

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015448.D
 Acq On : 06 Sep 2023 14:32
 Operator : SY/MD
 Sample : 04299-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

Quant Time: Sep 06 16:28:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	46116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	70909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	51155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18813	38.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.120%
35) Dibromofluoromethane	7.710	113	18005	44.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.160%
50) Toluene-d8	10.173	98	81546	55.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.260%
62) 4-Bromofluorobenzene	12.477	95	17310	31.526	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.060%

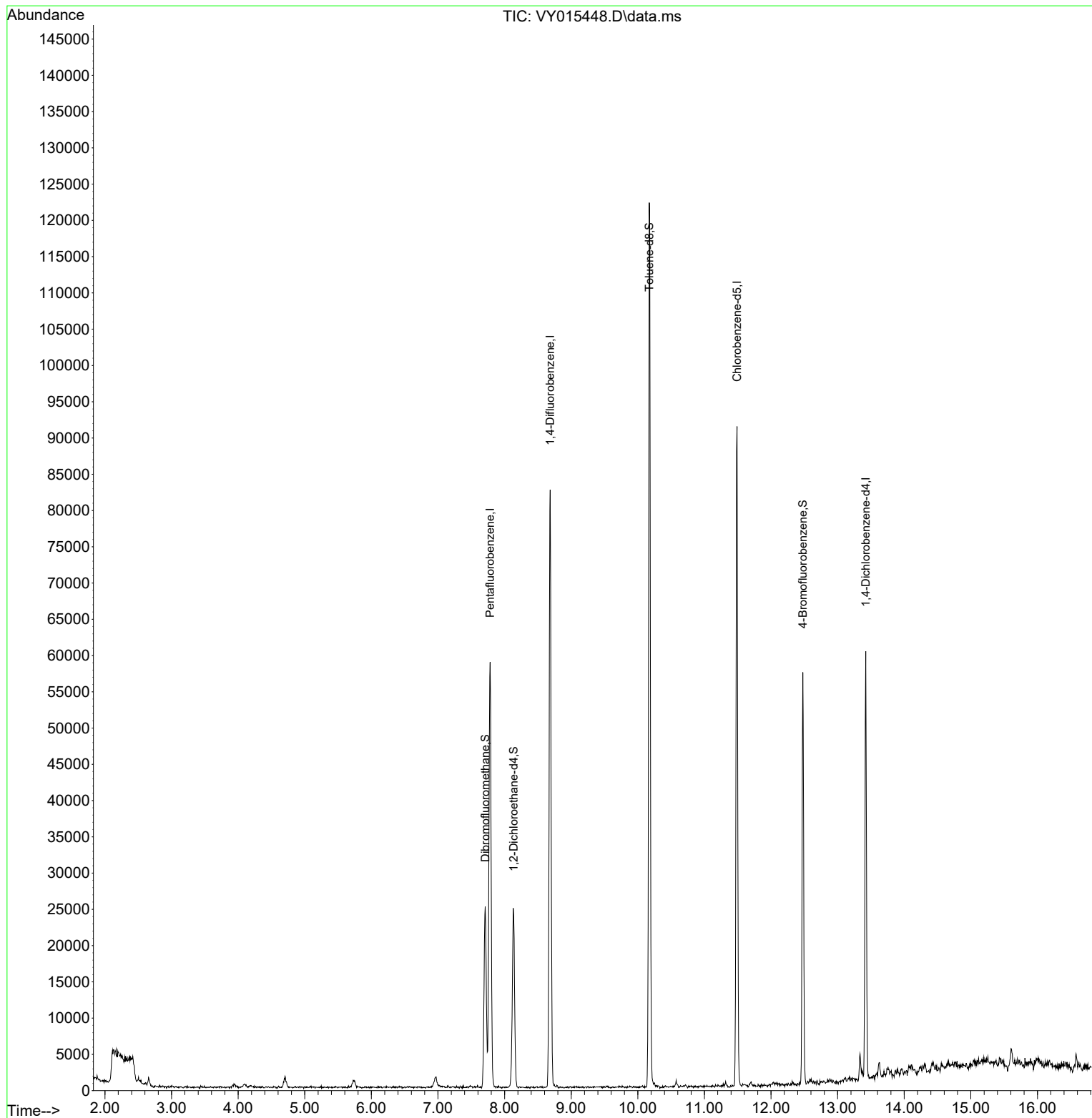
Target Compounds	Qvalue

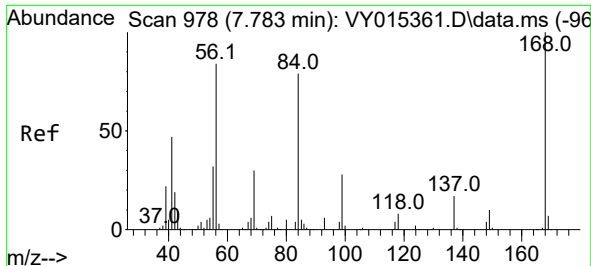
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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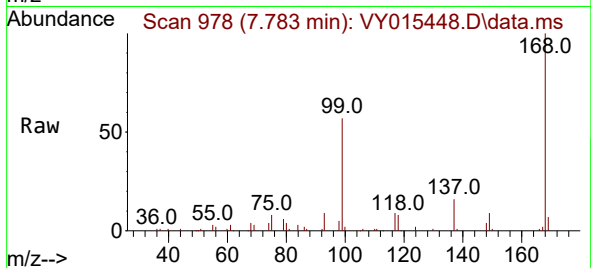
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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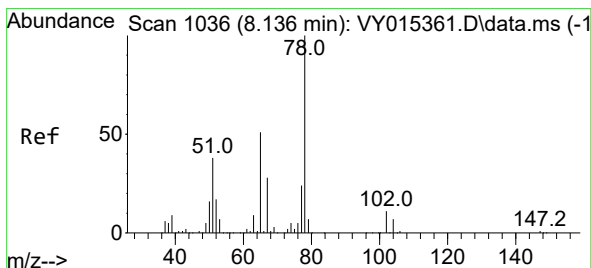
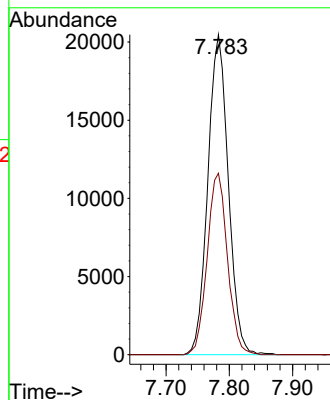
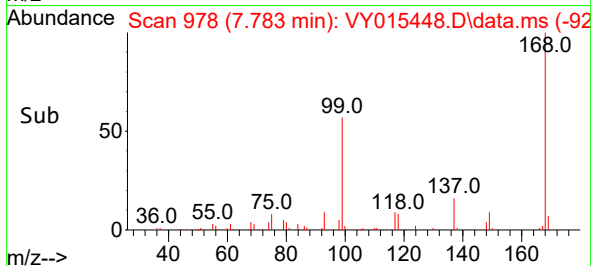


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

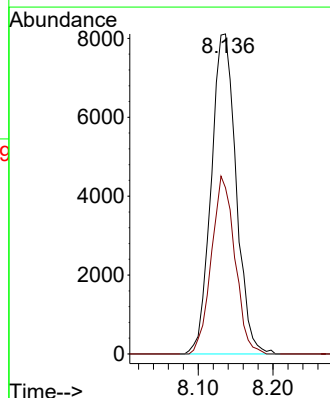
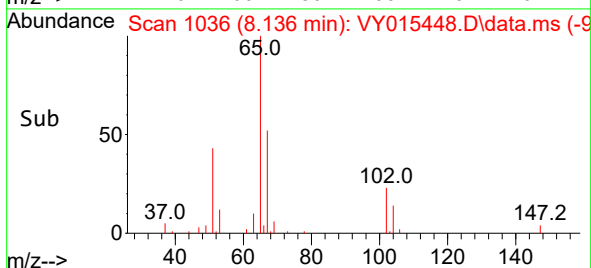
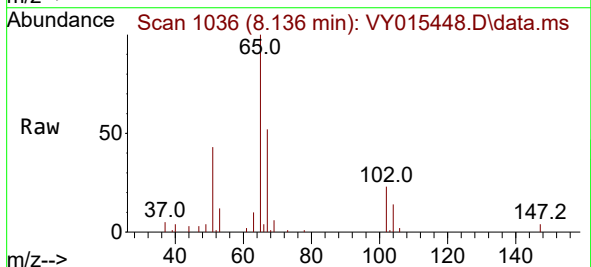


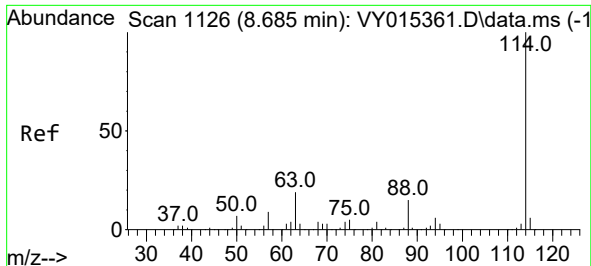
Tgt Ion:168 Resp: 46116
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 38.055 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Tgt Ion: 65 Resp: 18813
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

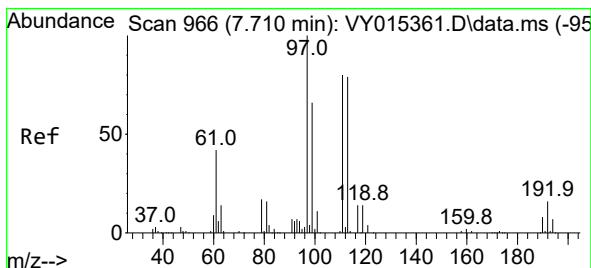
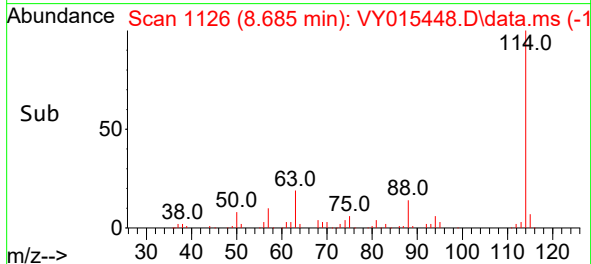
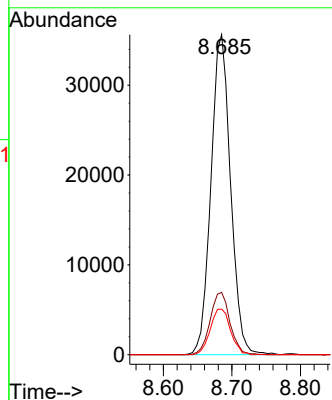
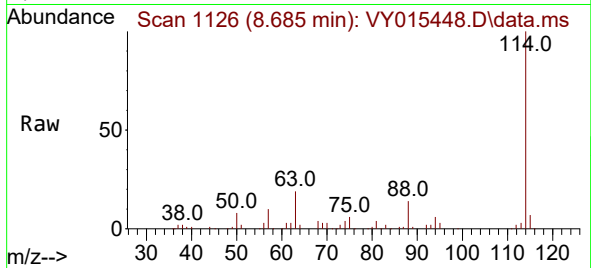




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

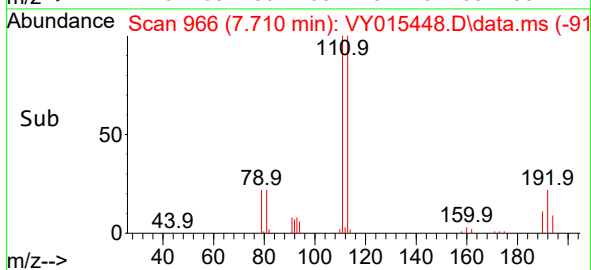
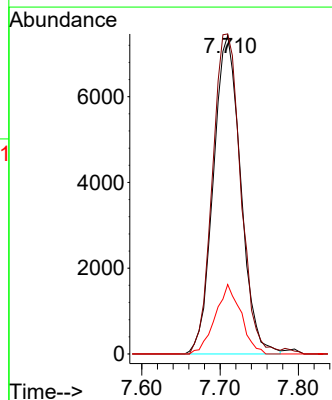
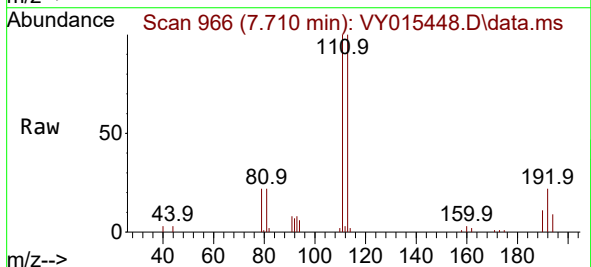
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

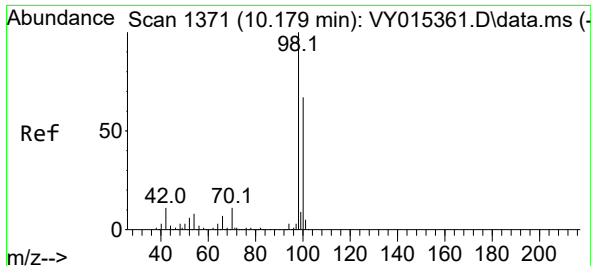
Tgt Ion:114 Resp: 70909
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 44.084 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Tgt Ion:113 Resp: 18005
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 20.5 16.9 25.3

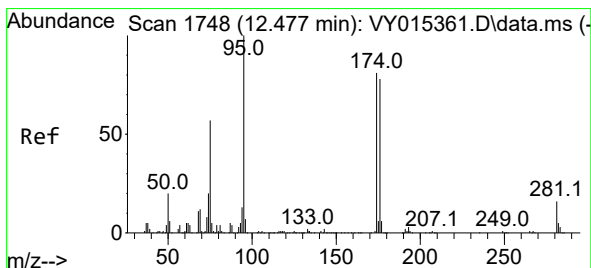
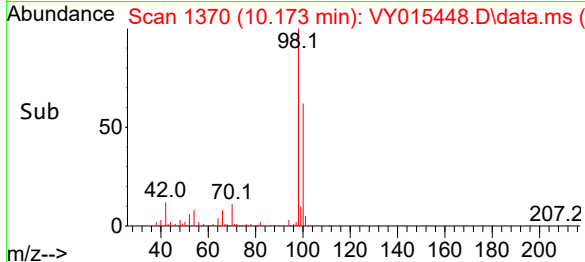
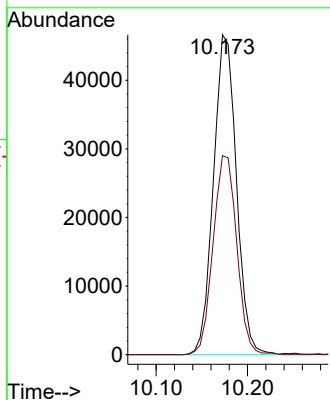
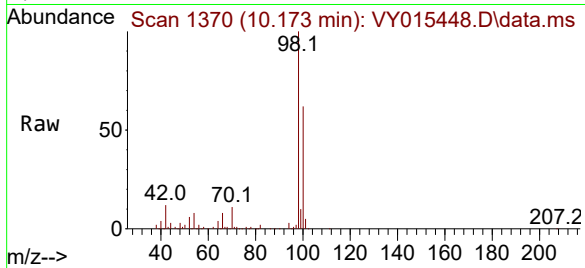




#50
Toluene-d8
Concen: 55.134 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

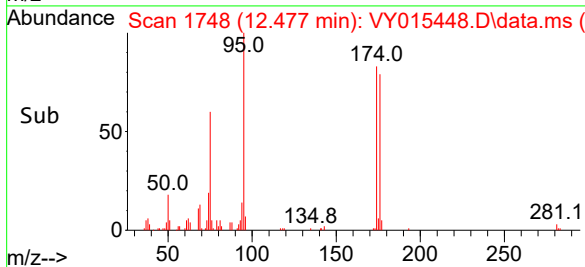
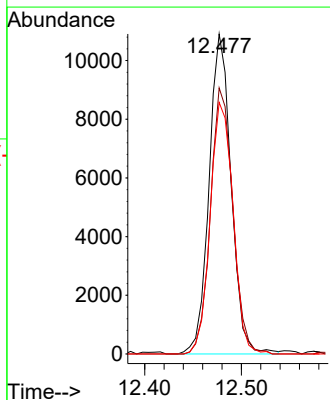
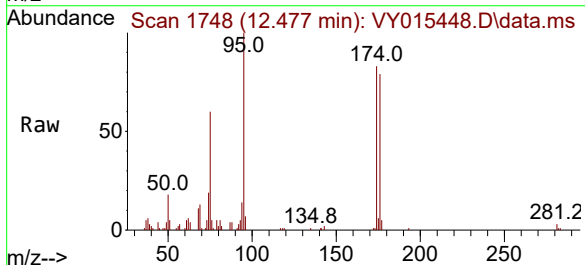
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

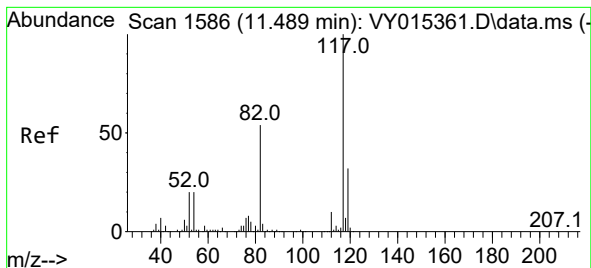
Tgt Ion: 98 Resp: 81546
Ion Ratio Lower Upper
98 100
100 64.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 31.526 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015448.D
Acq: 06 Sep 2023 14:32

Tgt Ion: 95 Resp: 17310
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.5 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: VY015448.D

Acq: 06 Sep 2023 14:32

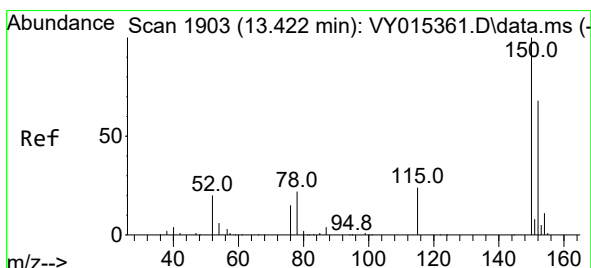
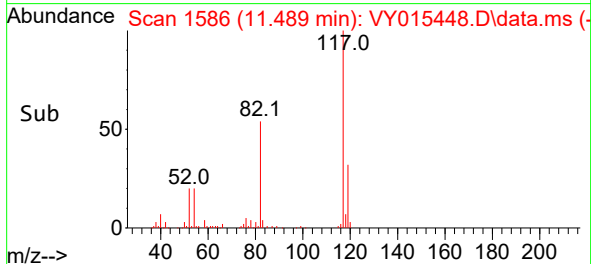
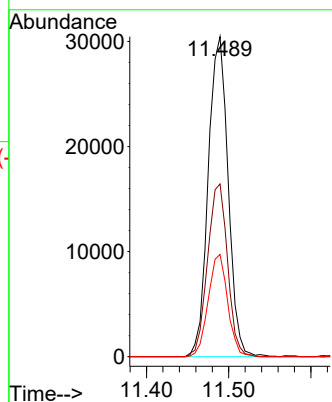
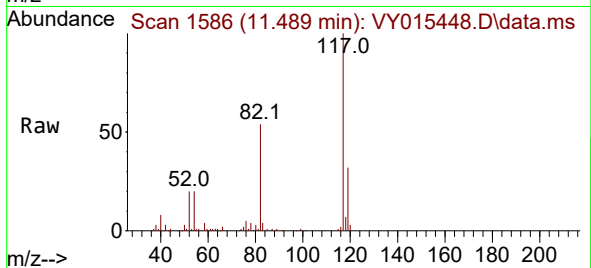
Instrument :

MSVOA_Y

ClientSampleId :

SB-01-9.5-10.0

Tgt Ion:117	Resp:	51155
Ion	Ratio	Lower Upper
117	100	
82	54.0	43.4 65.0
119	31.9	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: VY015448.D

Acq: 06 Sep 2023 14:32

Tgt Ion:152	Resp:	14153
Ion	Ratio	Lower Upper
152	100	
115	57.6	28.8 86.5
150	162.0	0.0 348.8

