

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016901.D
 Acq On : 02 Jan 2024 17:54
 Operator : SY/MD
 Sample : P1004-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-01022024

Quant Time: Jan 03 00:21:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	115638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	243974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	88748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57466	50.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.560%
35) Dibromofluoromethane	7.734	113	62250	40.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.080%
50) Toluene-d8	10.191	98	228137	42.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.220%
62) 4-Bromofluorobenzene	12.495	95	72390	40.078	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.160%

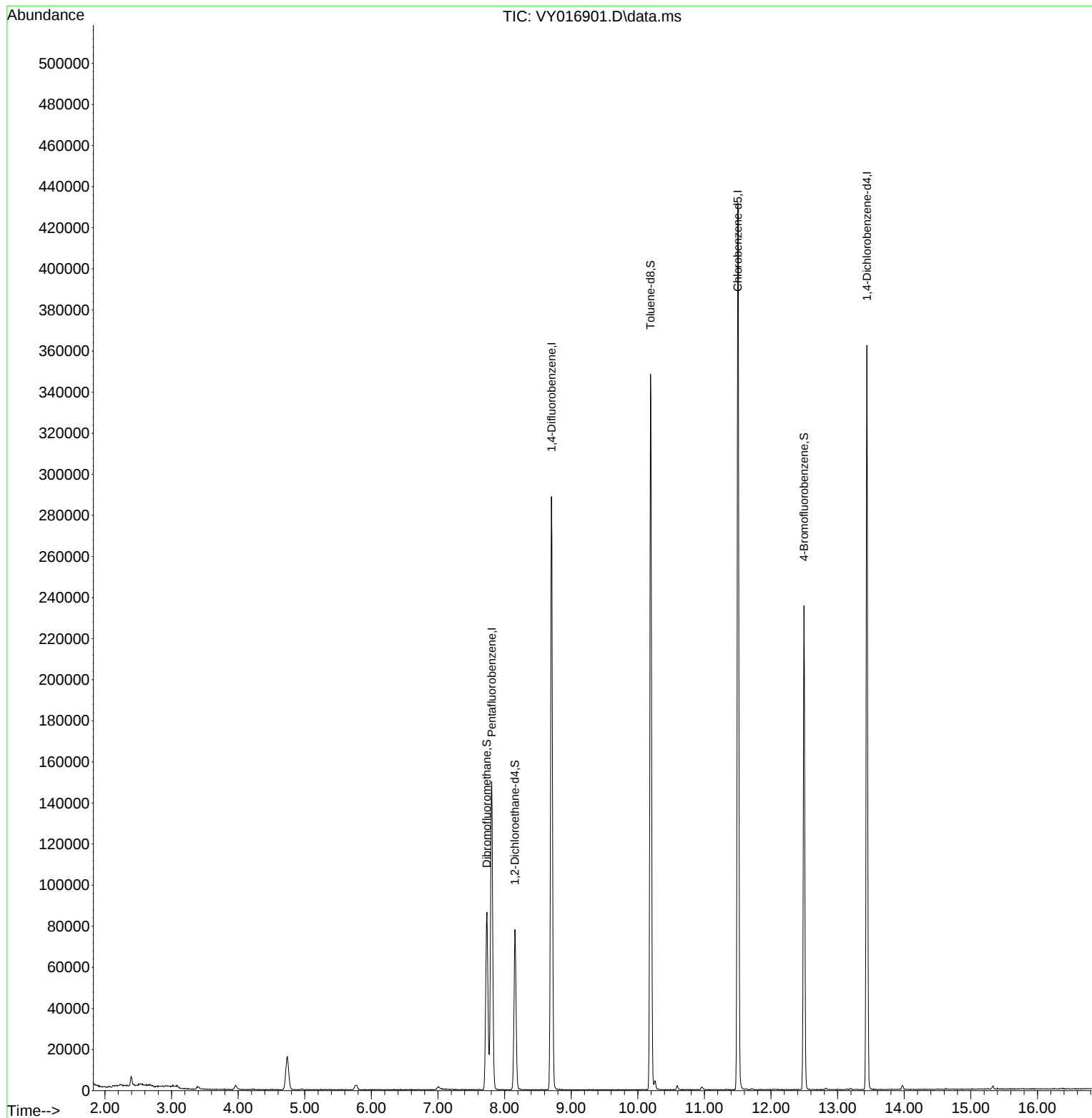
Target Compounds	Qvalue

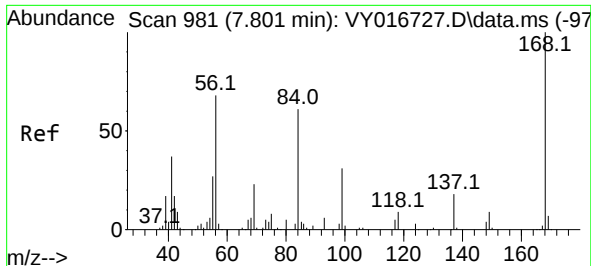
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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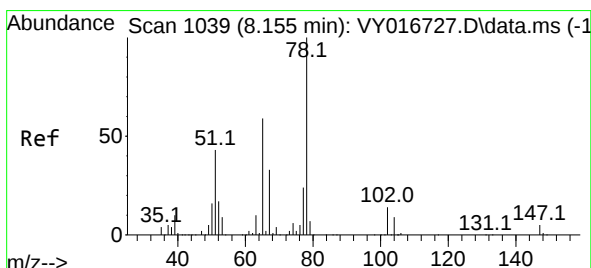
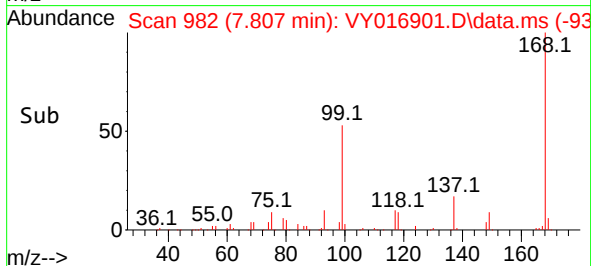
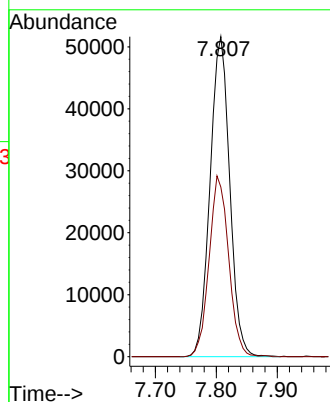
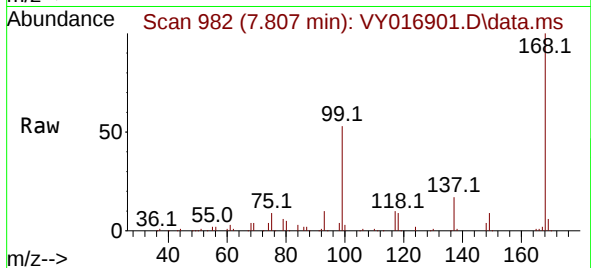




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

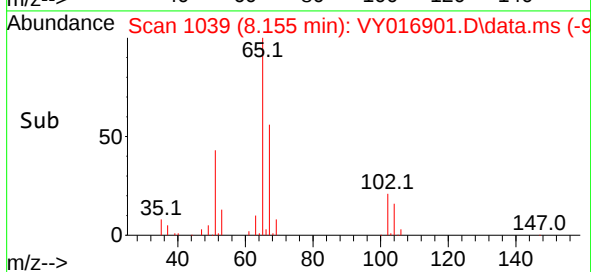
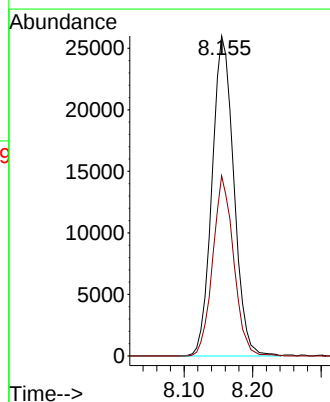
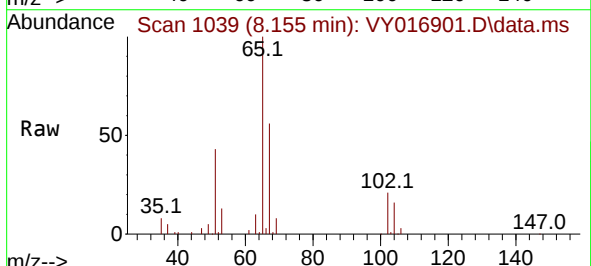
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-01022024

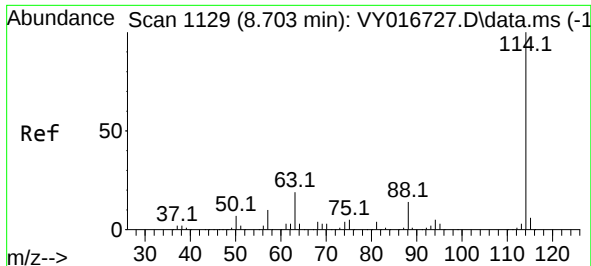
Tgt Ion:168 Resp: 115638
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.280 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

Tgt Ion: 65 Resp: 57466
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016901.D

Acq: 02 Jan 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-01022024

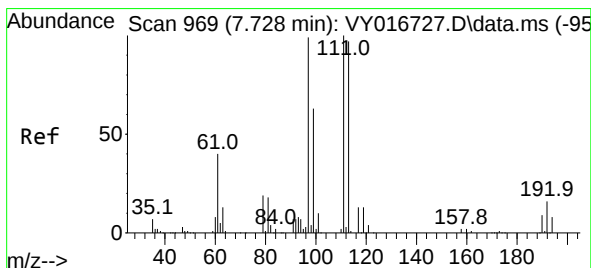
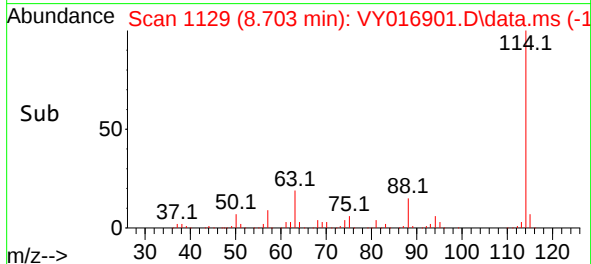
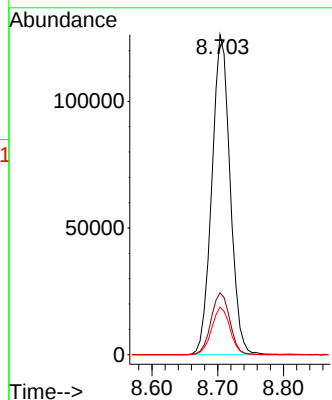
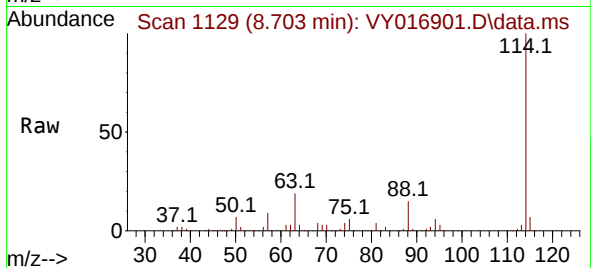
Tgt Ion:114 Resp: 243974

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.040 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016901.D

Acq: 02 Jan 2024 17:54

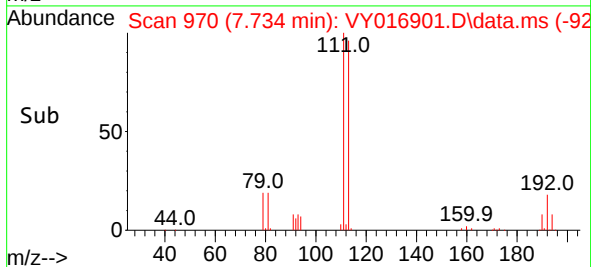
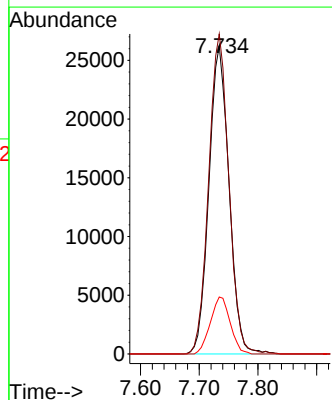
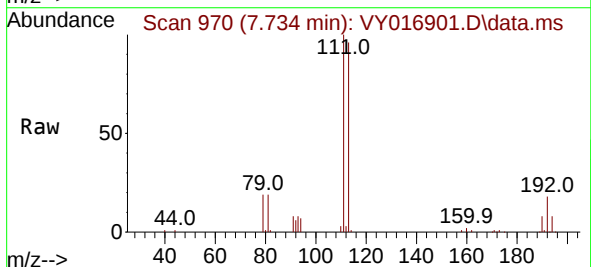
Tgt Ion:113 Resp: 62250

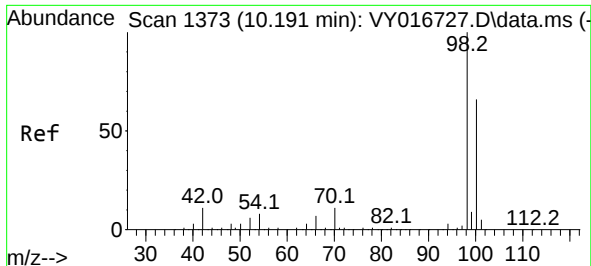
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 18.2 14.5 21.7

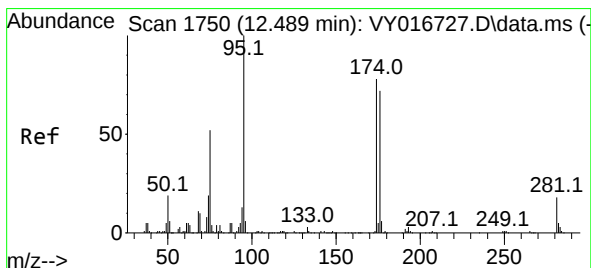
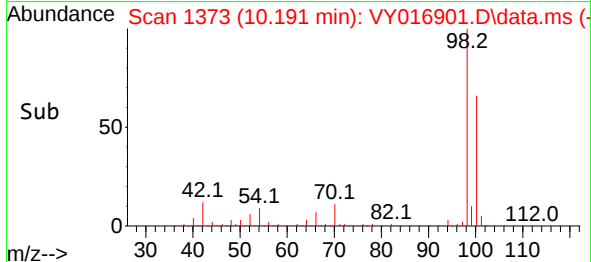
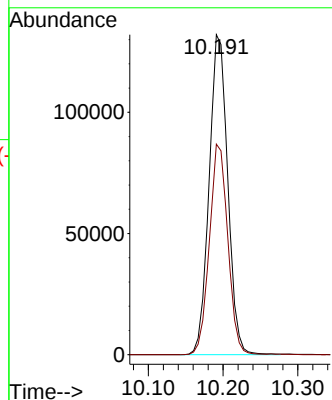
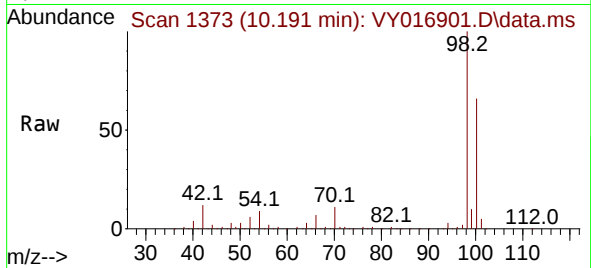




#50
Toluene-d8
Concen: 42.614 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

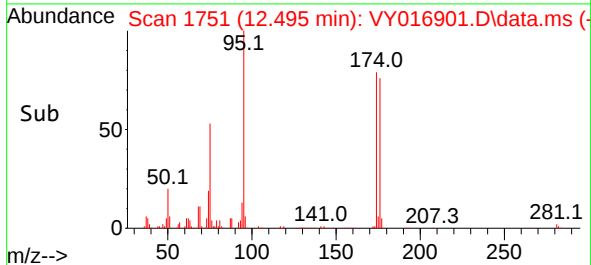
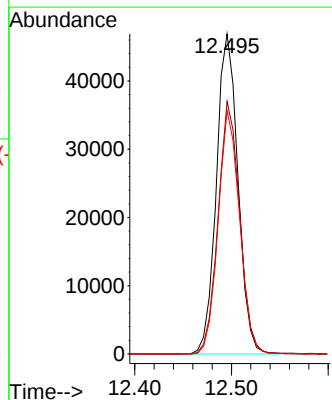
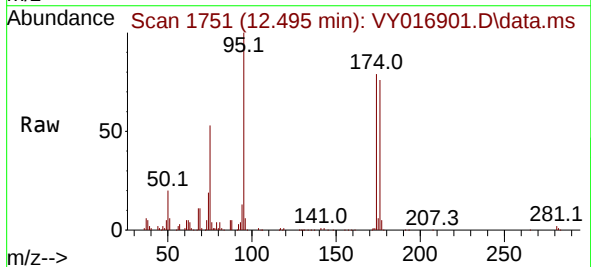
Instrument :
MSVOA_Y
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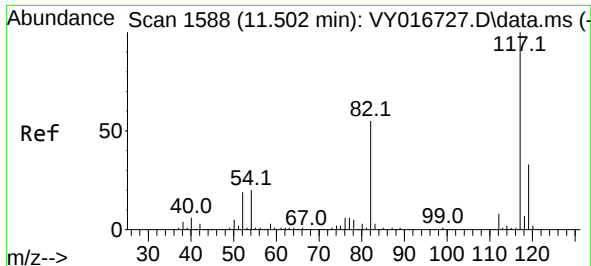
Tgt Ion: 98 Resp: 228137
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 40.078 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

Tgt Ion: 95 Resp: 72390
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 75.7 0.0 151.8

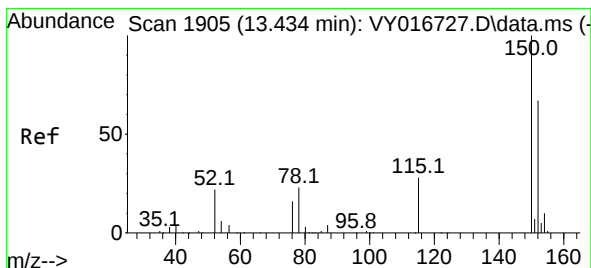
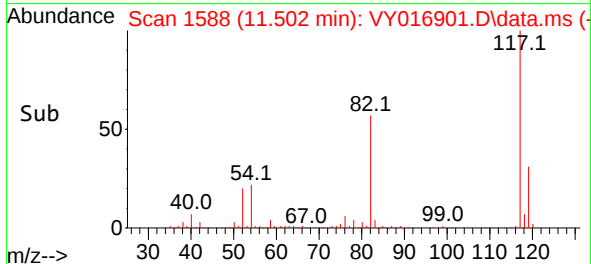
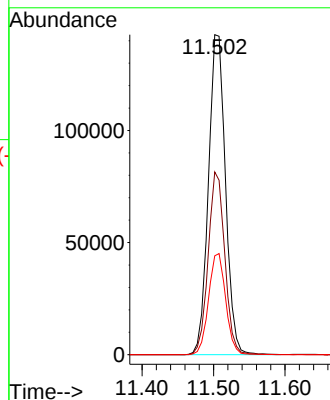
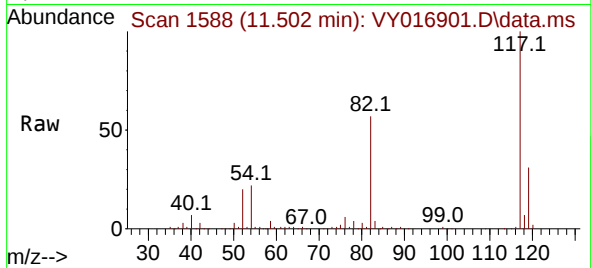




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-01022024

Tgt Ion:117 Resp: 236269
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.8
119 30.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016901.D
Acq: 02 Jan 2024 17:54

Tgt Ion:152 Resp: 88748
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 157.0 0.0 344.6

