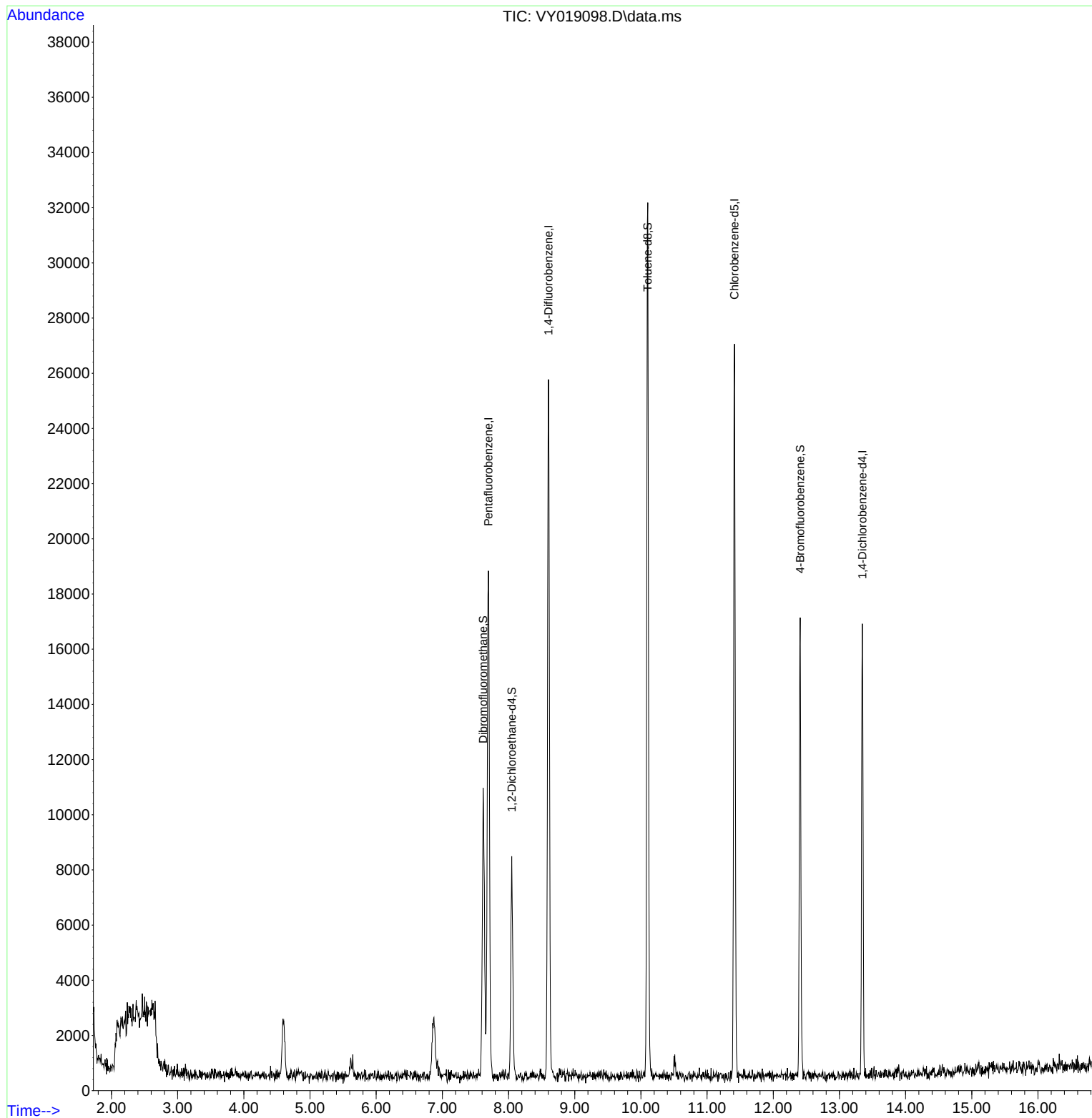
Target Compounds	Qvalue

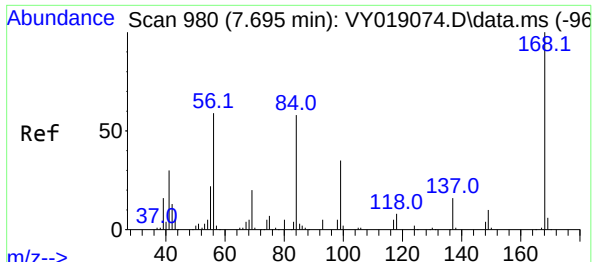
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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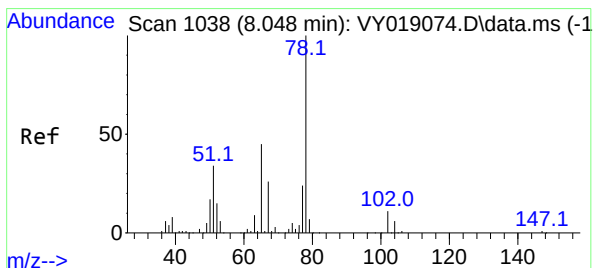
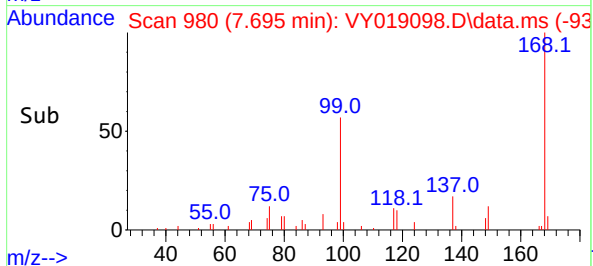
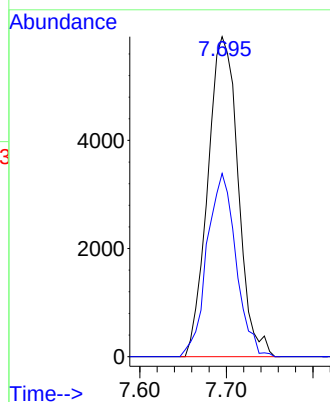
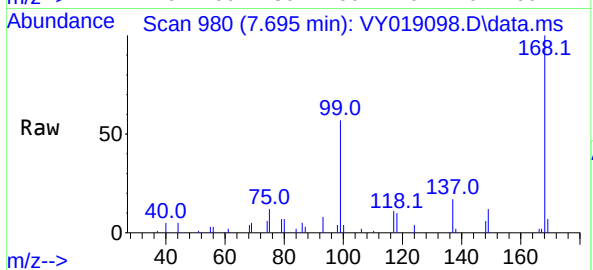




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019098.D
Acq: 16 Aug 2024 17:06

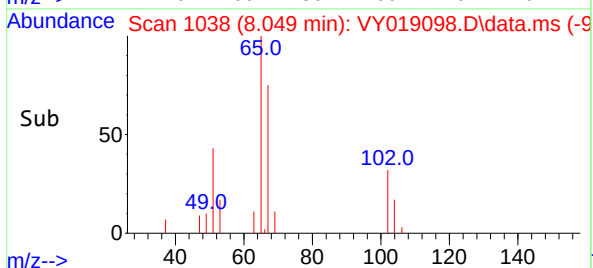
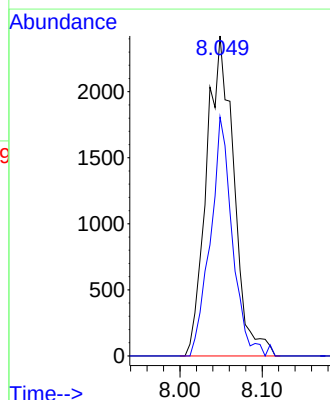
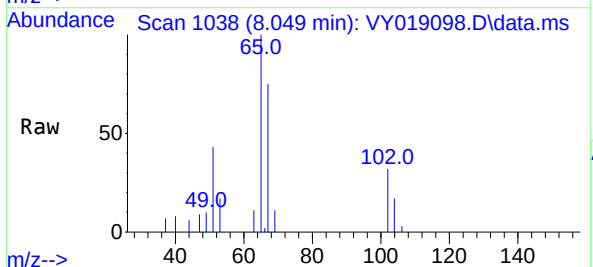
Instrument :
MSVOA_Y
ClientSampleId :
927-K1-SD-0.5-1.0-080724

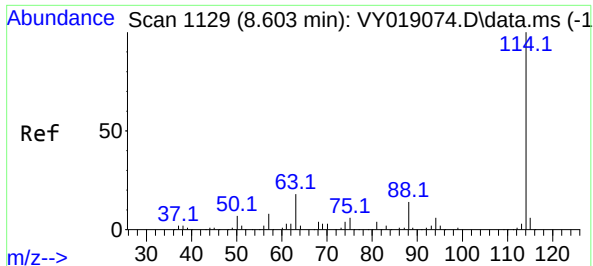
Tgt Ion:168 Resp: 14410
Ion Ratio Lower Upper
168 100
99 57.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 38.706 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019098.D
Acq: 16 Aug 2024 17:06

Tgt Ion: 65 Resp: 5591
Ion Ratio Lower Upper
65 100
67 60.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019098.D

Acq: 16 Aug 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

927-K1-SD-0.5-1.0-080724

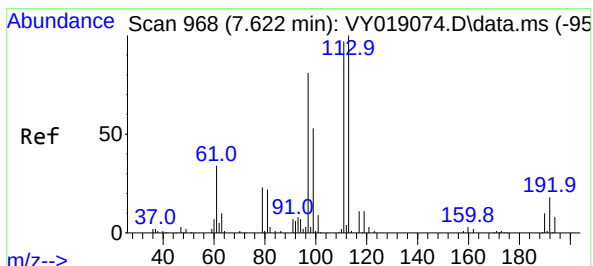
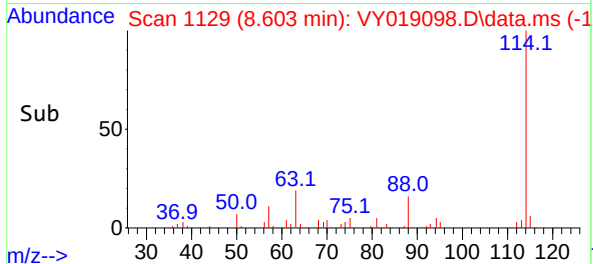
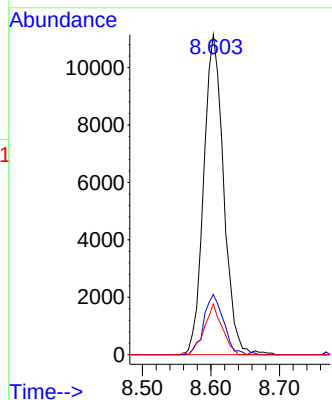
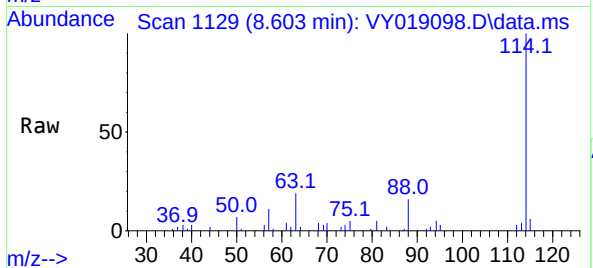
Tgt Ion:114 Resp: 22578

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.439 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY019098.D

Acq: 16 Aug 2024 17:06

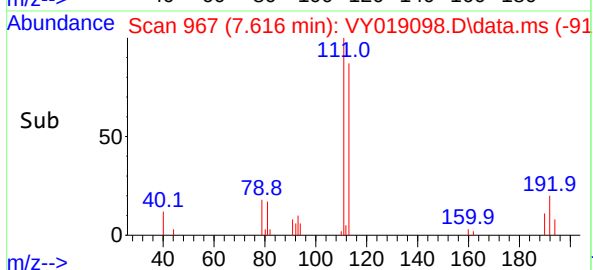
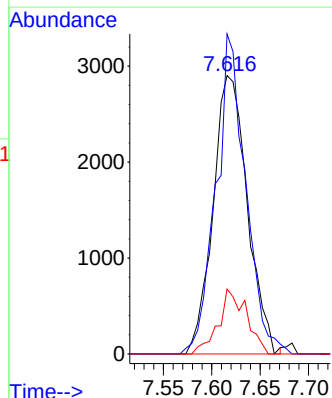
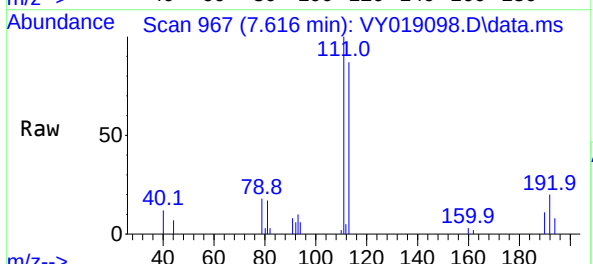
Tgt Ion:113 Resp: 7151

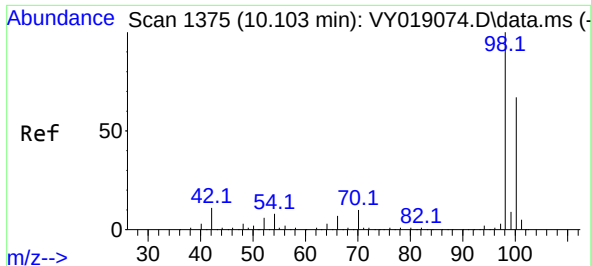
Ion Ratio Lower Upper

113 100

111 99.5 82.2 123.4

192 19.1 15.9 23.9

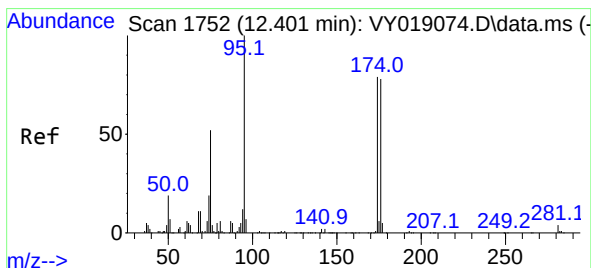
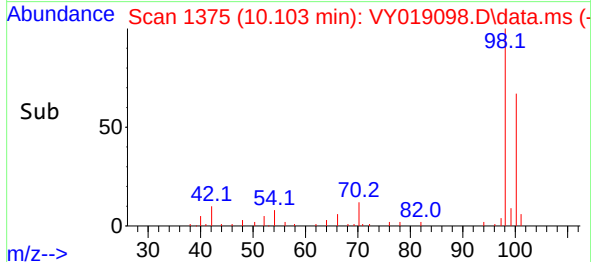
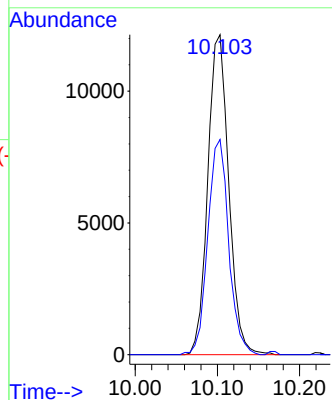
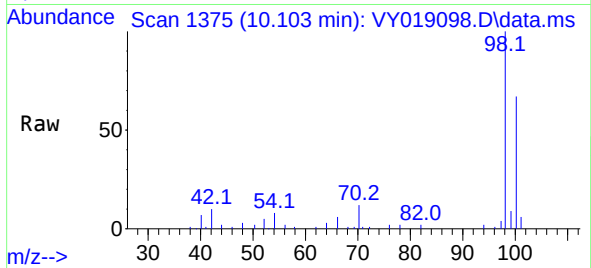




#50
Toluene-d8
Concen: 40.415 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019098.D
Acq: 16 Aug 2024 17:06

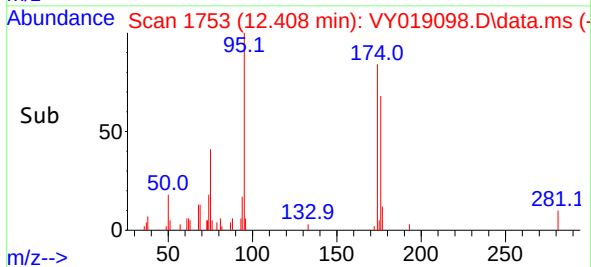
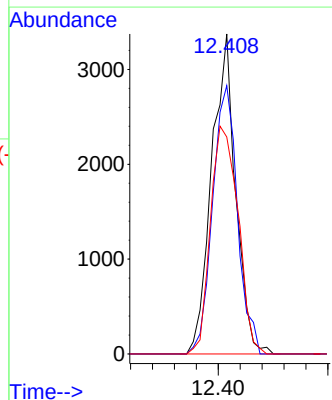
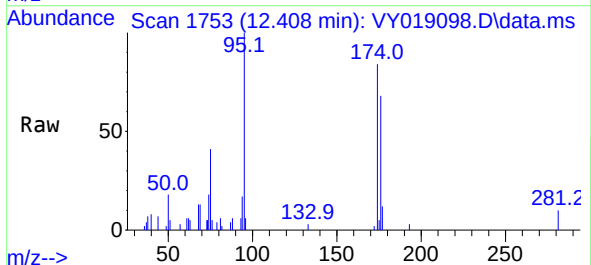
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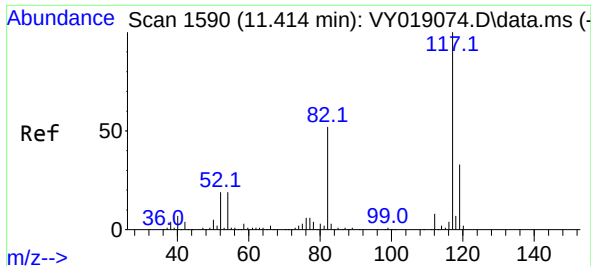
Tgt Ion: 98 Resp: 21471
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.359 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019098.D
Acq: 16 Aug 2024 17:06

Tgt Ion: 95 Resp: 5136
Ion Ratio Lower Upper
95 100
174 86.6 0.0 175.6
176 81.7 0.0 171.4

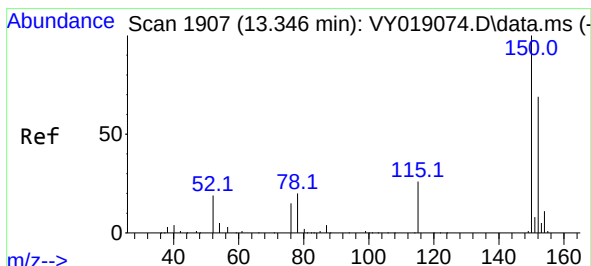
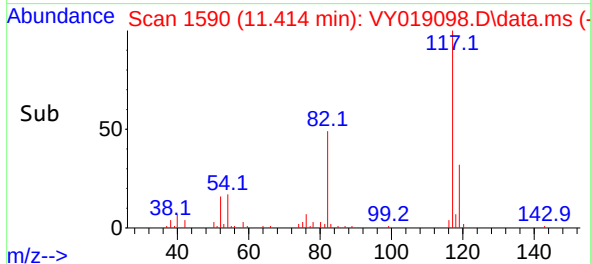
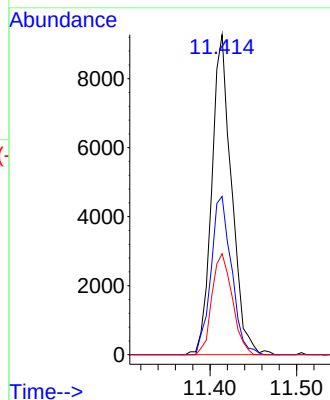
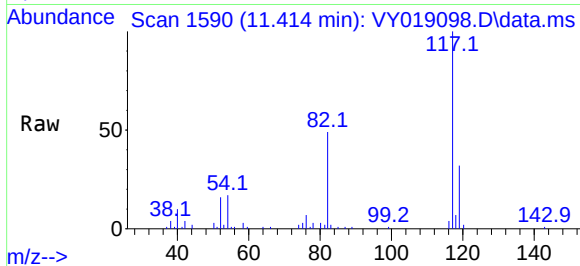




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019098.D
Acq: 16 Aug 2024 17:06

Instrument :
MSVOA_Y
ClientSampleId :
927-K1-SD-0.5-1.0-080724

Tgt Ion:	117	Resp:	14739
Ion	Ratio	Lower	Upper
117	100		
82	49.5	42.4	63.6
119	31.6	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019098.D
Acq: 16 Aug 2024 17:06

Tgt Ion:	152	Resp:	4245
Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.2	84.7
150	155.9	0.0	345.6

