

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015039.D
 Acq On : 10 Aug 2023 19:47
 Operator : SY/MD
 Sample : 03955-07
 Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-24

Quant Time: Aug 11 01:58:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	223880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	377884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	365917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176099	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	139155	51.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.560%
35) Dibromofluoromethane	7.722	113	119262	49.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.179	98	444394	48.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.477	95	166056	50.940	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.880%

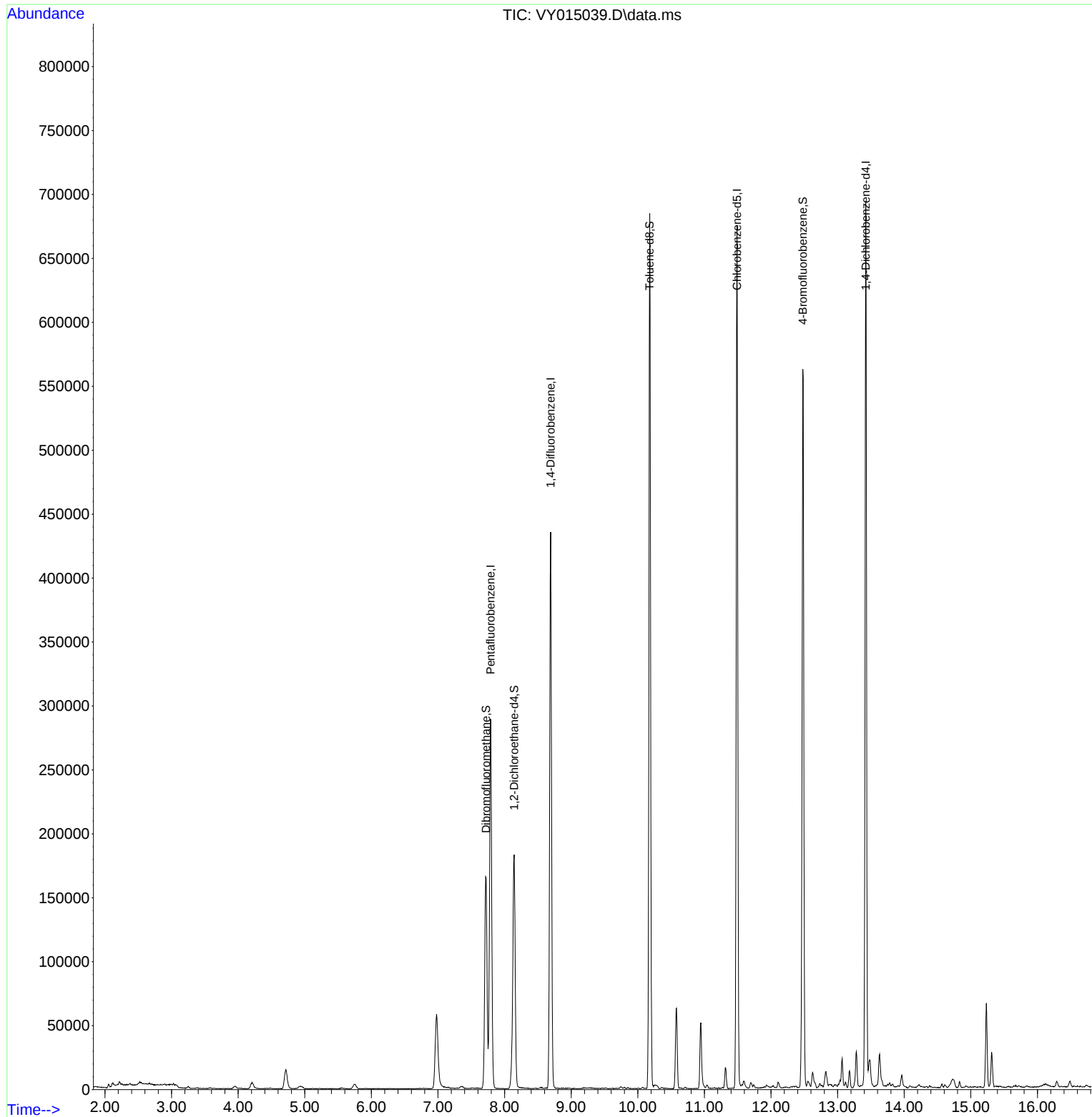
Target Compounds	Qvalue

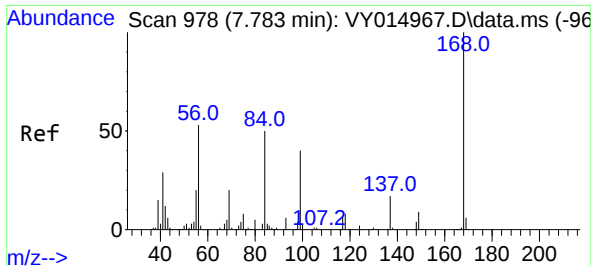
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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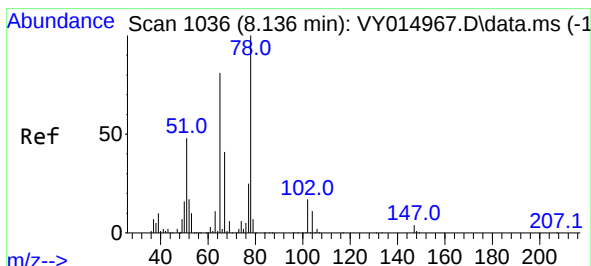
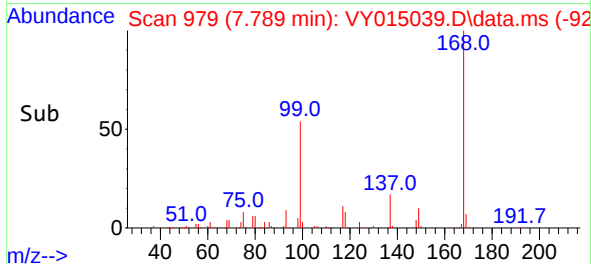
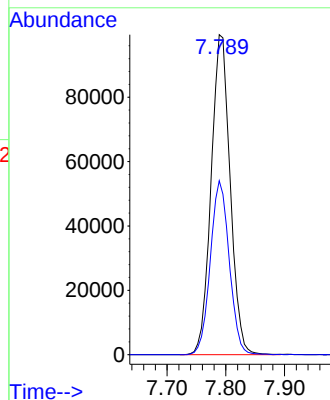
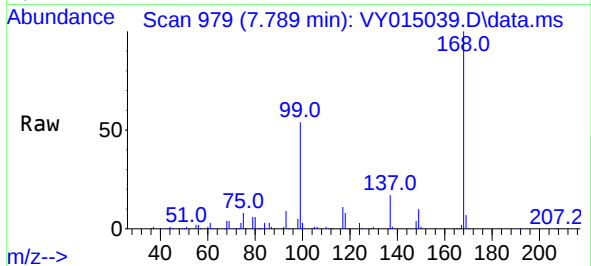




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015039.D
Acq: 10 Aug 2023 19:47

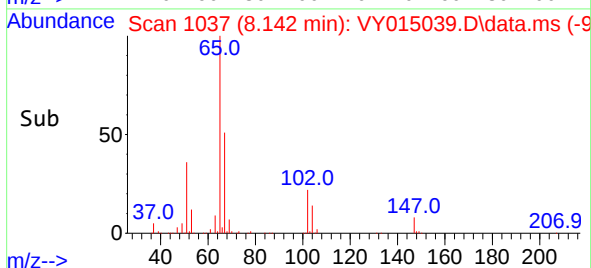
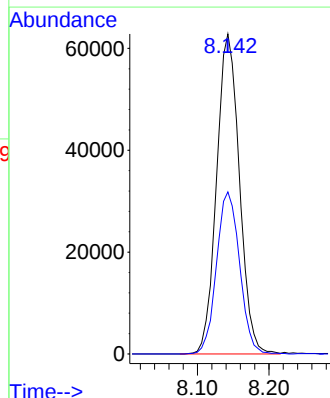
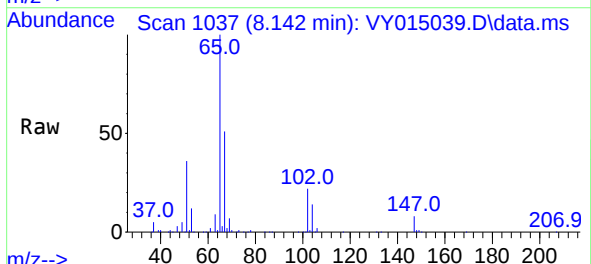
Instrument :
MSVOA_Y
ClientSampleId :
WC-24

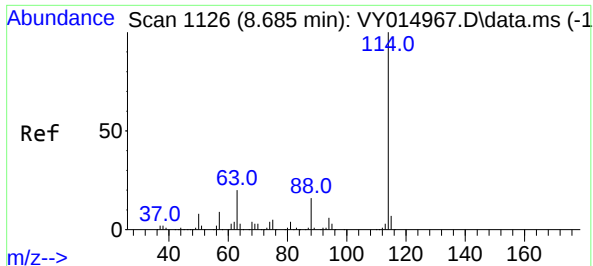
Tgt Ion:168 Resp: 223880
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.283 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015039.D
Acq: 10 Aug 2023 19:47

Tgt Ion: 65 Resp: 139155
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015039.D

Acq: 10 Aug 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

WC-24

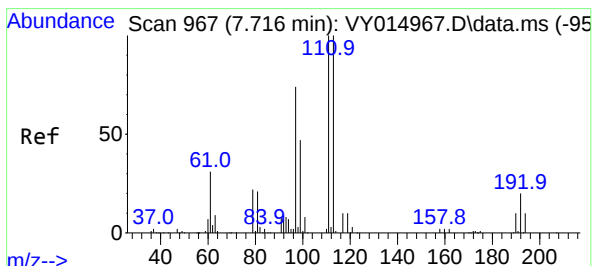
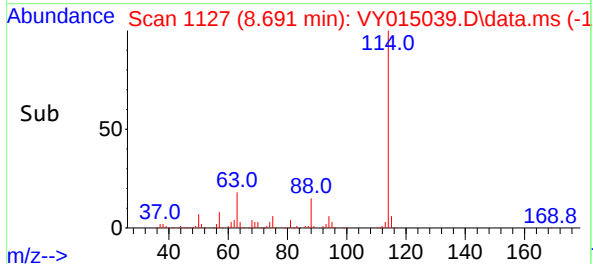
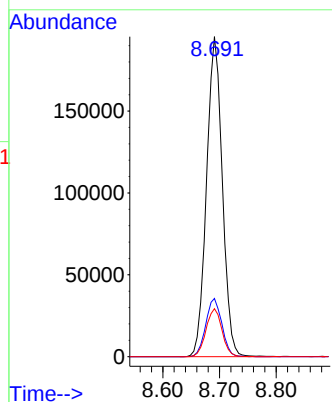
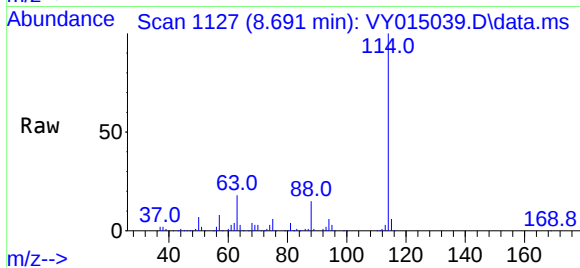
Tgt Ion:114 Resp: 377884

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.353 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015039.D

Acq: 10 Aug 2023 19:47

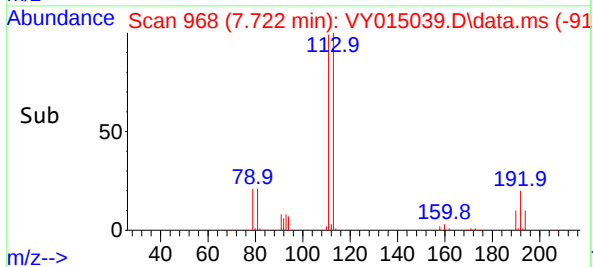
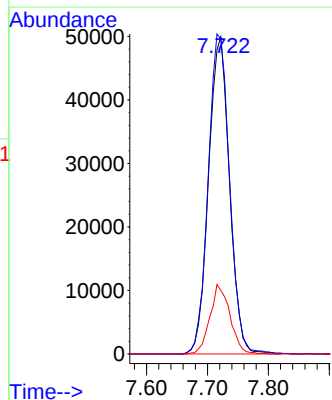
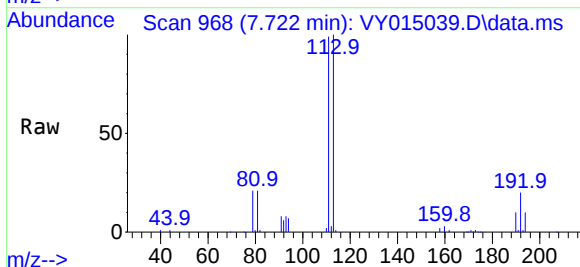
Tgt Ion:113 Resp: 119262

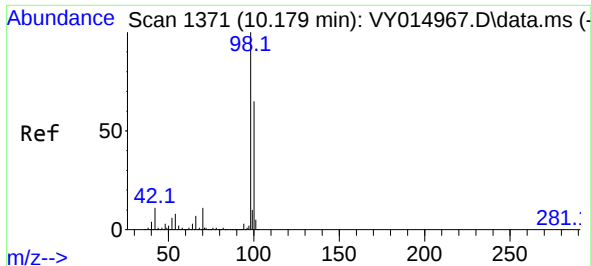
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 20.9 16.9 25.3

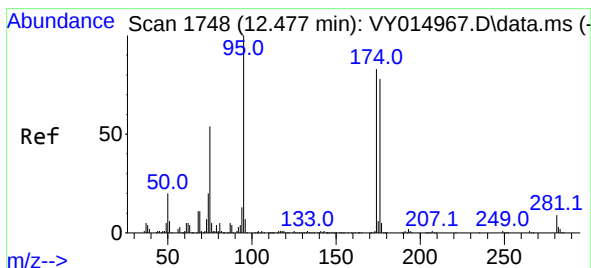
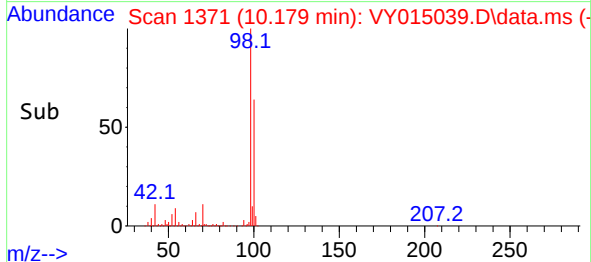
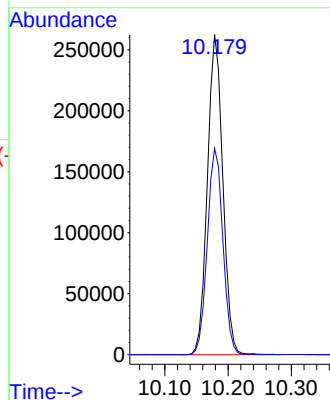
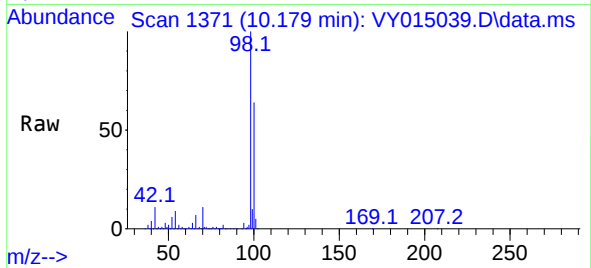




#50
Toluene-d8
Concen: 48.316 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015039.D
Acq: 10 Aug 2023 19:47

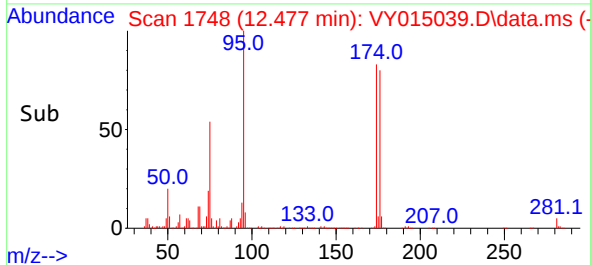
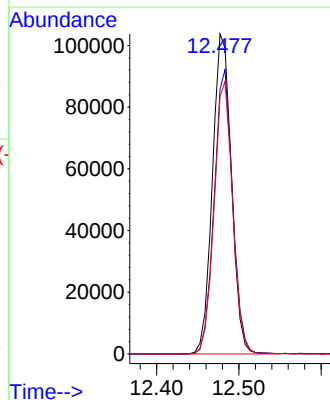
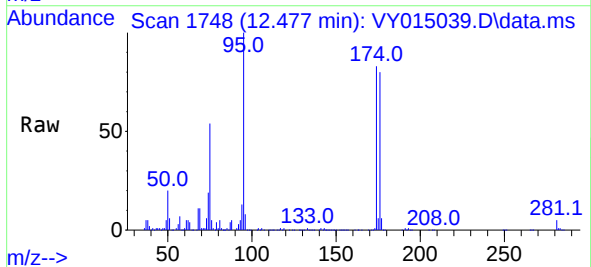
Instrument :
MSVOA_Y
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WC-24

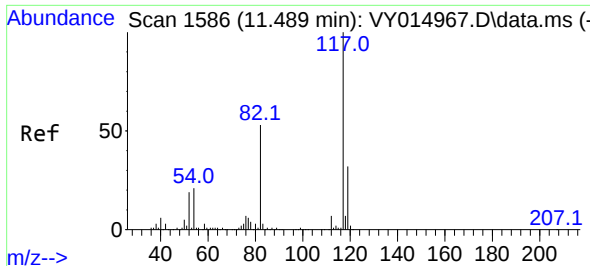
Tgt Ion: 98 Resp: 444394
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.940 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015039.D
Acq: 10 Aug 2023 19:47

Tgt Ion: 95 Resp: 166056
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 83.4 0.0 173.8

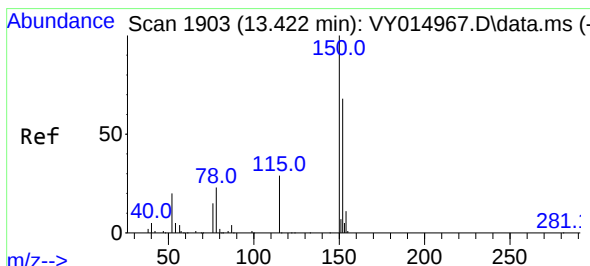
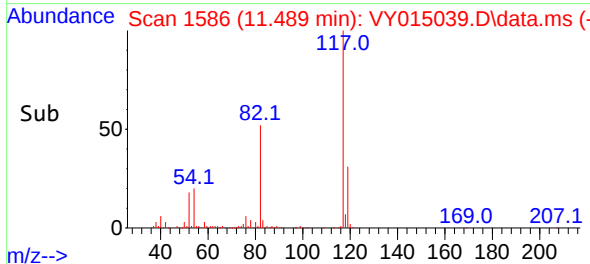
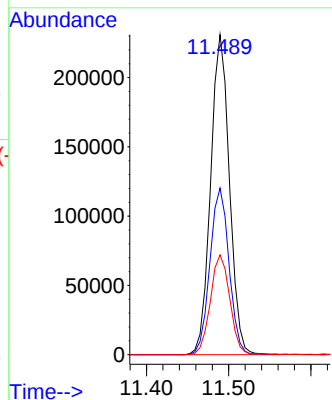
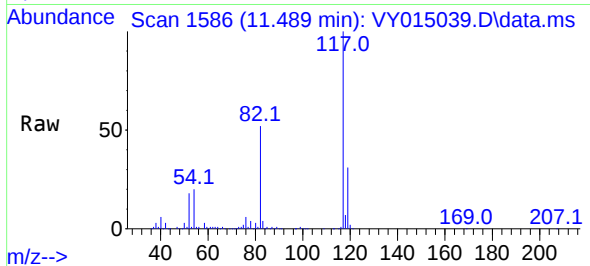




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015039.D
Acq: 10 Aug 2023 19:47

Instrument :
MSVOA_Y
ClientSampleId :
WC-24

Tgt Ion:117 Resp: 365917
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015039.D
Acq: 10 Aug 2023 19:47

Tgt Ion:152 Resp: 176099
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 158.0 0.0 348.8

