

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015385.D
 Acq On : 30 Aug 2023 18:12
 Operator : SY/MD
 Sample : 04202-03
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-3

Quant Time: Aug 31 01:03:26 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	201310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147410	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133622	61.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.840%
35) Dibromofluoromethane	7.710	113	108609	54.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.080%
50) Toluene-d8	10.179	98	404992	56.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.320%
62) 4-Bromofluorobenzene	12.477	95	136189	50.867	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.740%

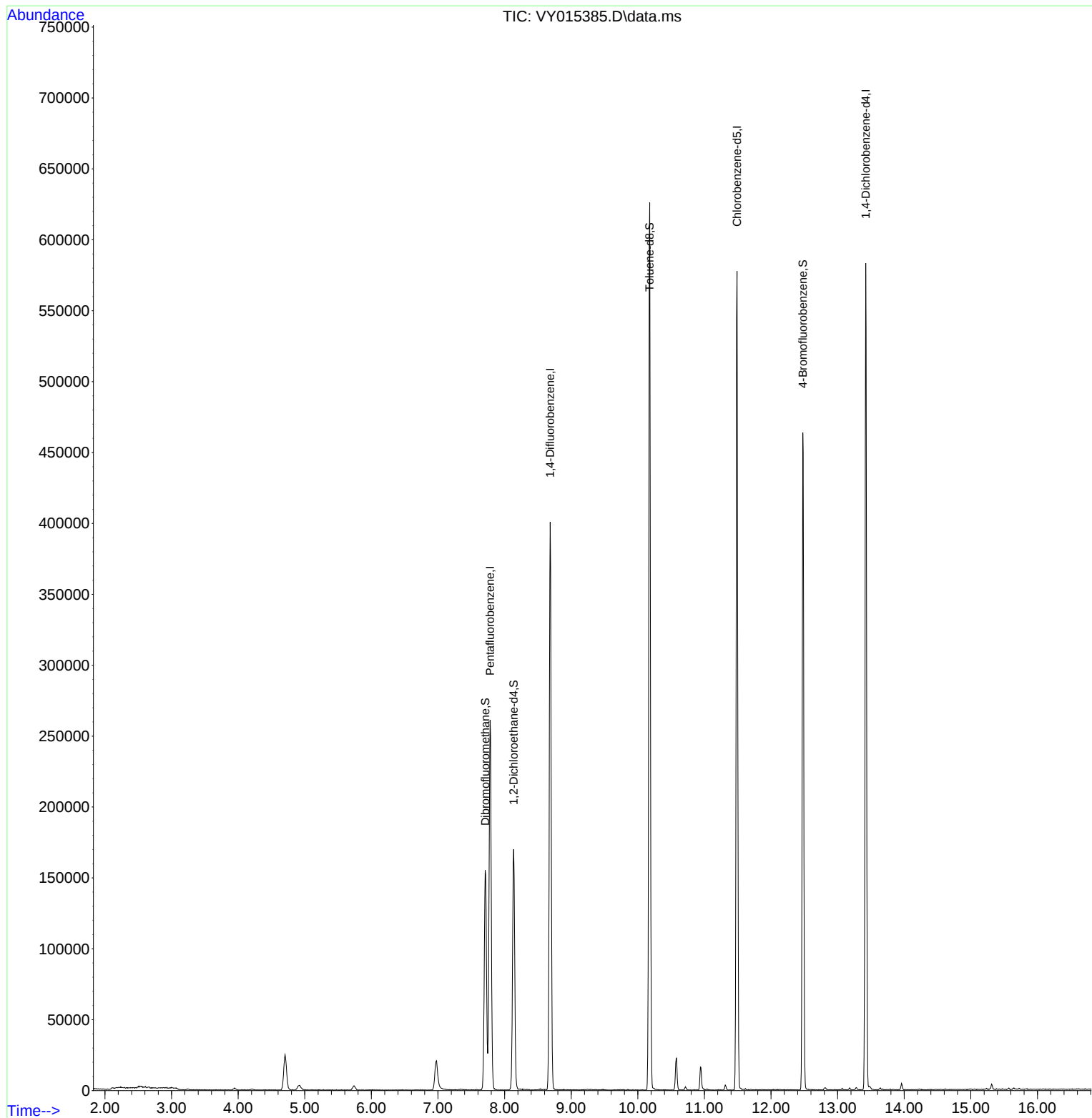
Target Compounds	Qvalue

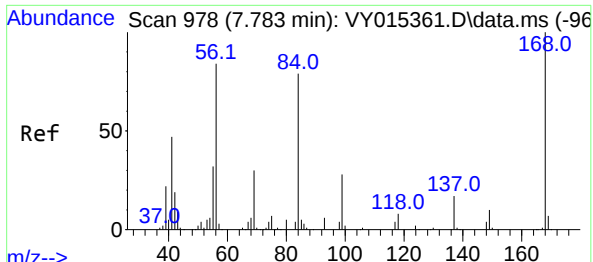
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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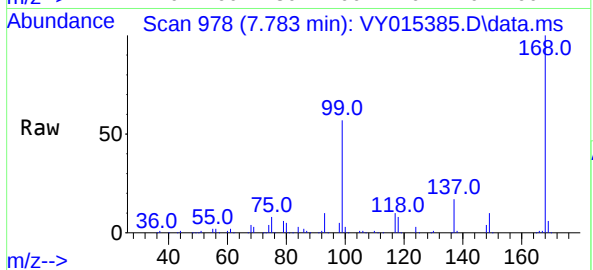
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Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
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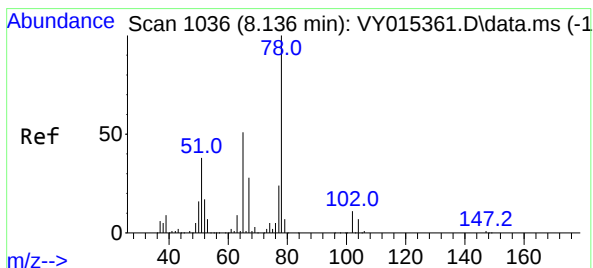
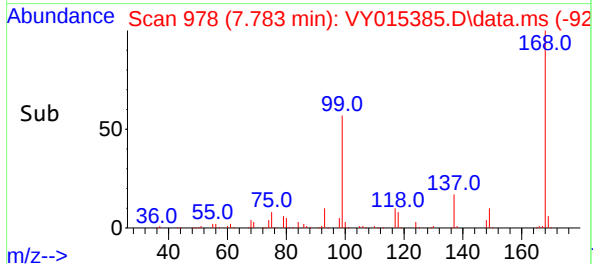
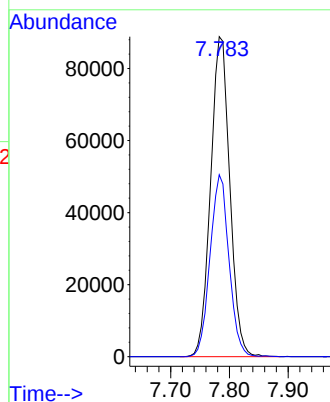


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015385.D
Acq: 30 Aug 2023 18:12

Instrument :
MSVOA_Y
ClientSampleId :
C-3

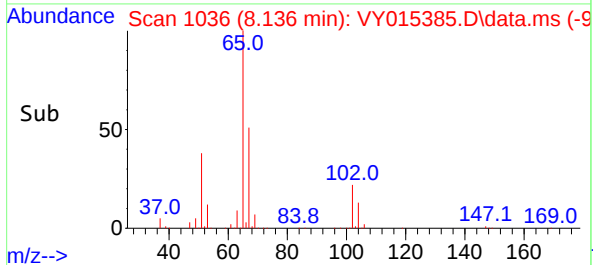
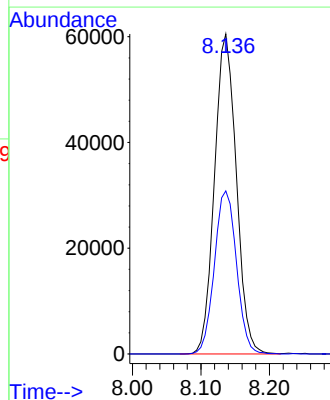
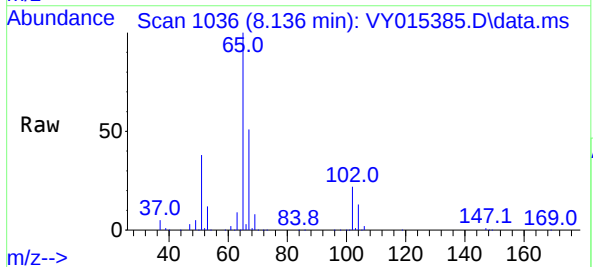


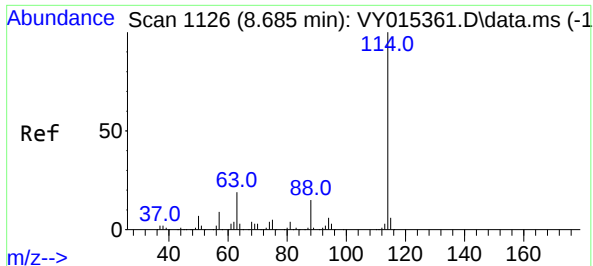
Tgt Ion:168 Resp: 201310
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.919 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015385.D
Acq: 30 Aug 2023 18:12

Tgt Ion: 65 Resp: 133622
Ion Ratio Lower Upper
65 100
67 51.6 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: VY015385.D

Acq: 30 Aug 2023 18:12

Instrument :

MSVOA_Y

ClientSampleId :

C-3

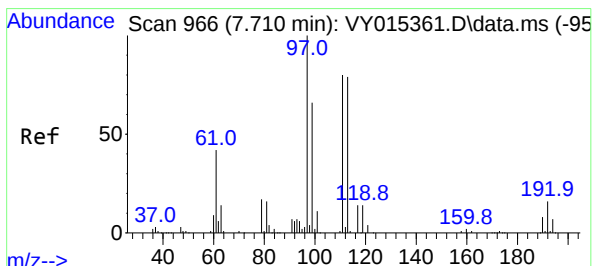
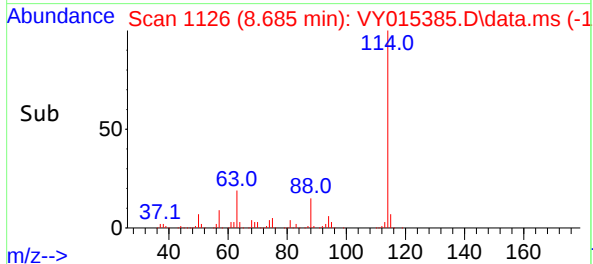
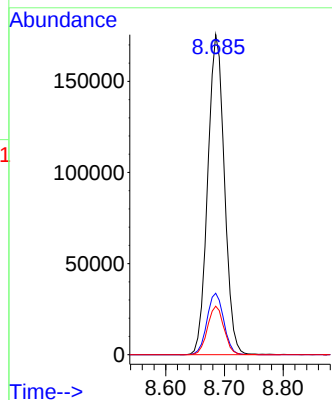
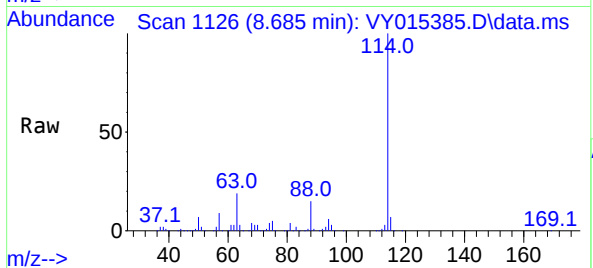
Tgt Ion:114 Resp: 345760

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.536 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015385.D

Acq: 30 Aug 2023 18:12

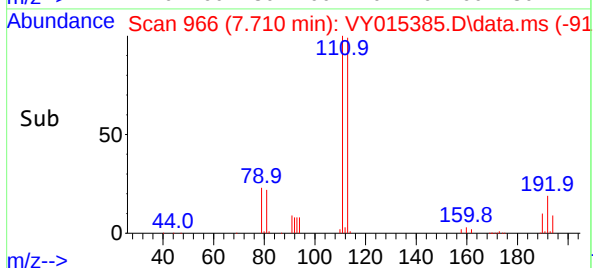
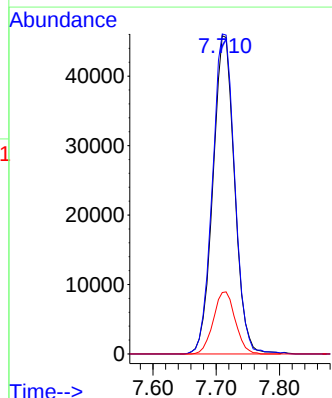
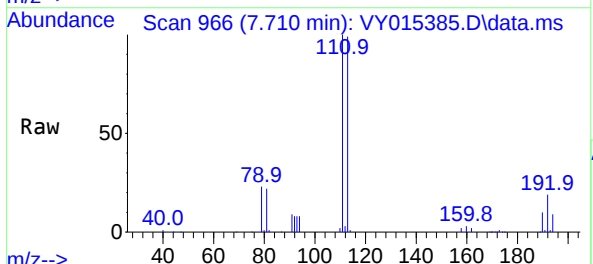
Tgt Ion:113 Resp: 108609

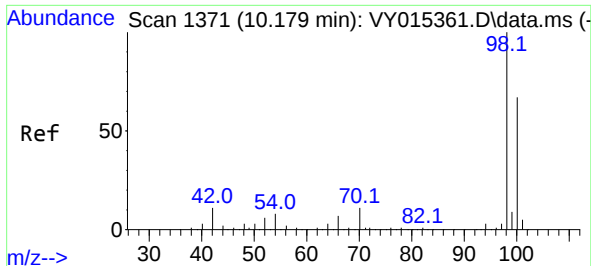
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.7 16.9 25.3

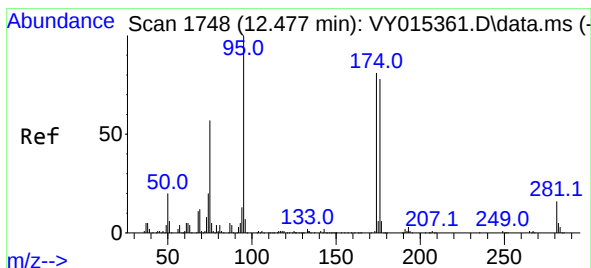
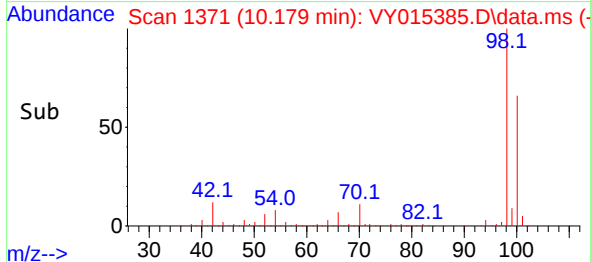
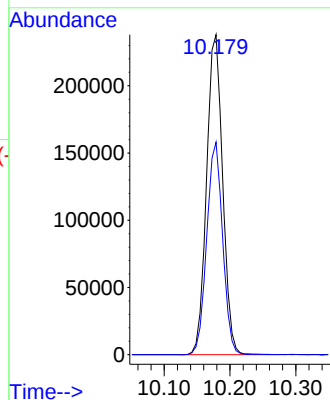
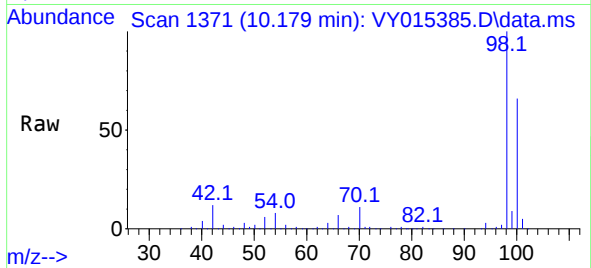




#50
Toluene-d8
Concen: 56.155 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015385.D
Acq: 30 Aug 2023 18:12

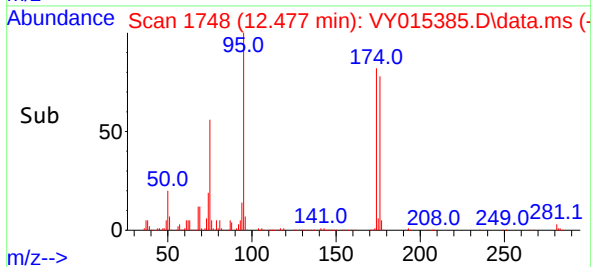
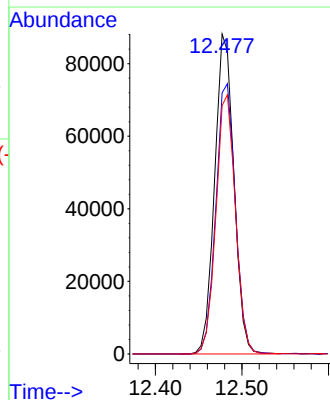
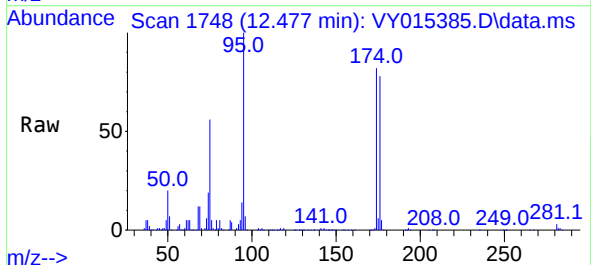
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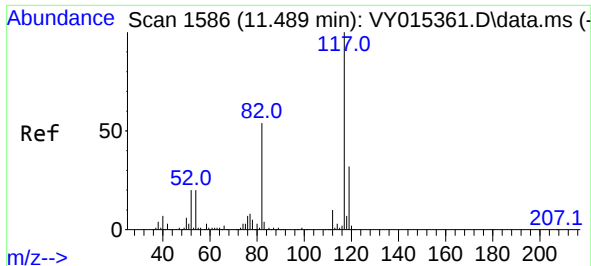
Tgt Ion: 98 Resp: 404992
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.867 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015385.D
Acq: 30 Aug 2023 18:12

Tgt Ion: 95 Resp: 136189
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 81.9 0.0 173.8

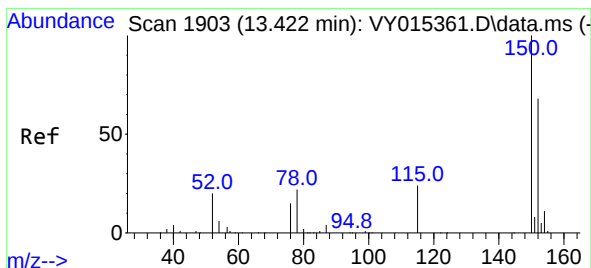
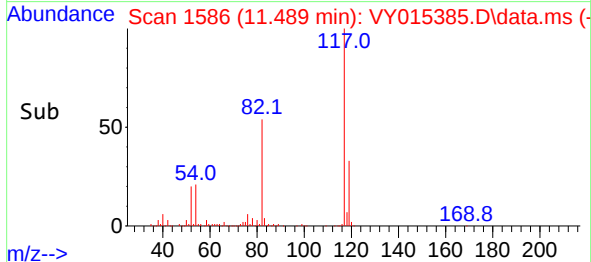
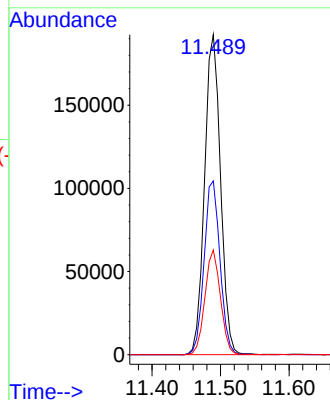
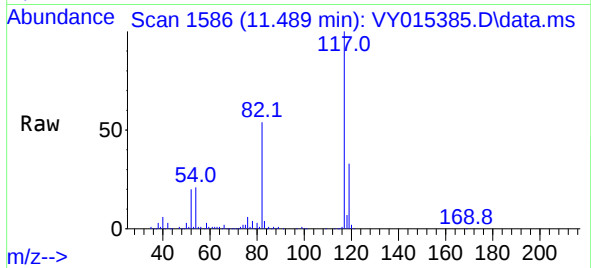




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015385.D
Acq: 30 Aug 2023 18:12

Instrument :
MSVOA_Y
ClientSampleId :
C-3

Tgt Ion:117 Resp: 312488
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.7 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: VY015385.D
Acq: 30 Aug 2023 18:12

Tgt Ion:152 Resp: 147410
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.5
150 157.6 0.0 348.8

