

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019192.D
 Acq On : 22 Aug 2024 02:11
 Operator : SY/MD
 Sample : VY0821SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0821SBL02

Quant Time: Aug 22 03:47:17 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	118099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	198889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	166968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	72810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	67459	56.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.960%
35) Dibromofluoromethane	7.622	113	67145	51.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.109	98	231729	49.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.408	95	72570	45.488	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.980%

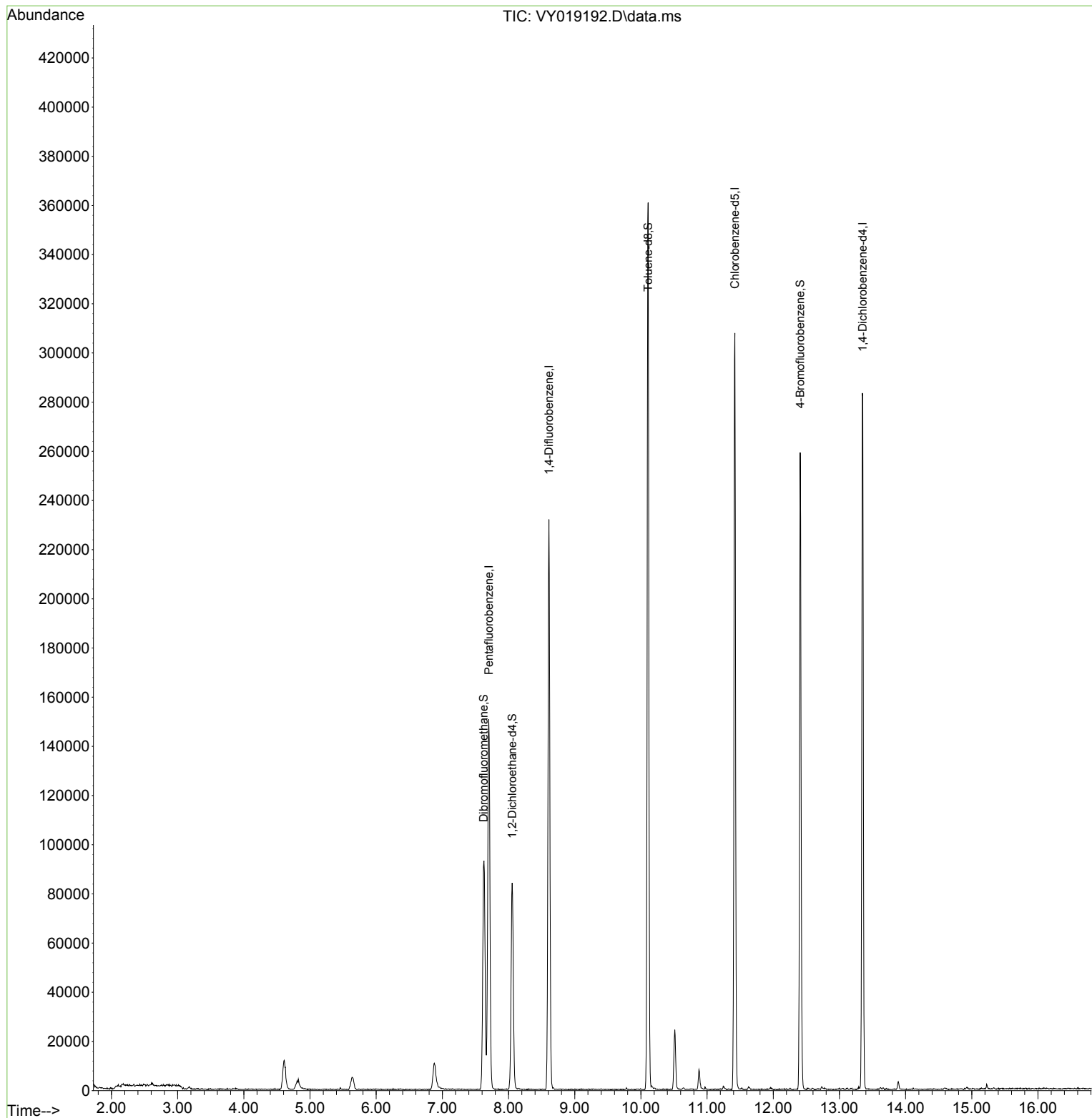
Target Compounds	Qvalue

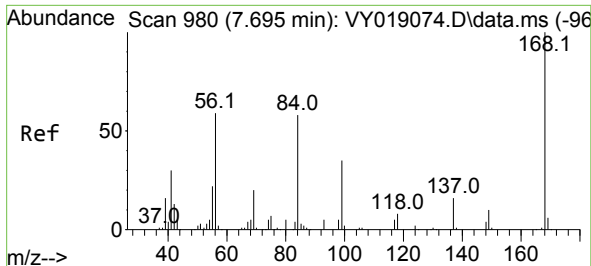
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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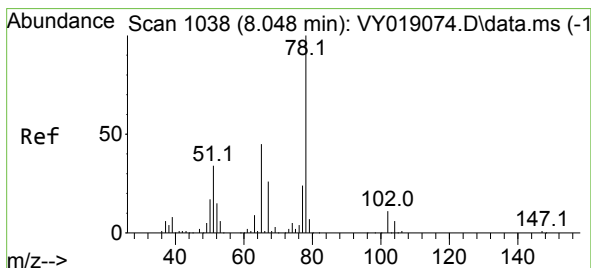
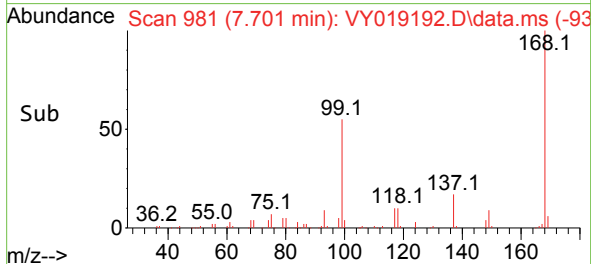
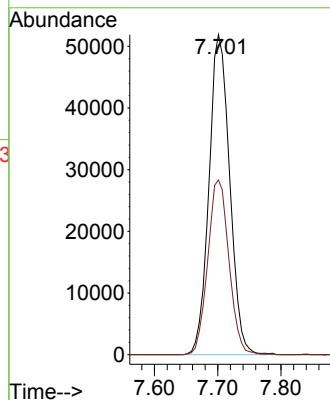
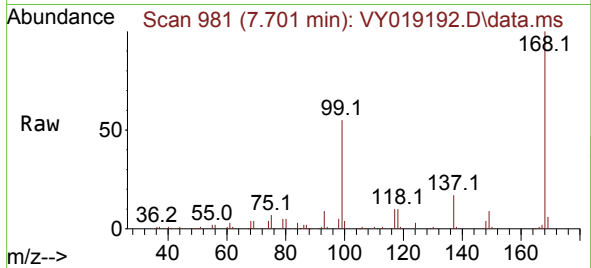




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019192.D
Acq: 22 Aug 2024 02:11

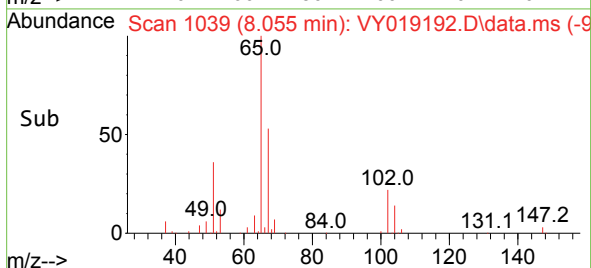
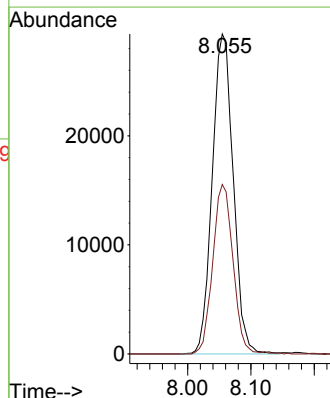
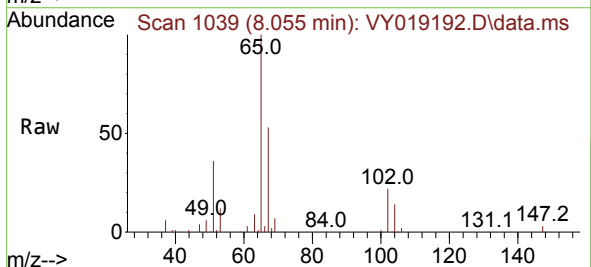
Instrument :
MSVOA_Y
ClientSampleId :
VY0821SBL02

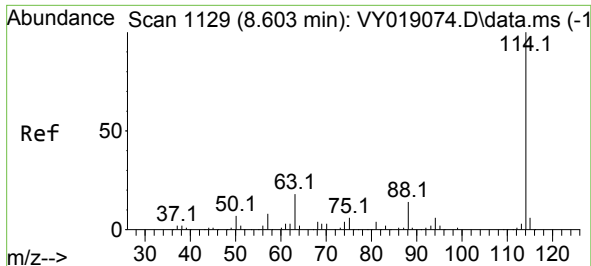
Tgt Ion:168 Resp: 118099
Ion Ratio Lower Upper
168 100
99 54.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.983 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019192.D
Acq: 22 Aug 2024 02:11

Tgt Ion: 65 Resp: 67459
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6

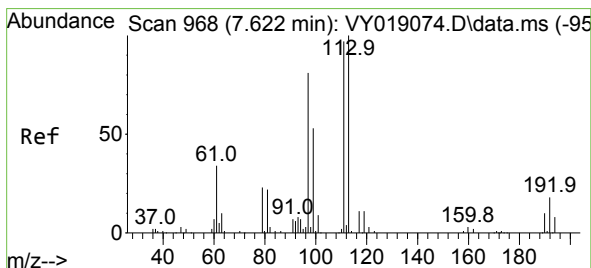
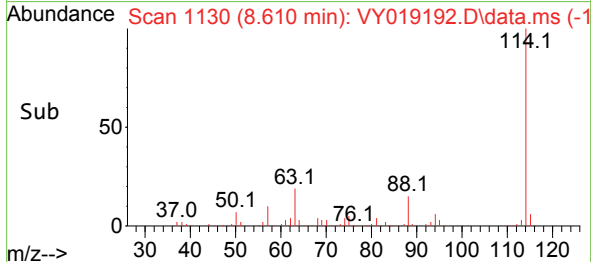
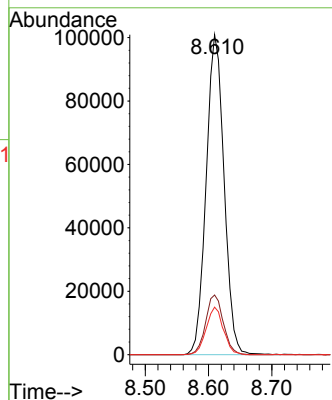
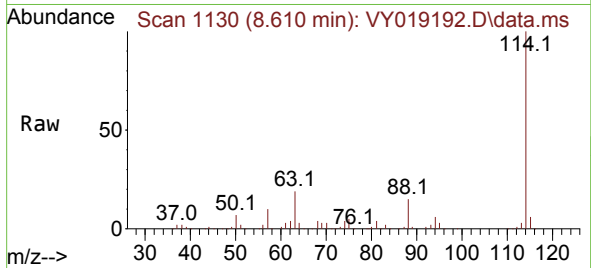




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY019192.D
 Acq: 22 Aug 2024 02:11

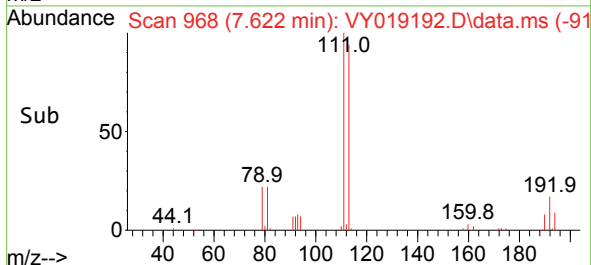
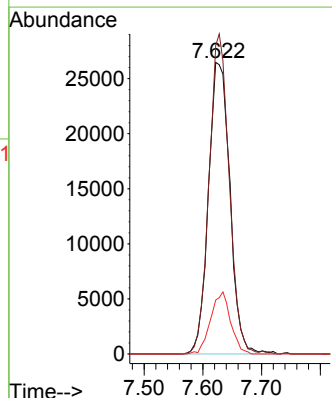
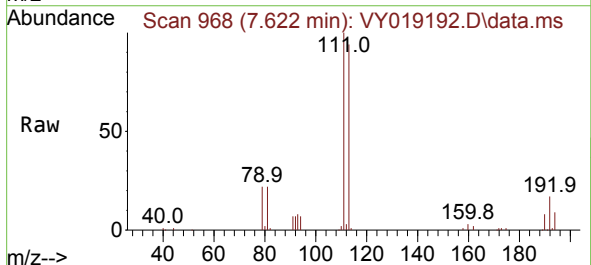
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0821SBL02

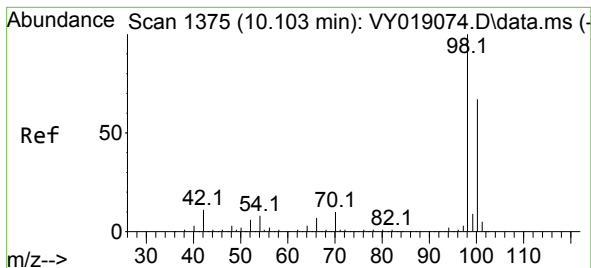
Tgt Ion:114 Resp: 198889
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.0
 88 14.9 0.0 27.2



#35
 Dibromofluoromethane
 Concen: 51.632 ug/l
 RT: 7.622 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VY019192.D
 Acq: 22 Aug 2024 02:11

Tgt Ion:113 Resp: 67145
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 19.8 15.9 23.9





#50

Toluene-d8

Concen: 49.516 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019192.D

Acq: 22 Aug 2024 02:11

Instrument :

MSVOA_Y

ClientSampleId :

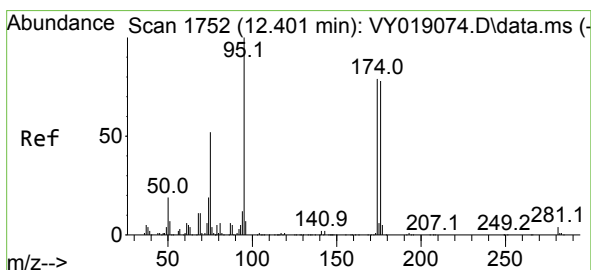
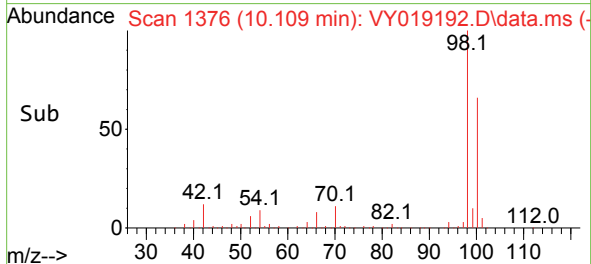
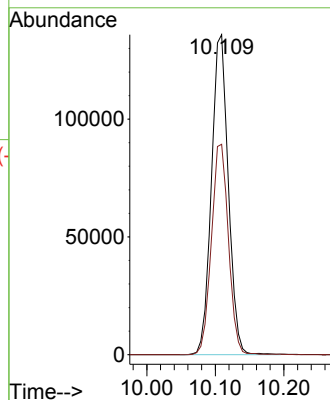
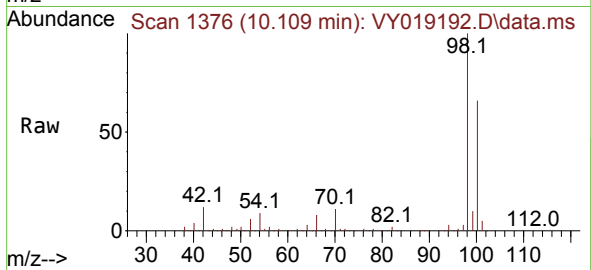
VY0821SBL02

Tgt Ion: 98 Resp: 231729

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.488 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019192.D

Acq: 22 Aug 2024 02:11

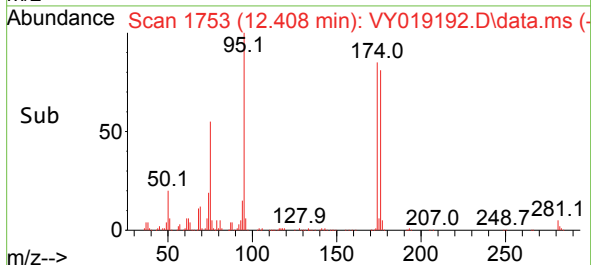
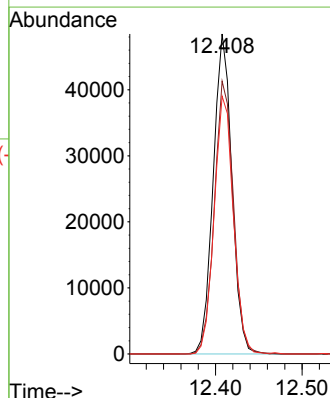
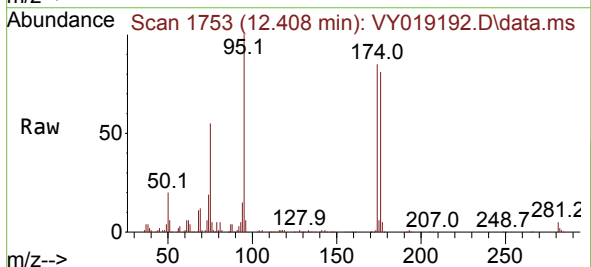
Tgt Ion: 95 Resp: 72570

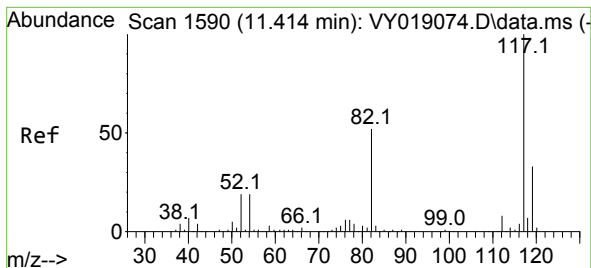
Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.6

176 82.7 0.0 171.4

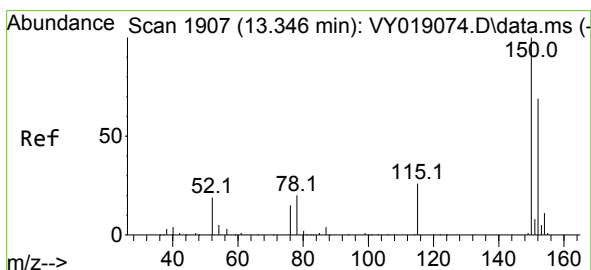
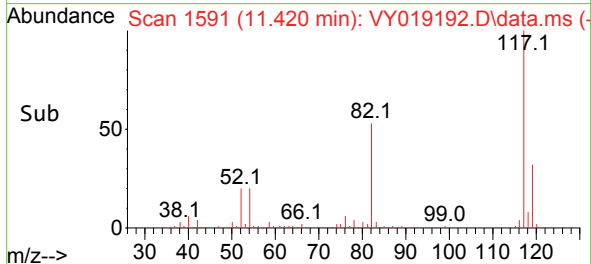
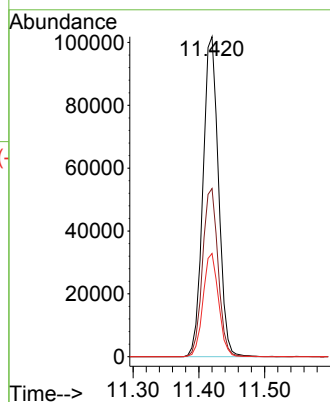
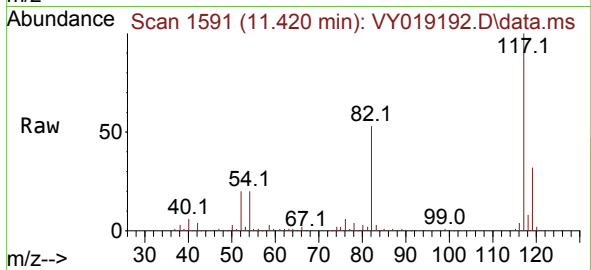




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019192.D
Acq: 22 Aug 2024 02:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0821SBL02

Tgt Ion:117 Resp: 166968
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019192.D
Acq: 22 Aug 2024 02:11

Tgt Ion:152 Resp: 72810
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 155.8 0.0 345.6

