

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014581.D
 Acq On : 06 Jul 2023 12:19
 Operator : KP/MD
 Sample : 03516-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BERGENFIELD-COMP

Quant Time: Jul 07 06:11:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	175947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125438	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96104	54.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.820%
35) Dibromofluoromethane	7.709	113	90228	54.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.400%
50) Toluene-d8	10.178	98	318126	48.791	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.580%
62) 4-Bromofluorobenzene	12.477	95	105360	46.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.080%

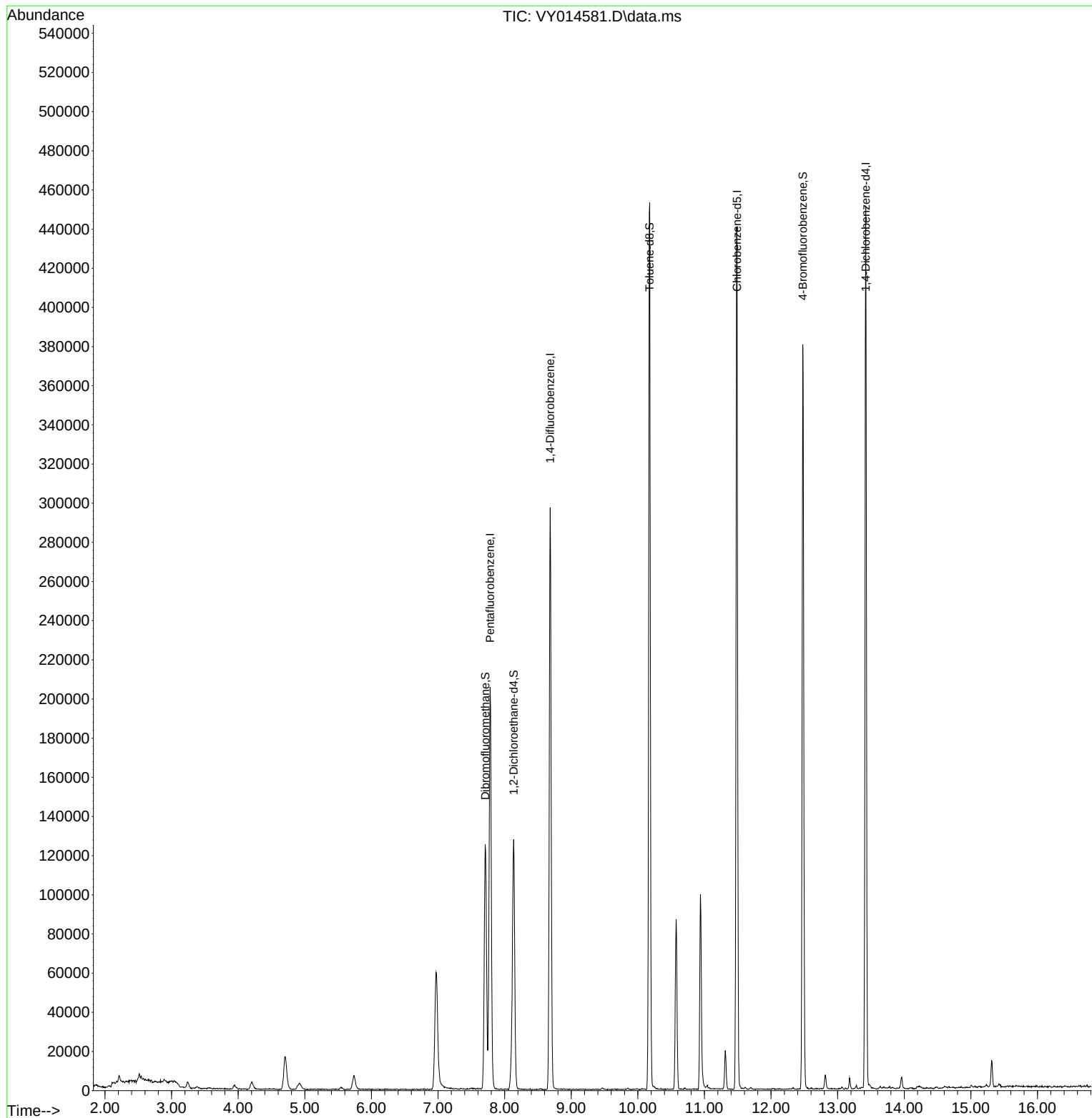
Target Compounds	Qvalue

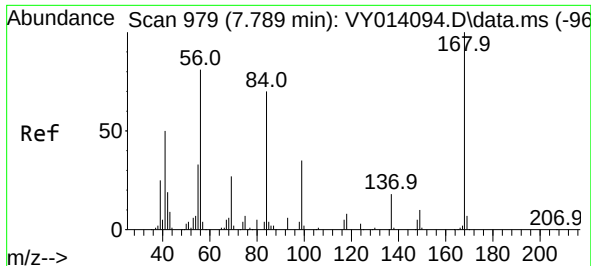
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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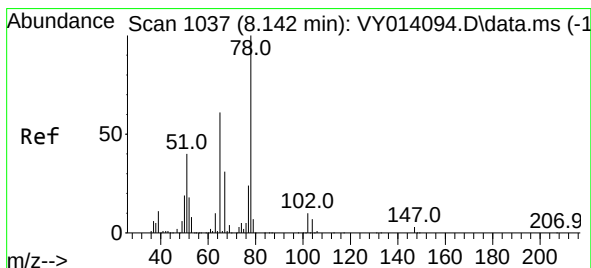
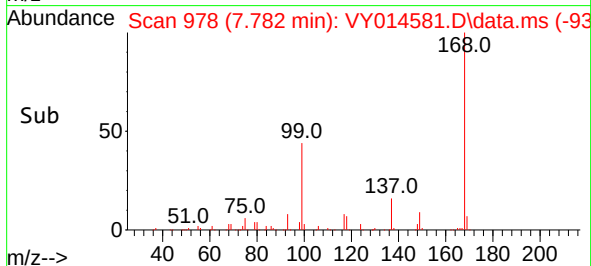
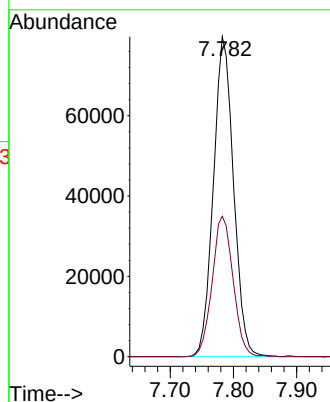
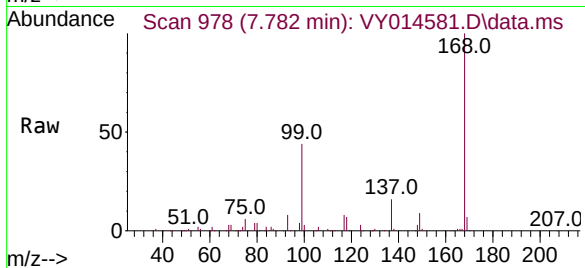




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

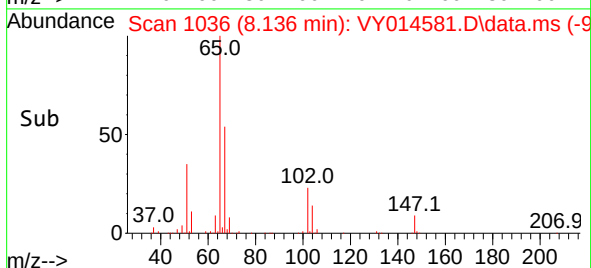
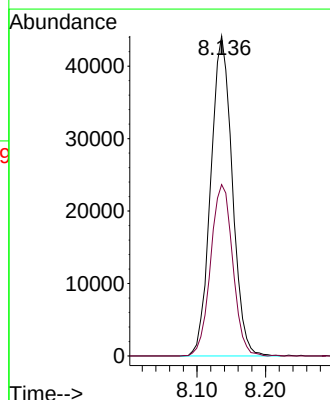
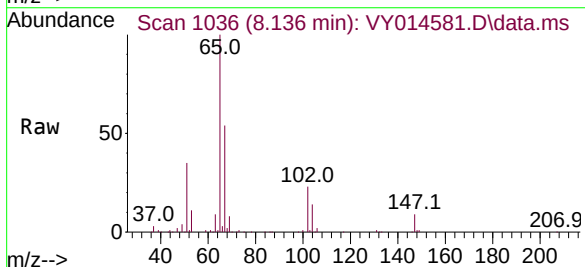
Instrument :
MSVOA_Y
ClientSampleId :
BERGENFIELD-COMP

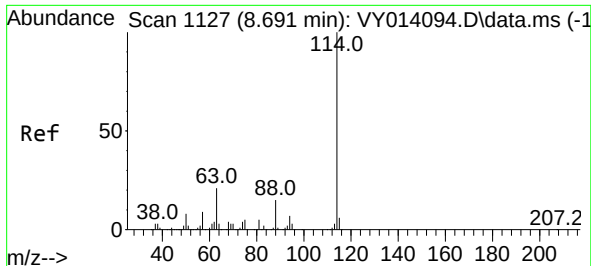
Tgt Ion:168 Resp: 175947
Ion Ratio Lower Upper
168 100
99 43.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.907 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 65 Resp: 96104
Ion Ratio Lower Upper
65 100
67 55.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY014581.D

Acq: 06 Jul 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

BERGENFIELD-COMP

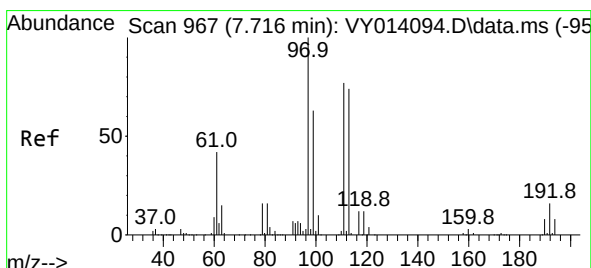
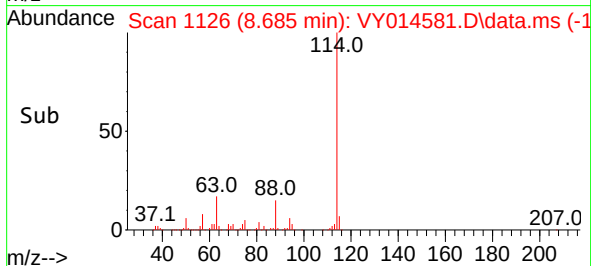
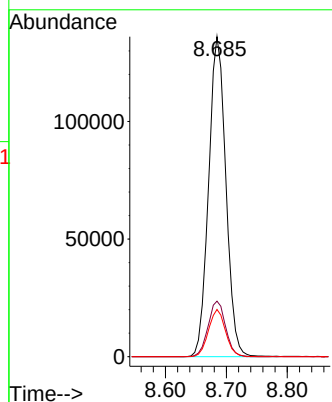
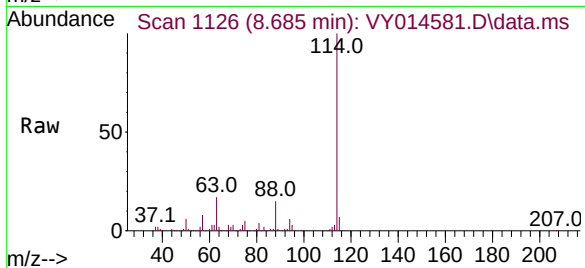
Tgt Ion:114 Resp: 267840

Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.704 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY014581.D

Acq: 06 Jul 2023 12:19

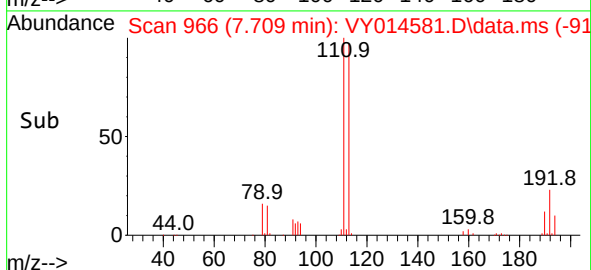
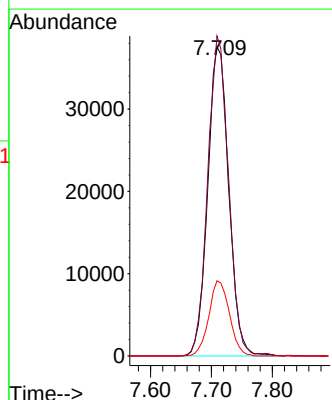
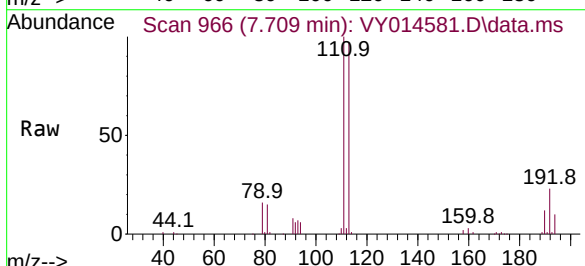
Tgt Ion:113 Resp: 90228

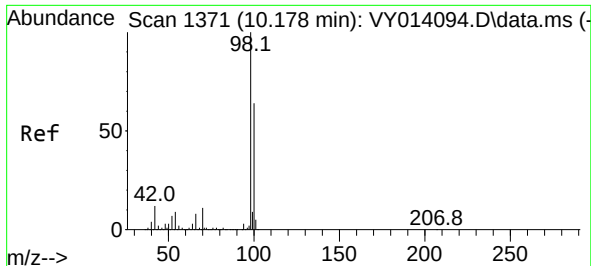
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 23.8 16.9 25.3

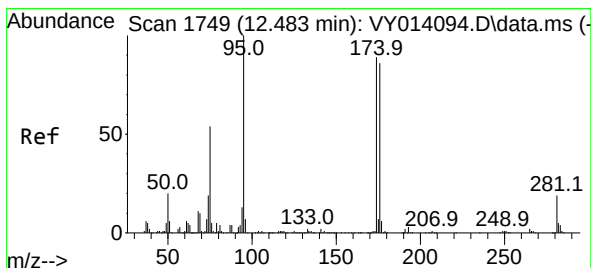
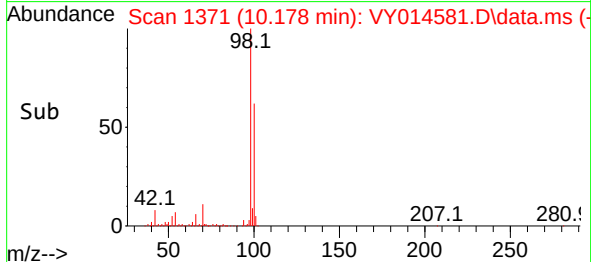
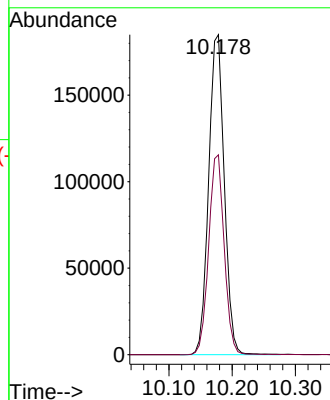
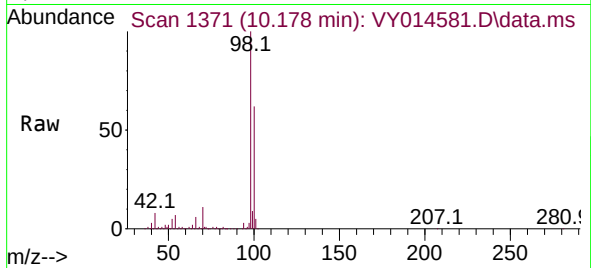




#50
Toluene-d8
Concen: 48.791 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

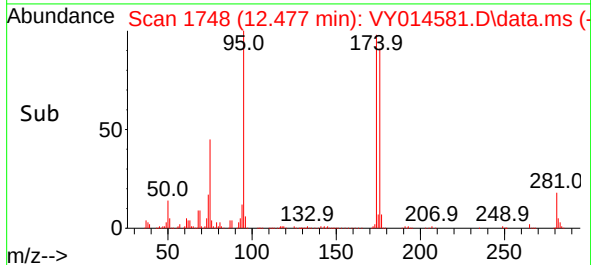
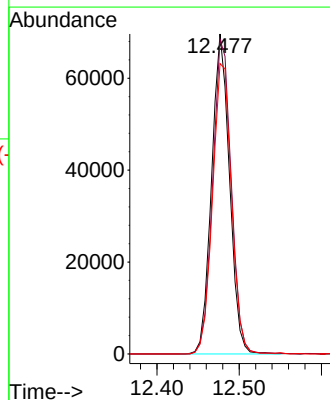
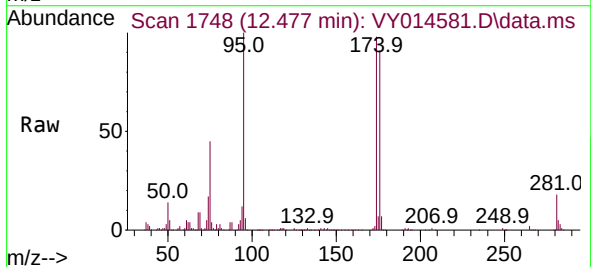
Instrument :
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ClientSampleId :
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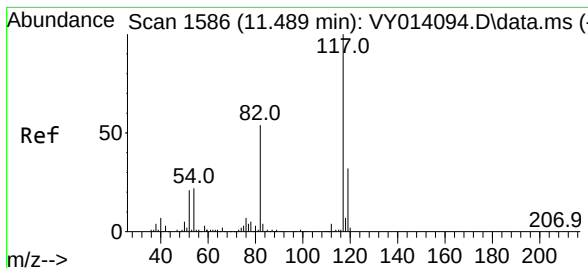
Tgt Ion: 98 Resp: 318126
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.536 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 95 Resp: 105360
Ion Ratio Lower Upper
95 100
174 102.2 0.0 178.2
176 96.0 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: VY014581.D

Acq: 06 Jul 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

BERGENFIELD-COMP

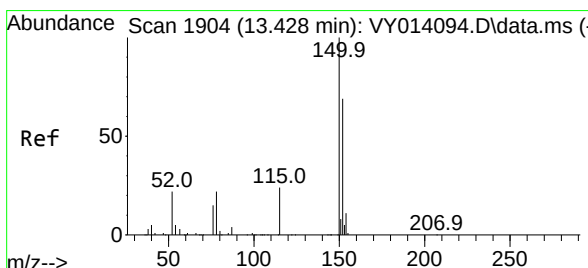
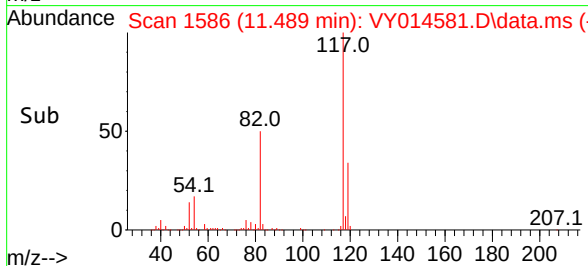
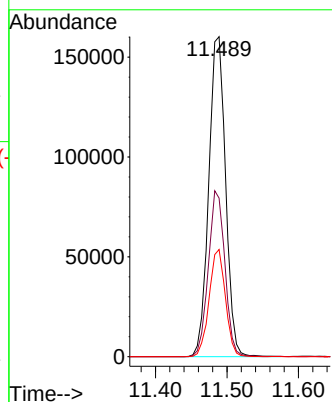
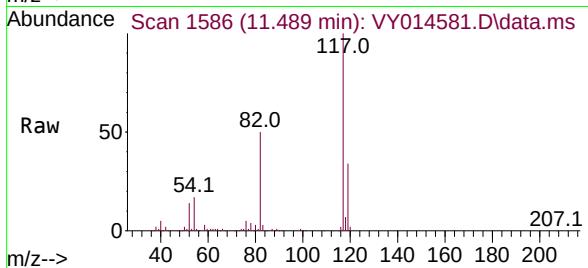
Tgt Ion:117 Resp: 262136

Ion Ratio Lower Upper

117 100

82 49.5 43.4 65.0

119 33.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014581.D

Acq: 06 Jul 2023 12:19

Tgt Ion:152 Resp: 125438

Ion Ratio Lower Upper

152 100

115 54.5 28.8 86.5

150 158.3 0.0 348.8

