

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015374.D
 Acq On : 30 Aug 2023 13:52
 Operator : SY/MD
 Sample : 04203-04
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(12-12.5)

Quant Time: Aug 31 01:00:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	156039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102740	61.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.840%
35) Dibromofluoromethane	7.716	113	82085	54.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.940%
50) Toluene-d8	10.179	98	310518	56.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.800%
62) 4-Bromofluorobenzene	12.477	95	104446	51.552	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.100%

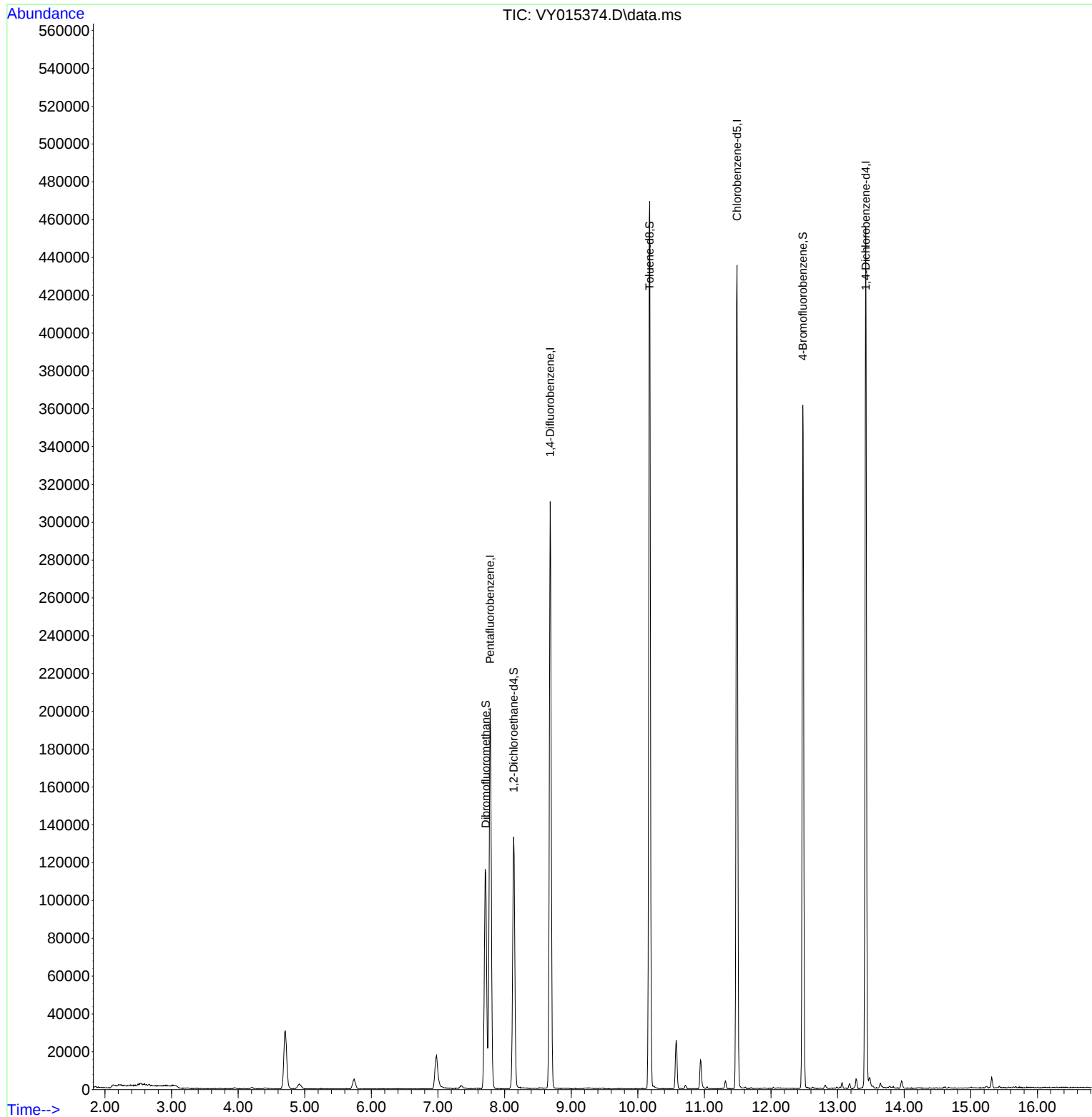
Target Compounds	Qvalue

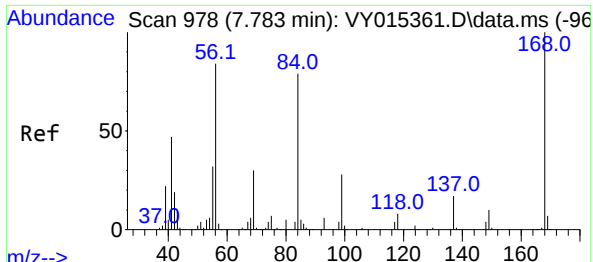
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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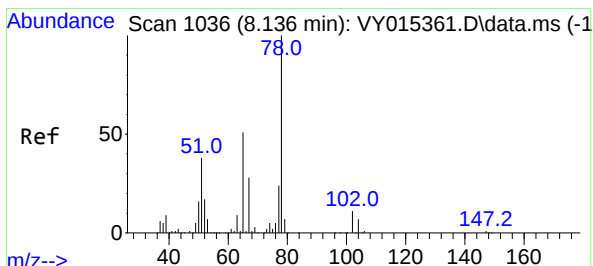
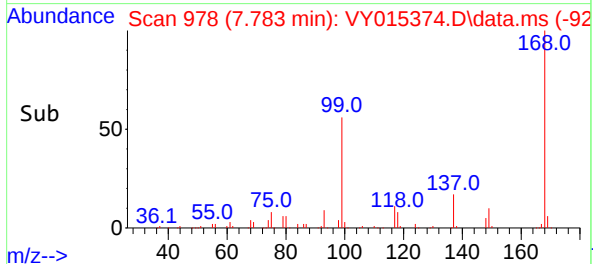
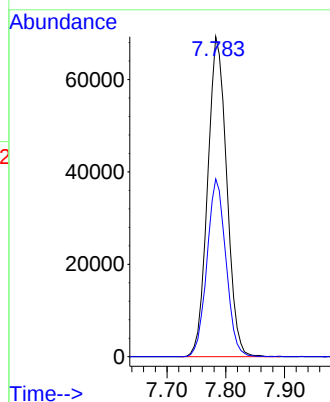
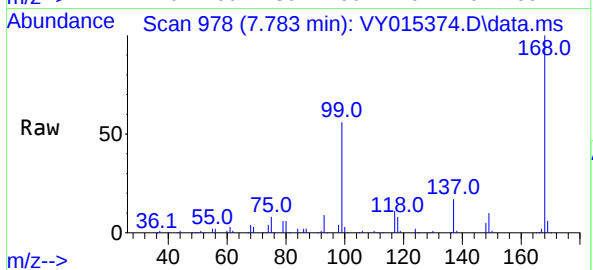




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

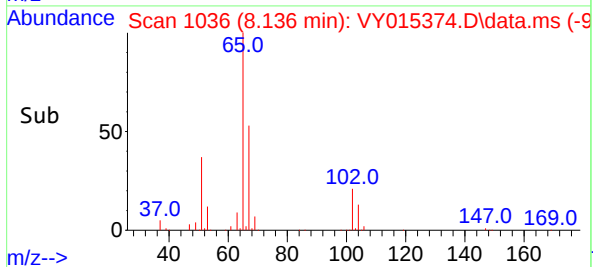
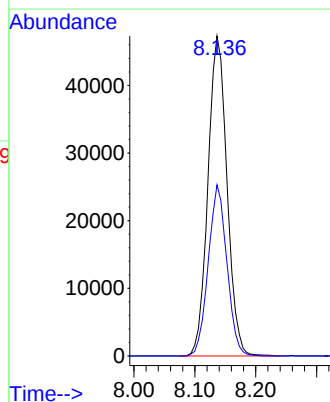
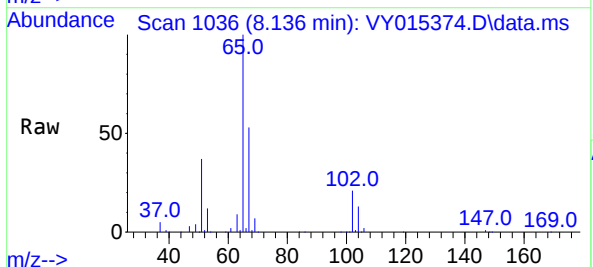
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(12-12.5)

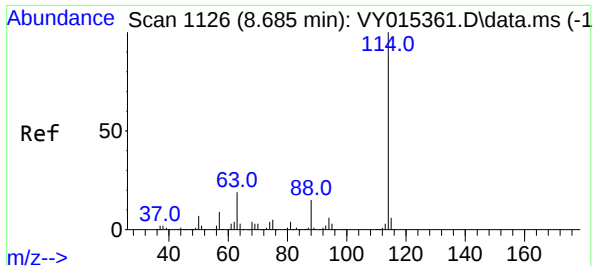
Tgt Ion:168 Resp: 156039
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.421 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

Tgt Ion: 65 Resp: 102740
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015374.D

Acq: 30 Aug 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-4(12-12.5)

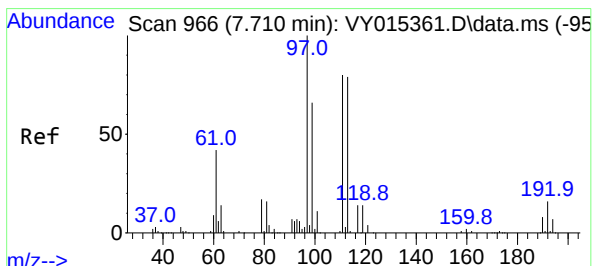
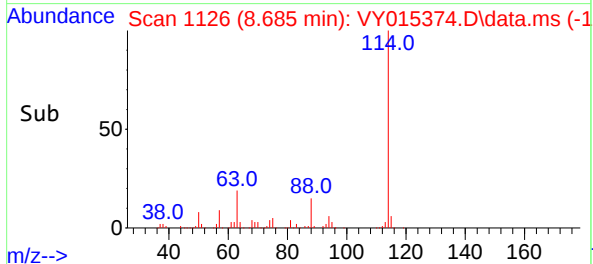
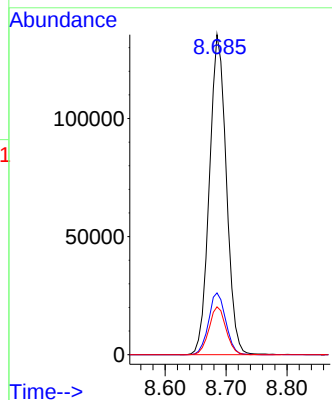
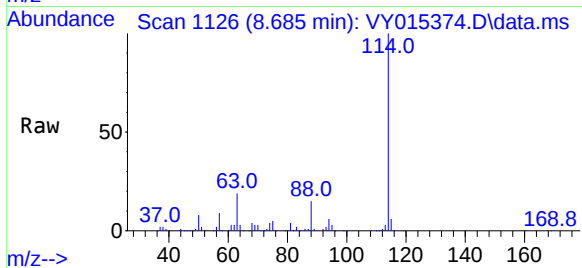
Tgt Ion:114 Resp: 261645

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.468 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015374.D

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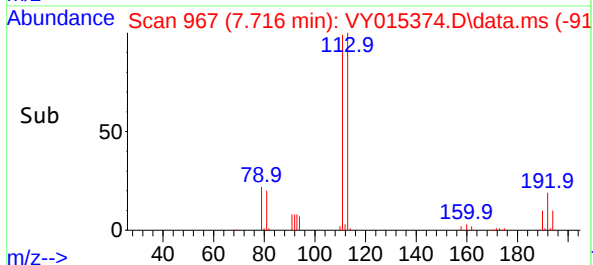
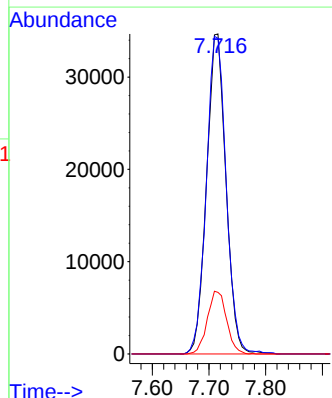
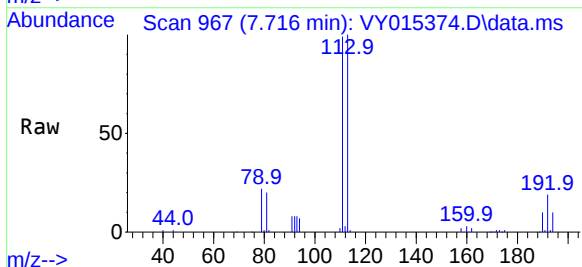
Tgt Ion:113 Resp: 82085

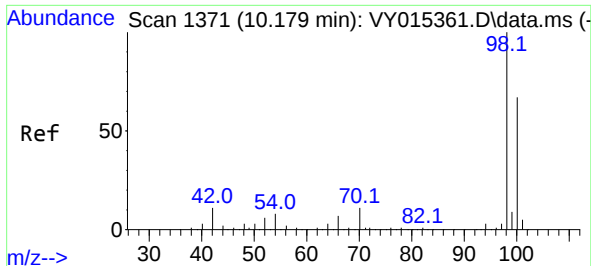
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 19.5 16.9 25.3

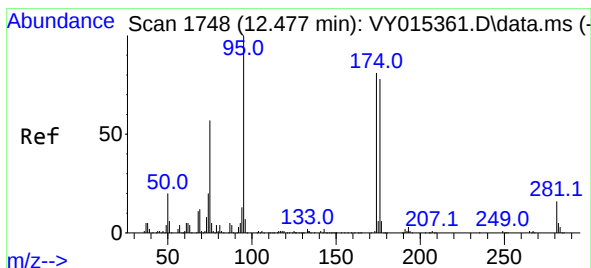
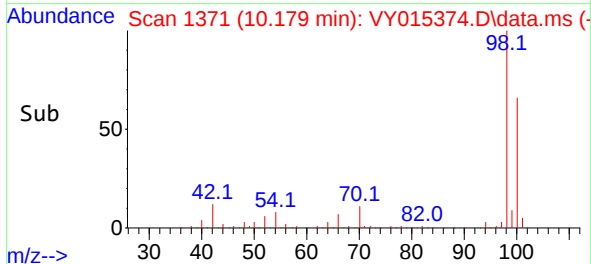
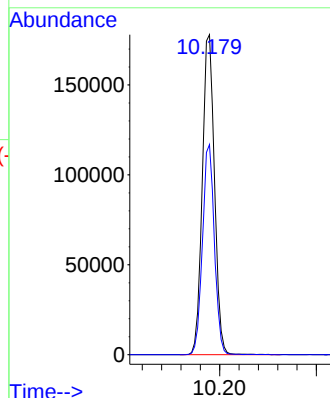
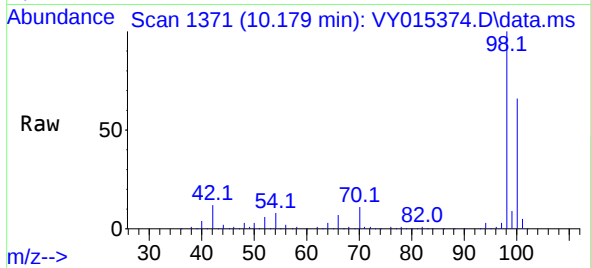




#50
Toluene-d8
Concen: 56.898 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

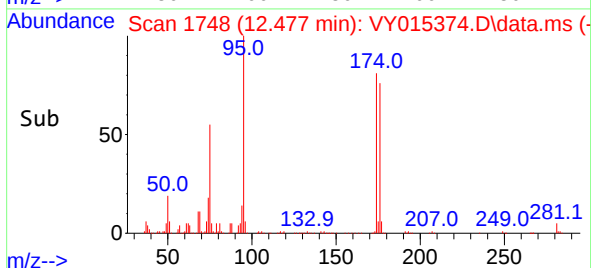
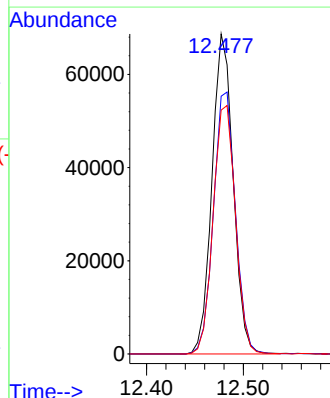
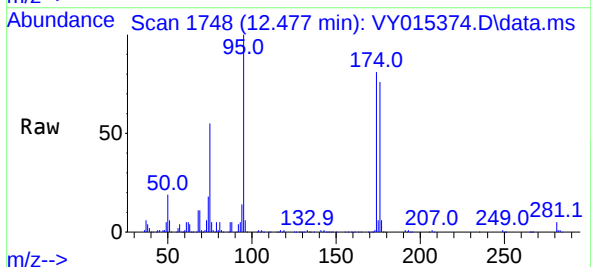
Instrument :
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ClientSampleId :
SB-4(12-12.5)

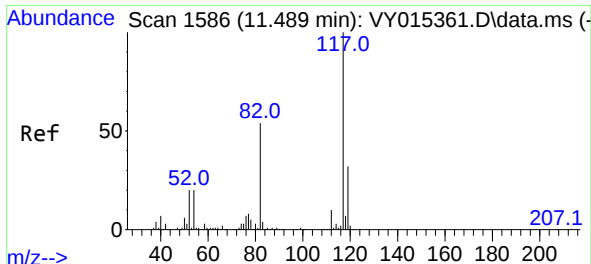
Tgt Ion: 98 Resp: 310518
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.552 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

Tgt Ion: 95 Resp: 104446
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.9 0.0 173.8

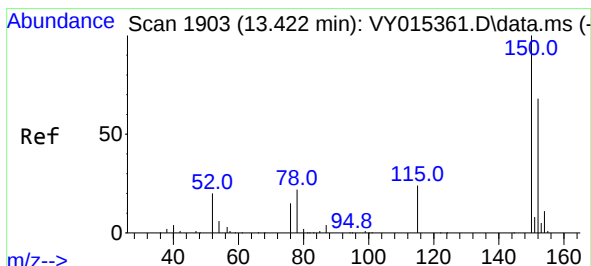
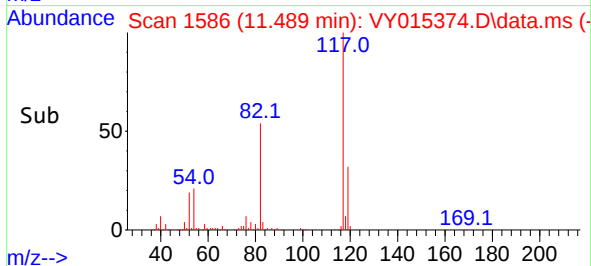
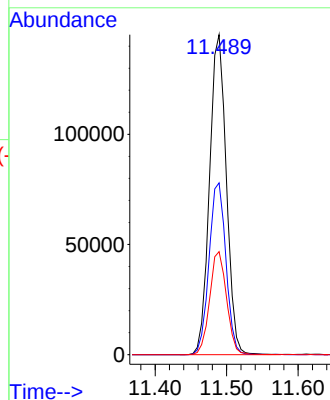
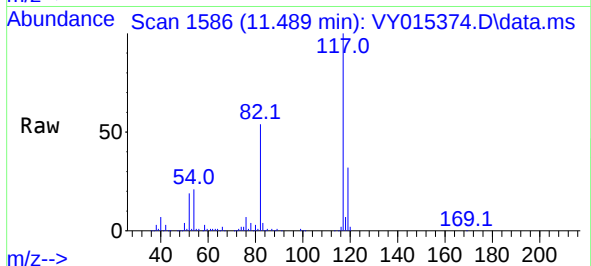




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-4(12-12.5)

Tgt Ion:117 Resp: 237055
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.2 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: VY015374.D
Acq: 30 Aug 2023 13:52

Tgt Ion:152 Resp: 113729
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 156.6 0.0 348.8

