

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015373.D
 Acq On : 30 Aug 2023 13:28
 Operator : SY/MD
 Sample : 04203-03
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(12-12.5)

Quant Time: Aug 31 00:59:48 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	7.789	168	142327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	240685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96303	63.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.240%
35) Dibromofluoromethane	7.710	113	75572	54.514	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.020%
50) Toluene-d8	10.179	98	280139	55.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.600%
62) 4-Bromofluorobenzene	12.477	95	94395	50.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.300%

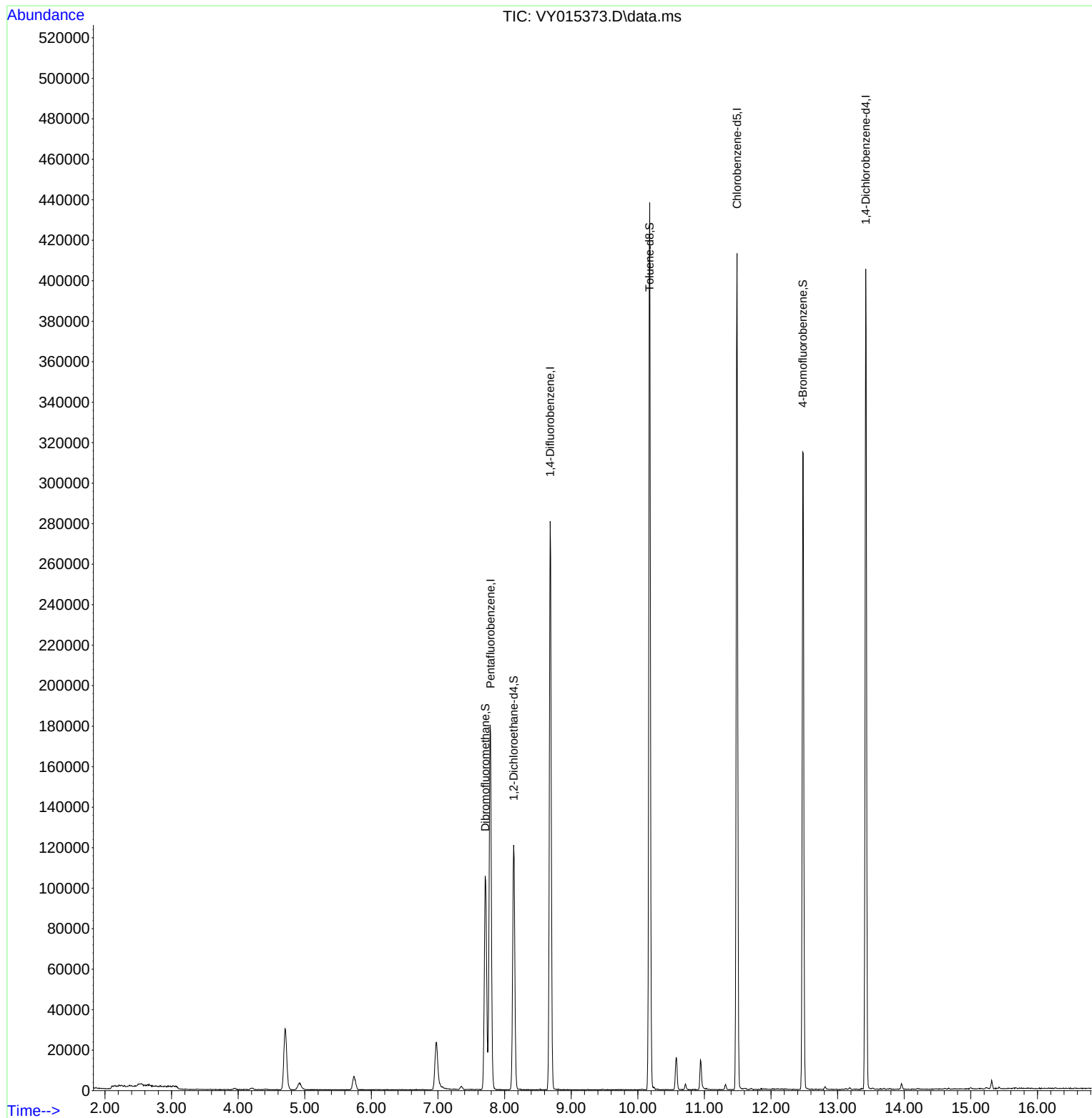
Target Compounds	Qvalue

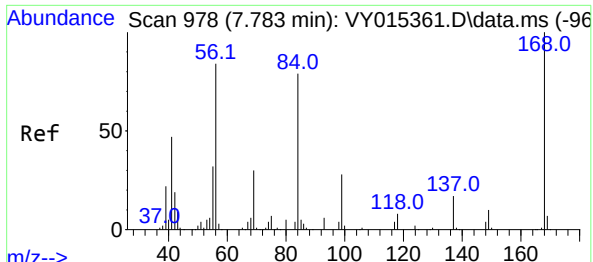
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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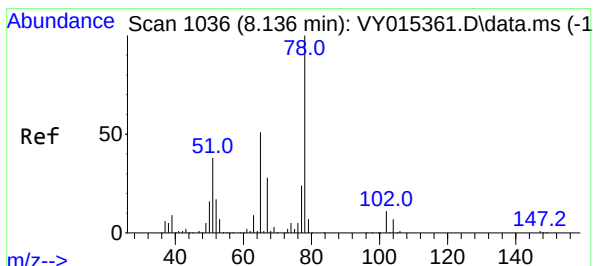
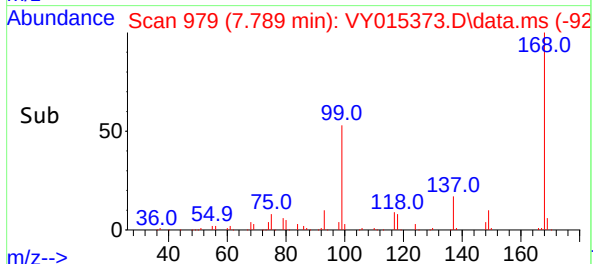
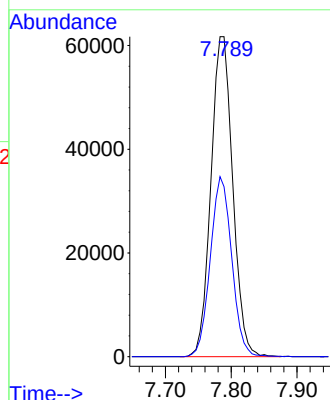
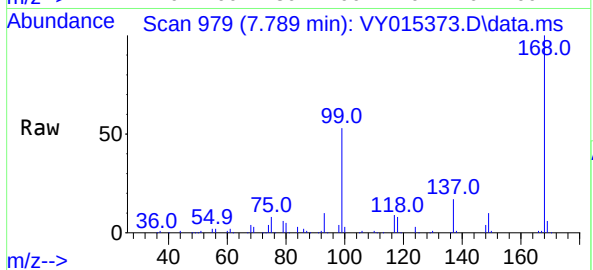




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

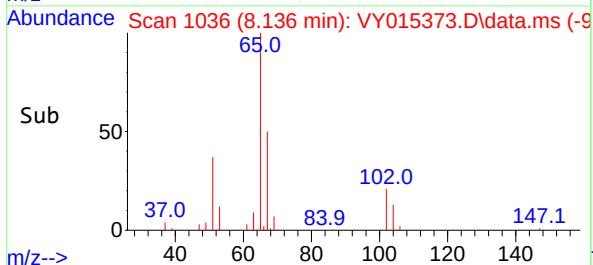
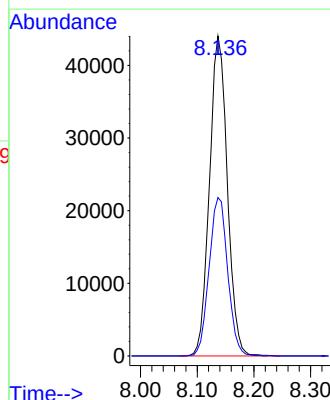
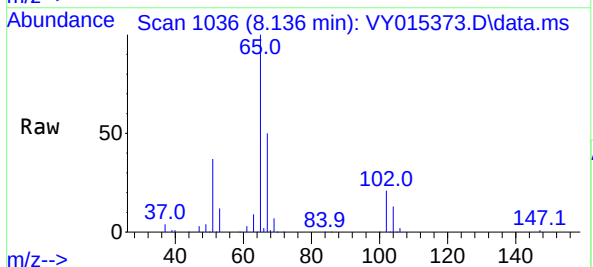
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(12-12.5)

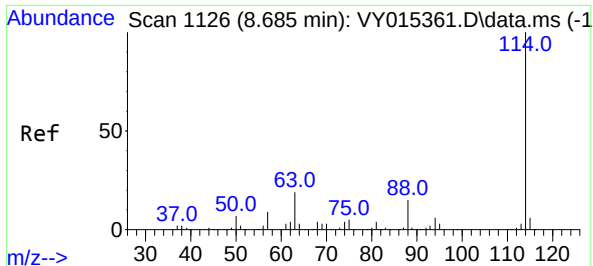
Tgt Ion:168 Resp: 142327
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.119 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

Tgt Ion: 65 Resp: 96303
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

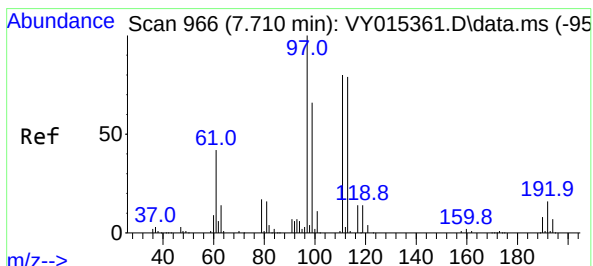
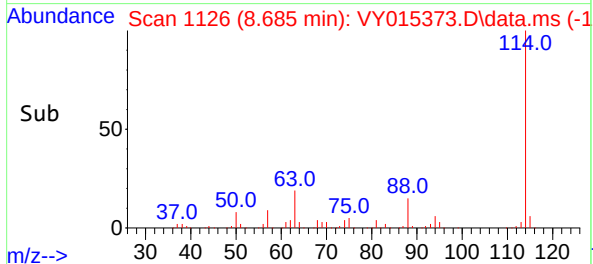
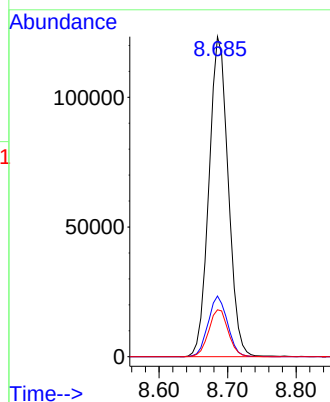
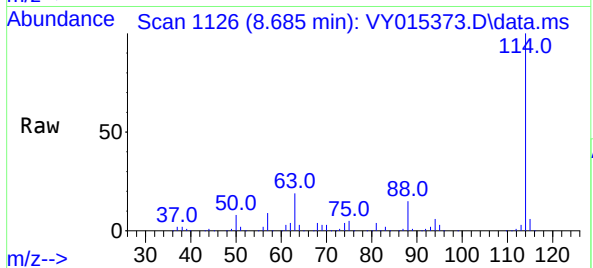




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

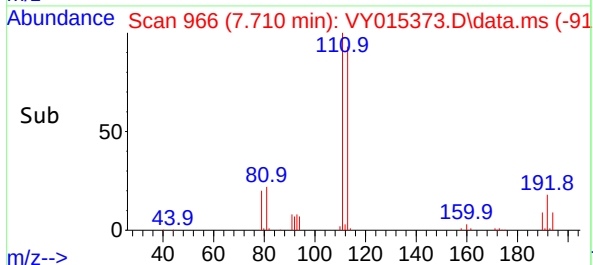
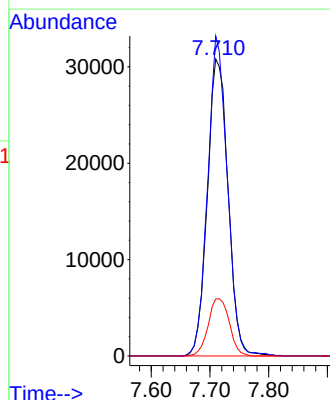
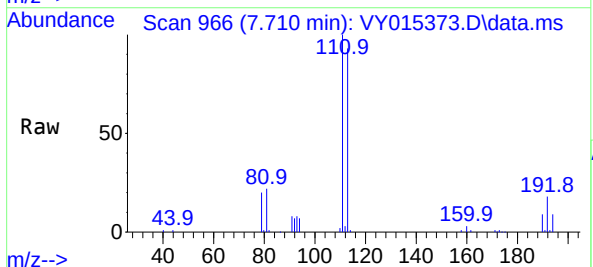
Instrument :
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ClientSampleId :
SB-3(12-12.5)

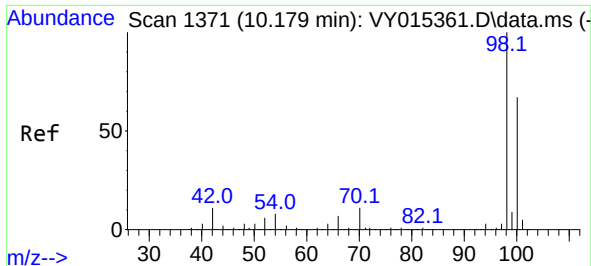
Tgt Ion:114 Resp: 240685
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.514 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

Tgt Ion:113 Resp: 75572
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3

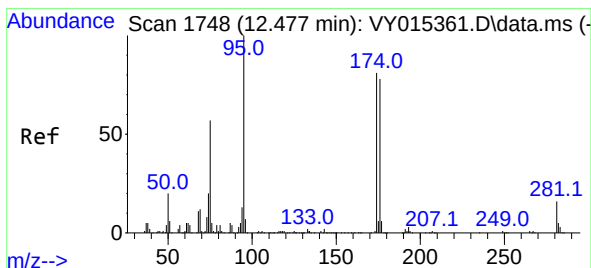
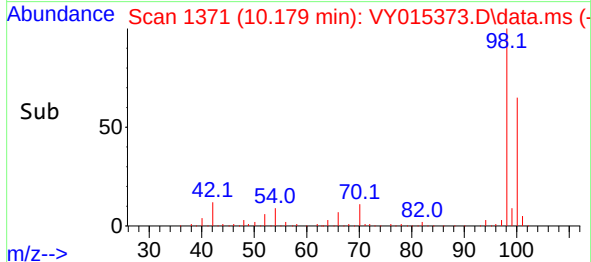
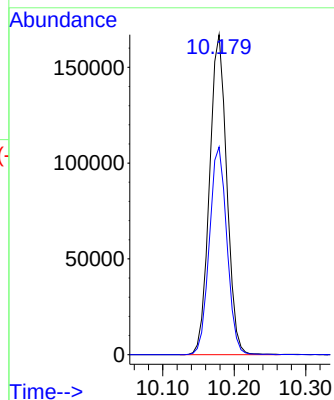
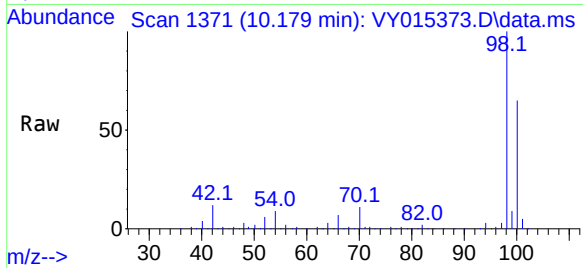




#50
Toluene-d8
Concen: 55.801 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

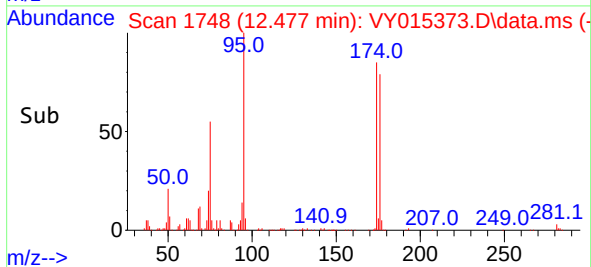
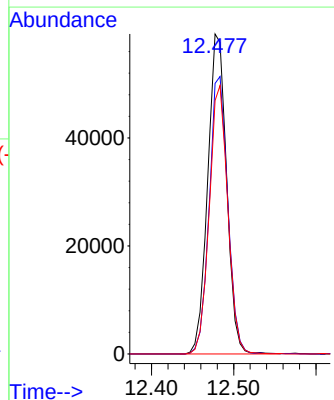
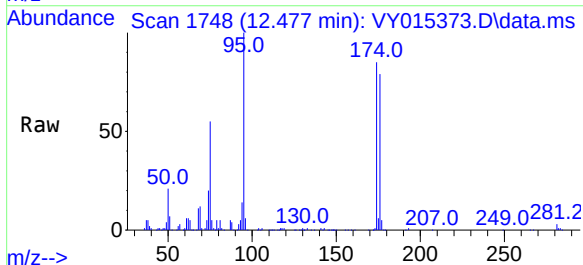
Instrument :
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SB-3(12-12.5)

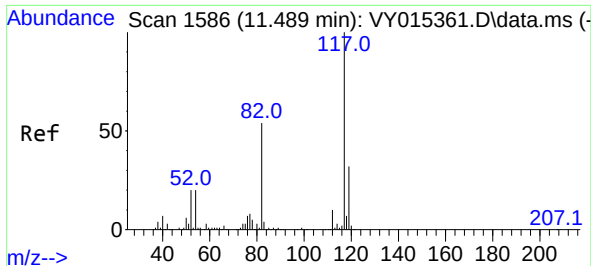
Tgt Ion: 98 Resp: 280139
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.649 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

Tgt Ion: 95 Resp: 94395
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.3 0.0 173.8

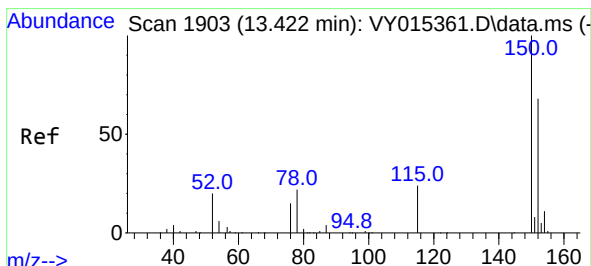
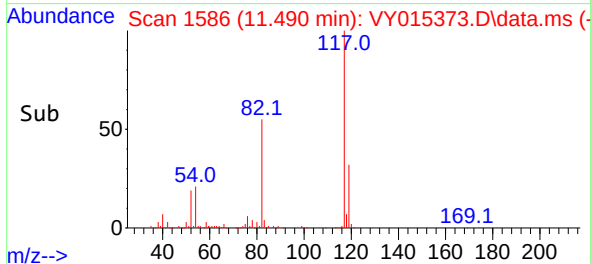
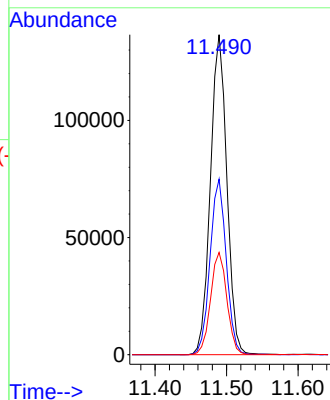
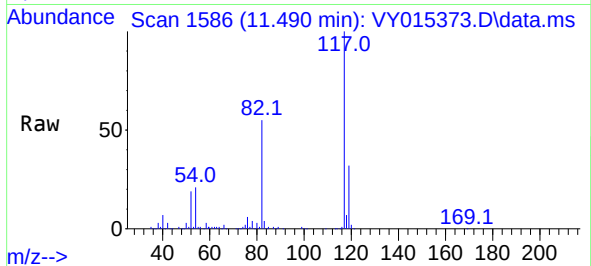




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015373.D
Acq: 30 Aug 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :
SB-3(12-12.5)

Tgt Ion:117 Resp: 218078
Ion Ratio Lower Upper
117 100
82 54.9 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: VY015373.D
Acq: 30 Aug 2023 13:28

Tgt Ion:152 Resp: 103853
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 157.4 0.0 348.8

