

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019126.D
 Acq On : 19 Aug 2024 19:01
 Operator : SY/MD
 Sample : P3641-02
 Misc : 6.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-907-K1-0.5-1.0-081524

Quant Time: Aug 20 01:49:37 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	97852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	173303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	54527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	52883	53.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.820%
35) Dibromofluoromethane	7.622	113	55320	48.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.103	98	194916	47.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.401	95	58295	41.935	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.860%

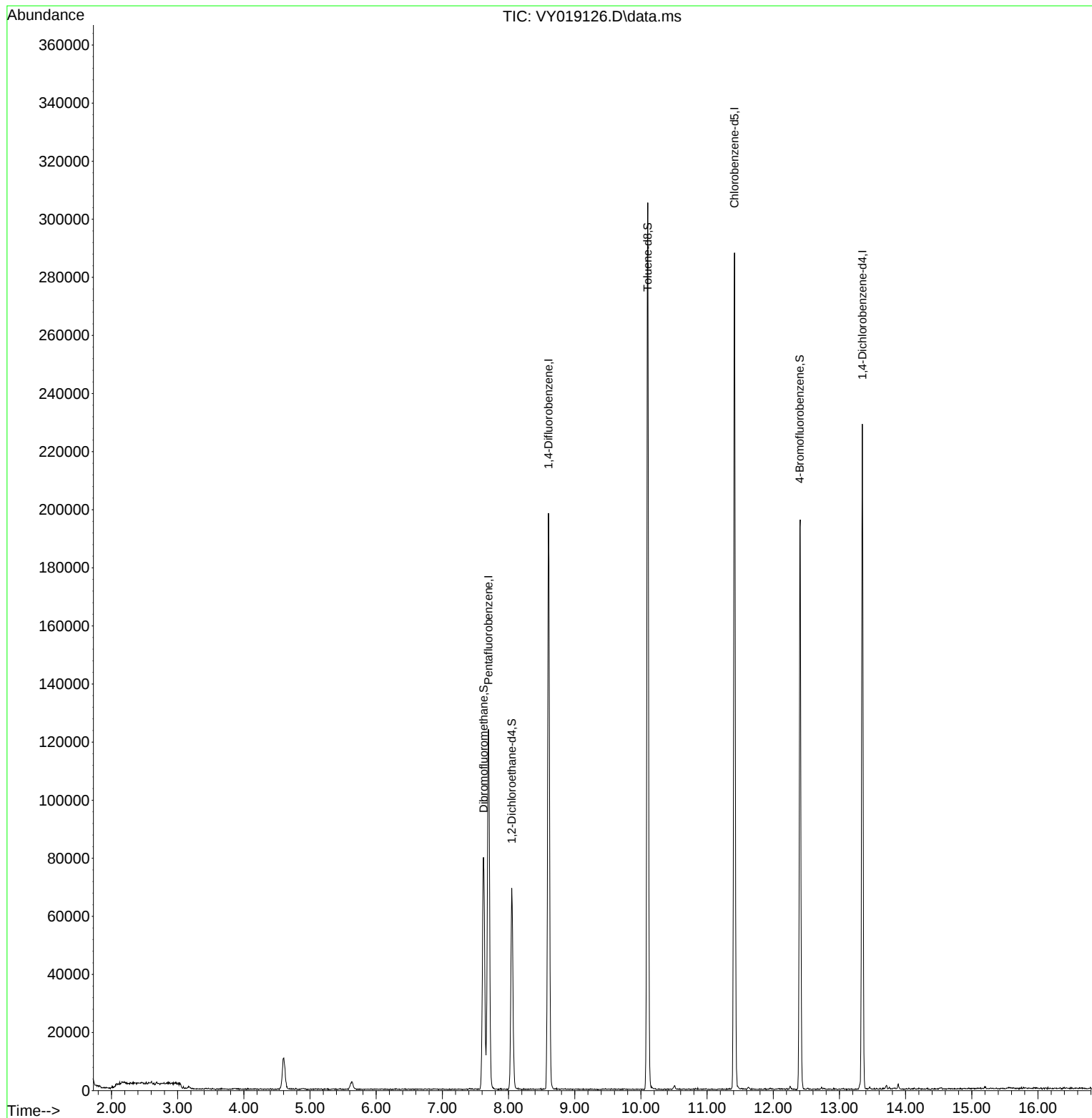
Target Compounds	Qvalue

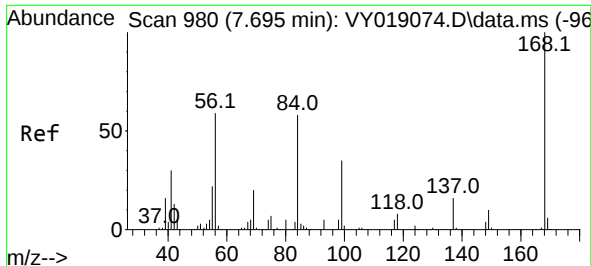
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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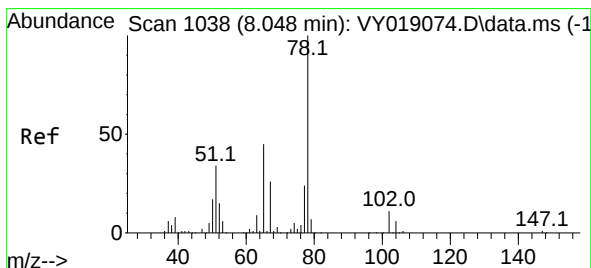
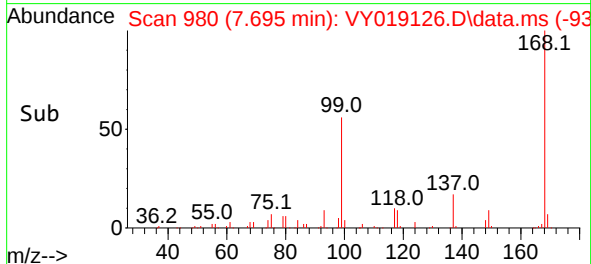
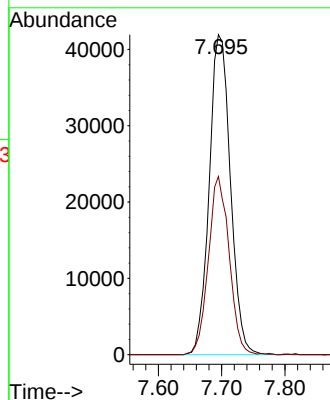
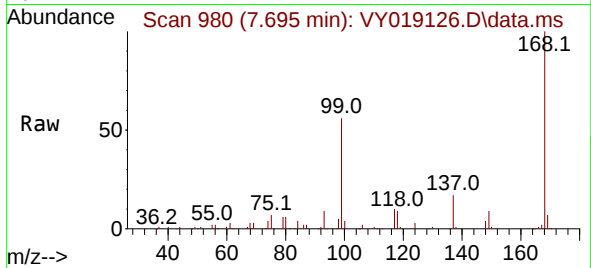




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

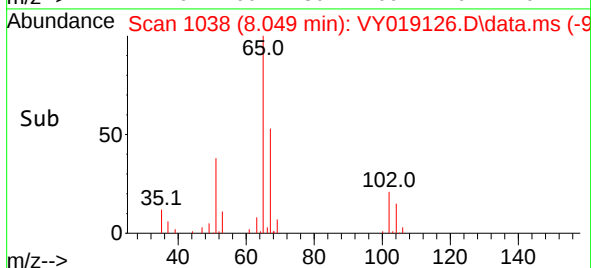
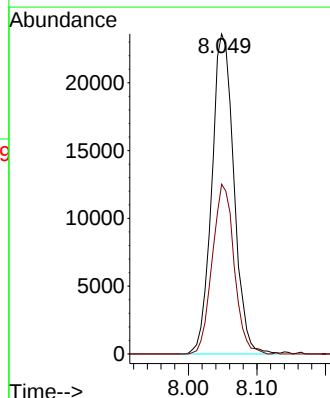
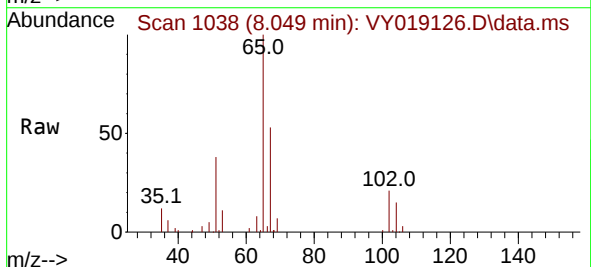
Instrument :
MSVOA_Y
ClientSampleId :
S-907-K1-0.5-1.0-081524

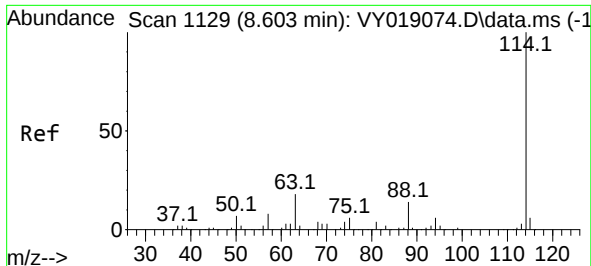
Tgt Ion:168 Resp: 97852
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.913 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Tgt Ion: 65 Resp: 52883
Ion Ratio Lower Upper
65 100
67 52.5 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: VY019126.D

Acq: 19 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

S-907-K1-0.5-1.0-081524

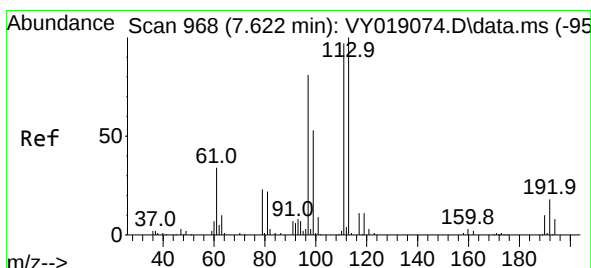
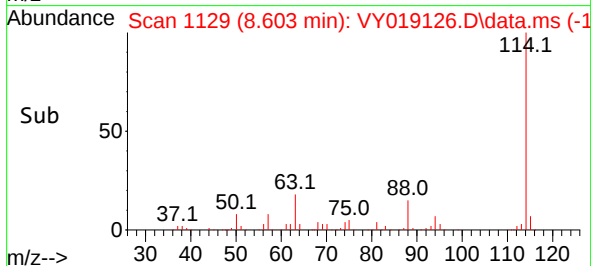
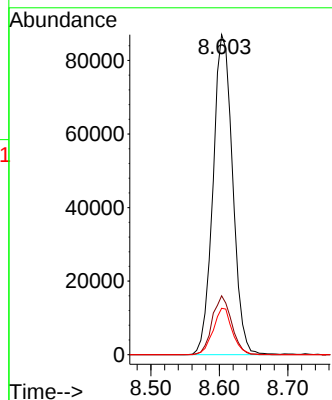
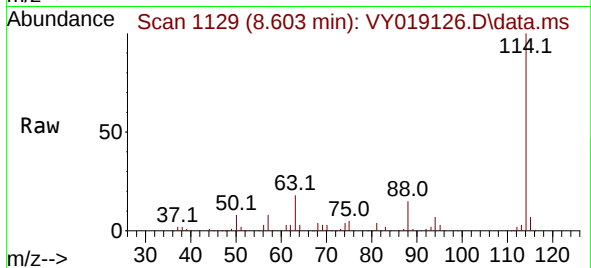
Tgt Ion:114 Resp: 173303

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.819 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019126.D

Acq: 19 Aug 2024 19:01

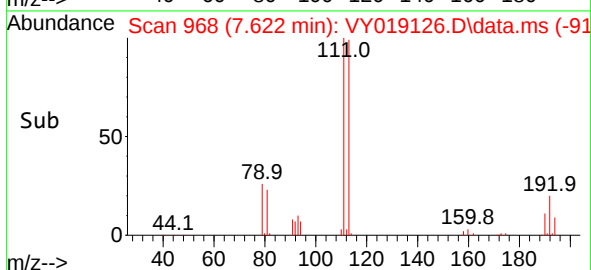
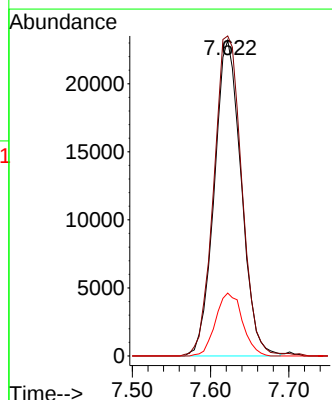
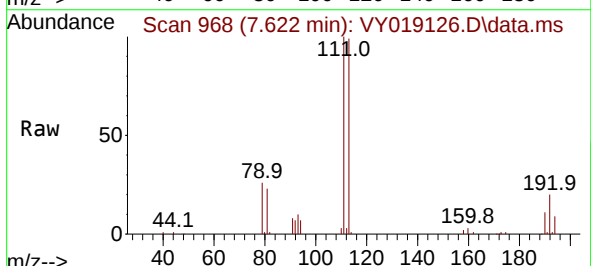
Tgt Ion:113 Resp: 55320

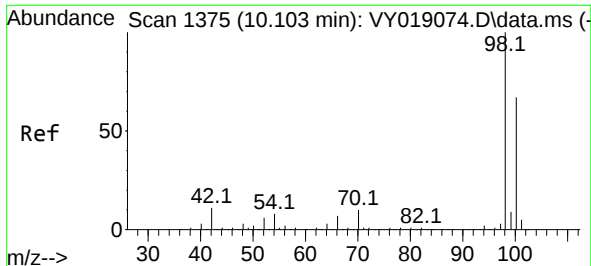
Ion Ratio Lower Upper

113 100

111 105.6 82.2 123.4

192 19.9 15.9 23.9

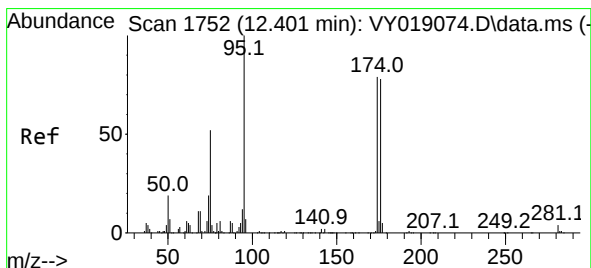
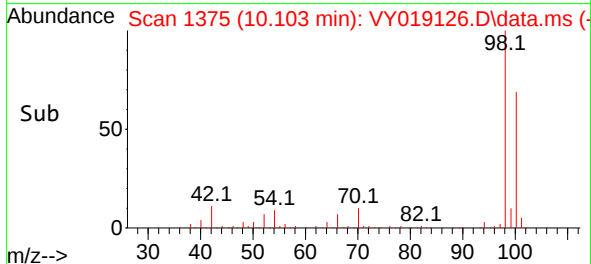
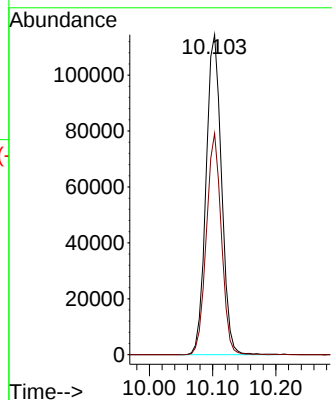
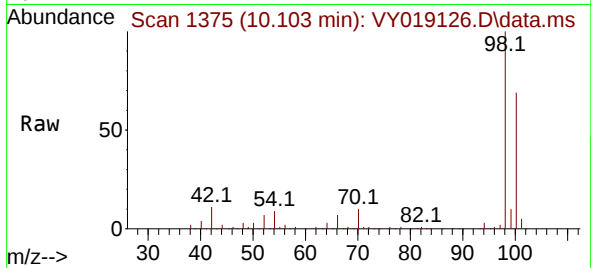




#50
Toluene-d8
Concen: 47.799 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

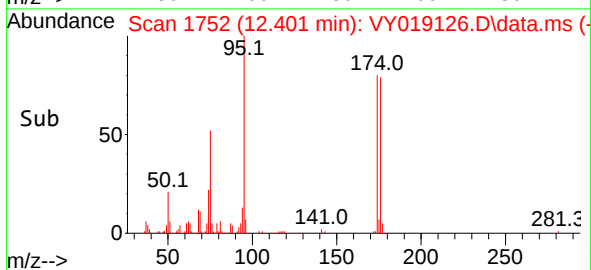
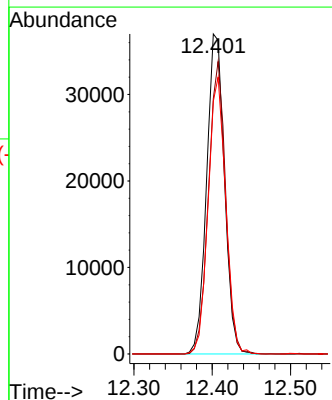
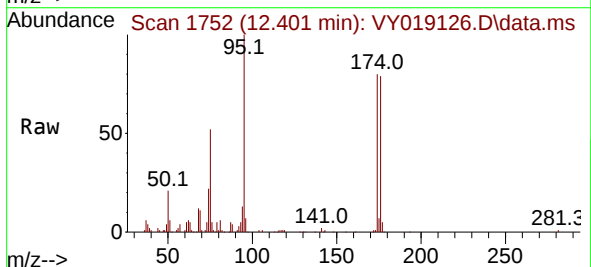
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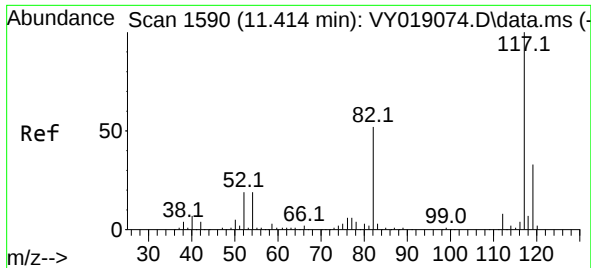
Tgt Ion: 98 Resp: 194916
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.935 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Tgt Ion: 95 Resp: 58295
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 85.3 0.0 171.4

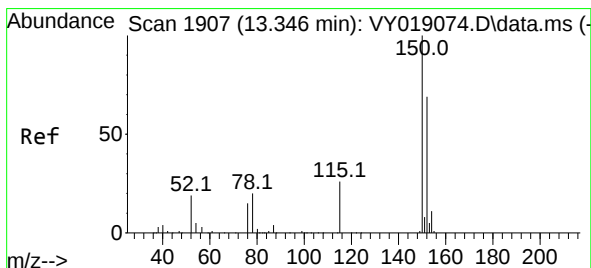
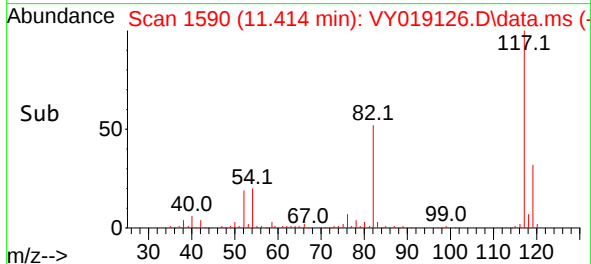
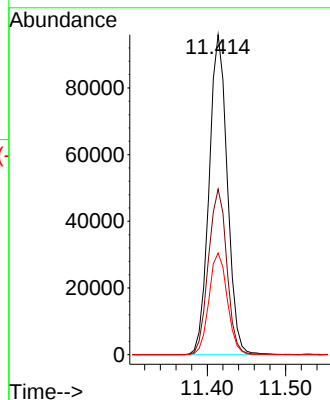
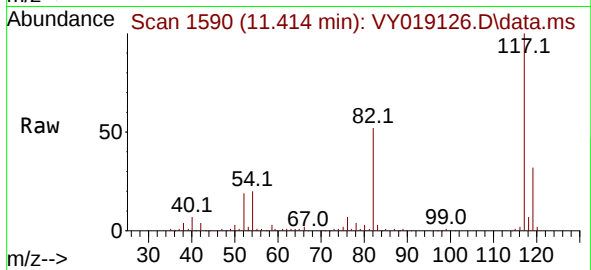




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:117 Resp: 154788
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 31.7 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: VY019126.D
Acq: 19 Aug 2024 19:01

Tgt Ion:152 Resp: 54527
Ion Ratio Lower Upper
152 100
115 59.9 28.2 84.7
150 160.0 0.0 345.6

