

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019251.D
 Acq On : 23 Aug 2024 12:39
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 23 22:56:16 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	7.701	168	89472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	162560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	144208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	53556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	45104	50.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.580%
35) Dibromofluoromethane	7.628	113	50315	47.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.680%
50) Toluene-d8	10.103	98	184063	48.120	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.407	95	53231	40.823	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	81.640%

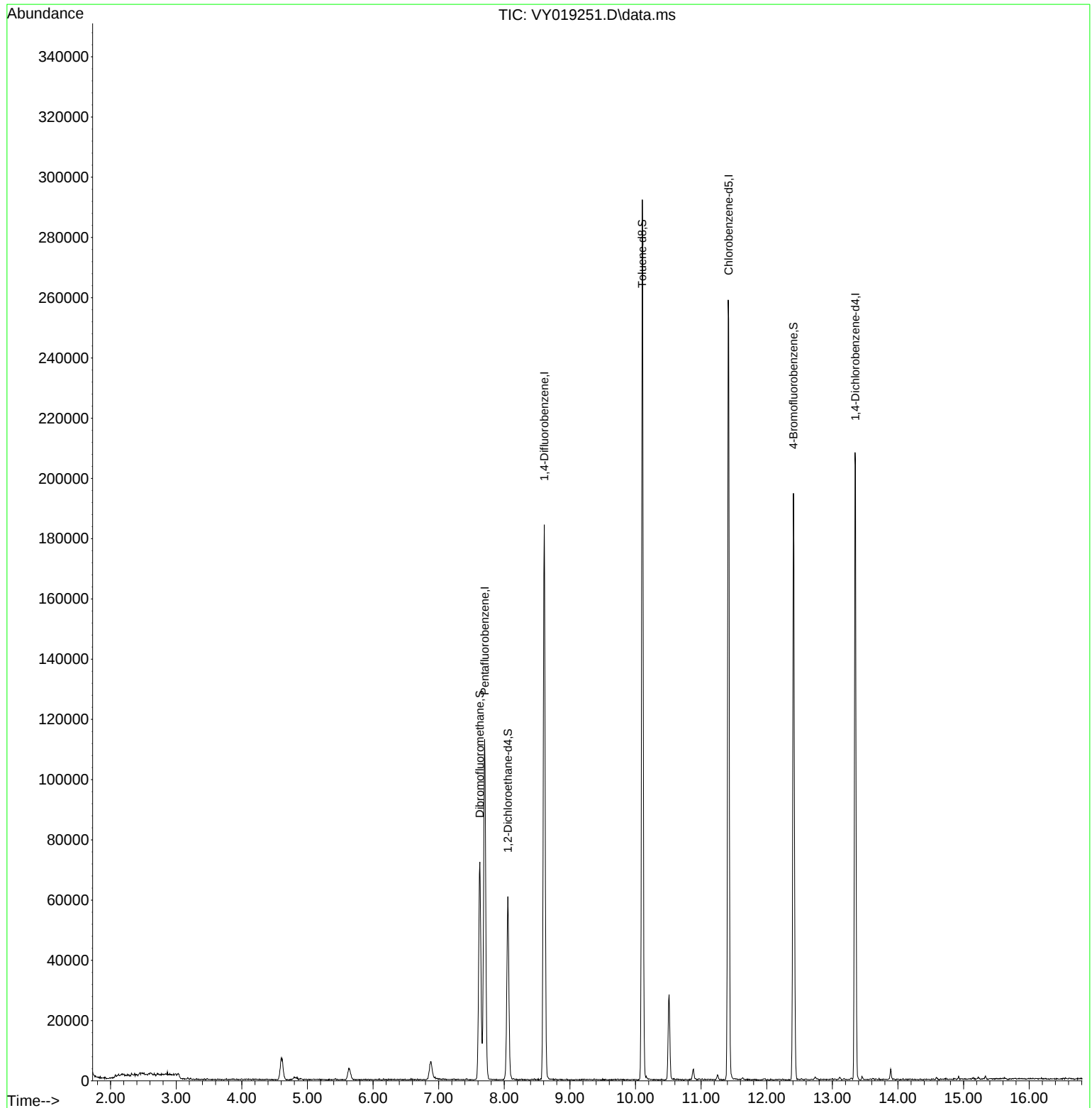
Target Compounds	Qvalue

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

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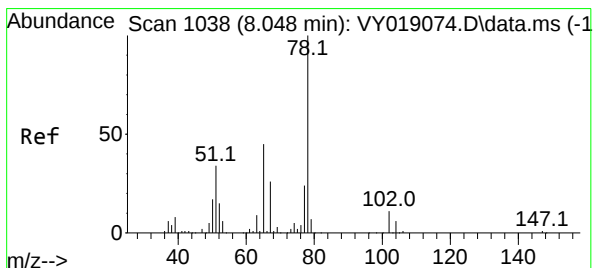
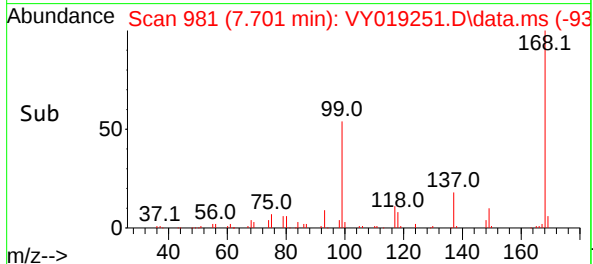
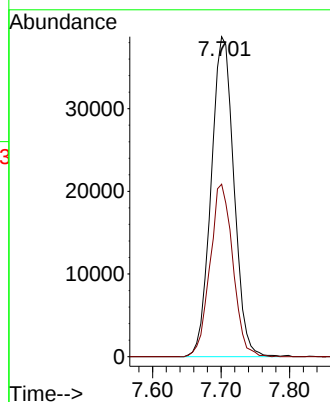
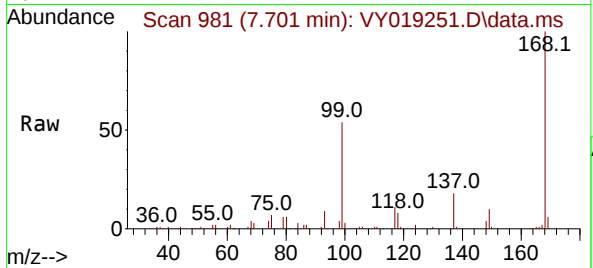




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019251.D
Acq: 23 Aug 2024 12:39

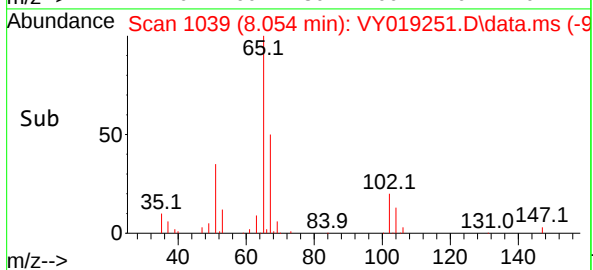
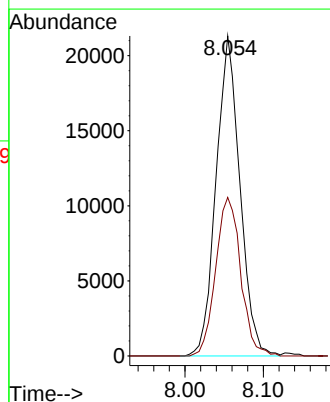
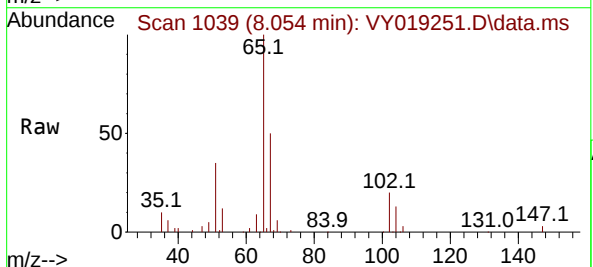
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 89472
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.290 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019251.D
Acq: 23 Aug 2024 12:39

Tgt Ion: 65 Resp: 45104
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

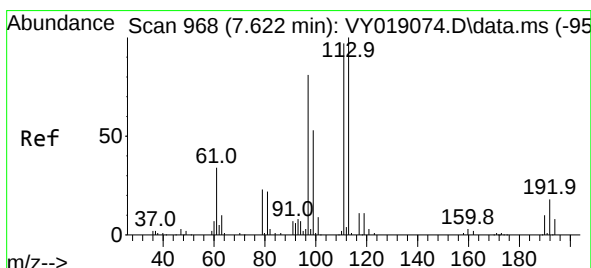
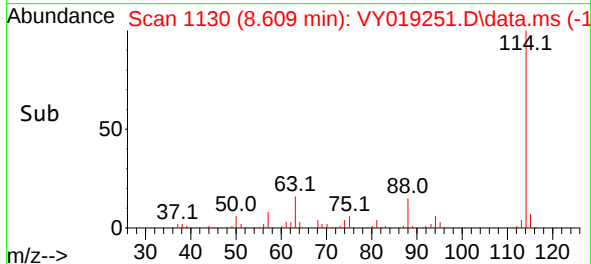
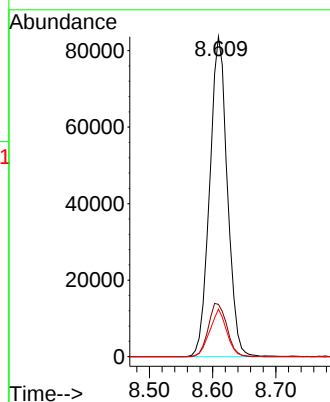
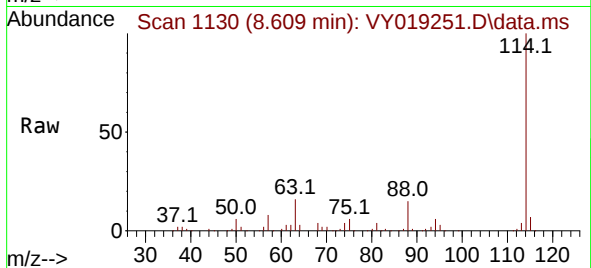




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019251.D
Acq: 23 Aug 2024 12:39

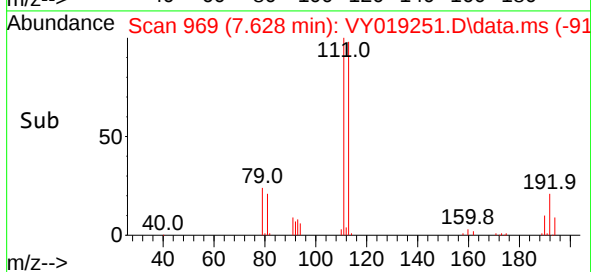
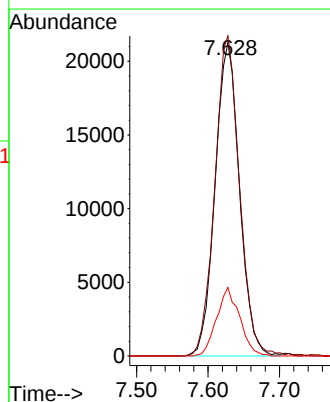
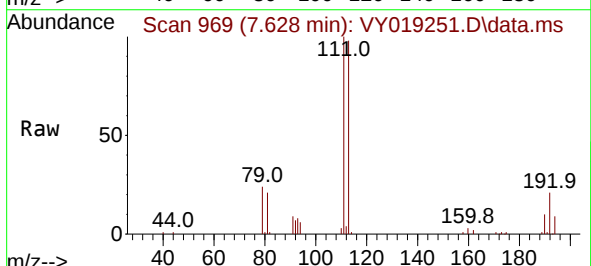
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

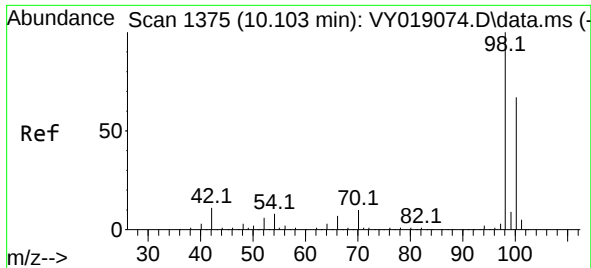
Tgt Ion:114 Resp: 162560
Ion Ratio Lower Upper
114 100
63 16.3 0.0 35.0
88 14.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.337 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019251.D
Acq: 23 Aug 2024 12:39

Tgt Ion:113 Resp: 50315
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.7 15.9 23.9

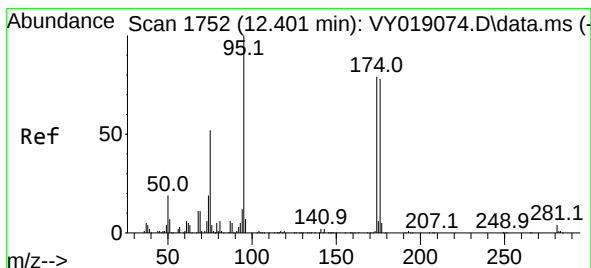
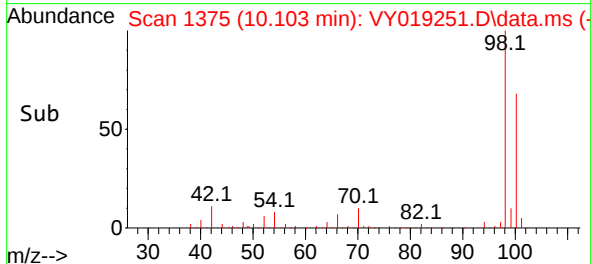
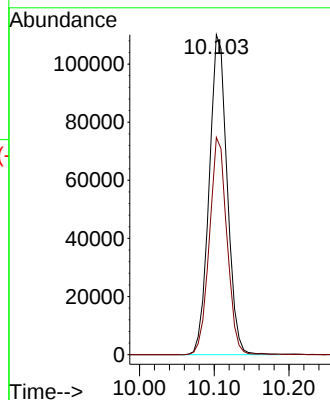
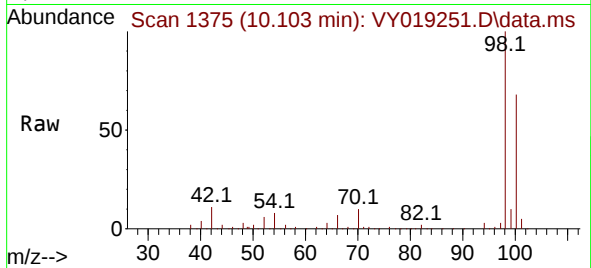




#50
Toluene-d8
Concen: 48.120 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019251.D
Acq: 23 Aug 2024 12:39

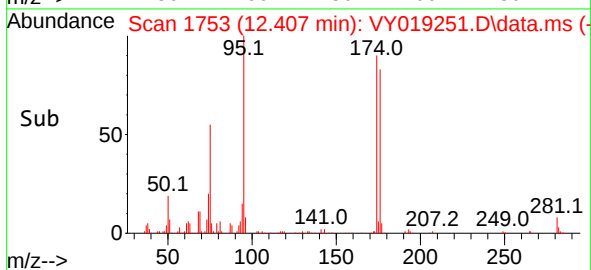
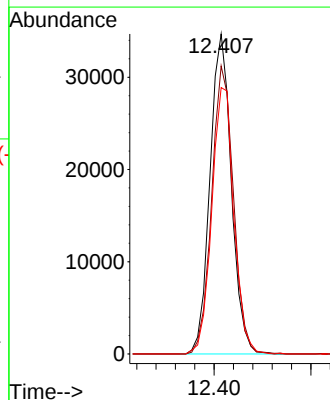
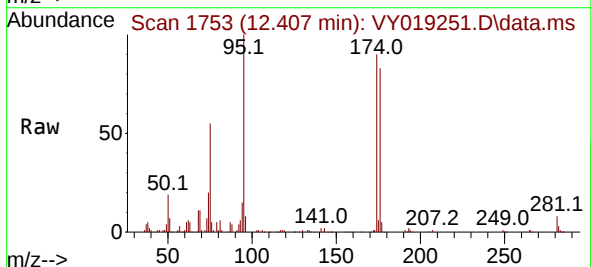
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

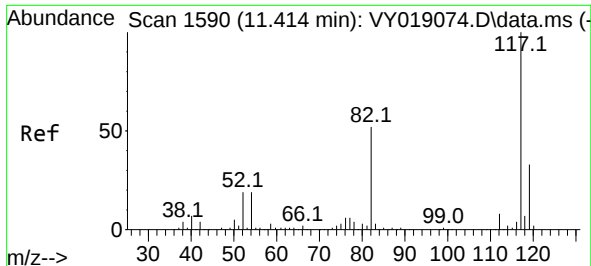
Tgt Ion: 98 Resp: 184063
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.823 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019251.D
Acq: 23 Aug 2024 12:39

Tgt Ion: 95 Resp: 53231
Ion Ratio Lower Upper
95 100
174 91.4 0.0 175.6
176 85.9 0.0 171.4

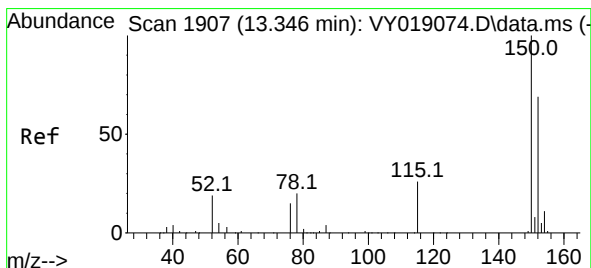
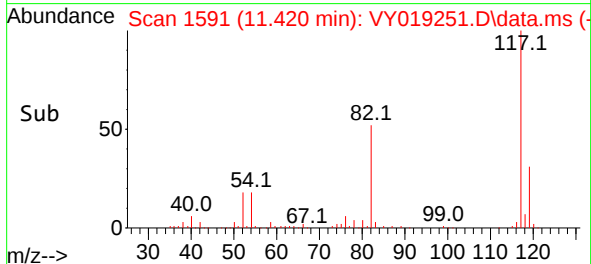
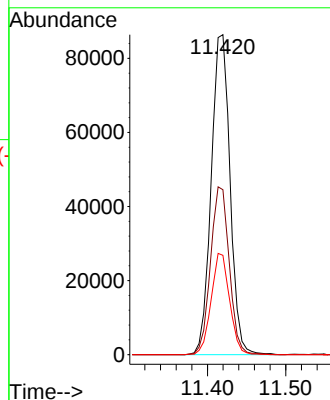
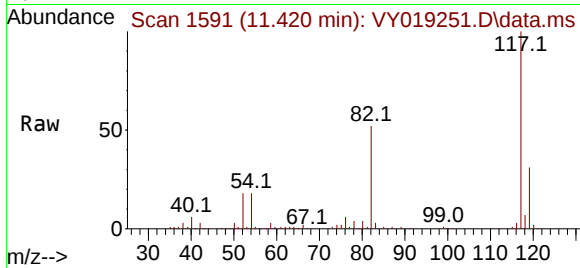




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019251.D
Acq: 23 Aug 2024 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 144208
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019251.D
Acq: 23 Aug 2024 12:39

Tgt Ion:152 Resp: 53556
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.5 0.0 345.6

