

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015991.D
 Acq On : 16 Oct 2023 17:50
 Operator : SY/MD
 Sample : 04907-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-101623

Quant Time: Oct 17 05:46:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	6958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	11495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	10484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	4630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	4645	58.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.980%
35) Dibromofluoromethane	7.728	113	3995	55.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.400%
50) Toluene-d8	10.191	98	13041	48.120	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.489	95	4285	44.403	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.800%

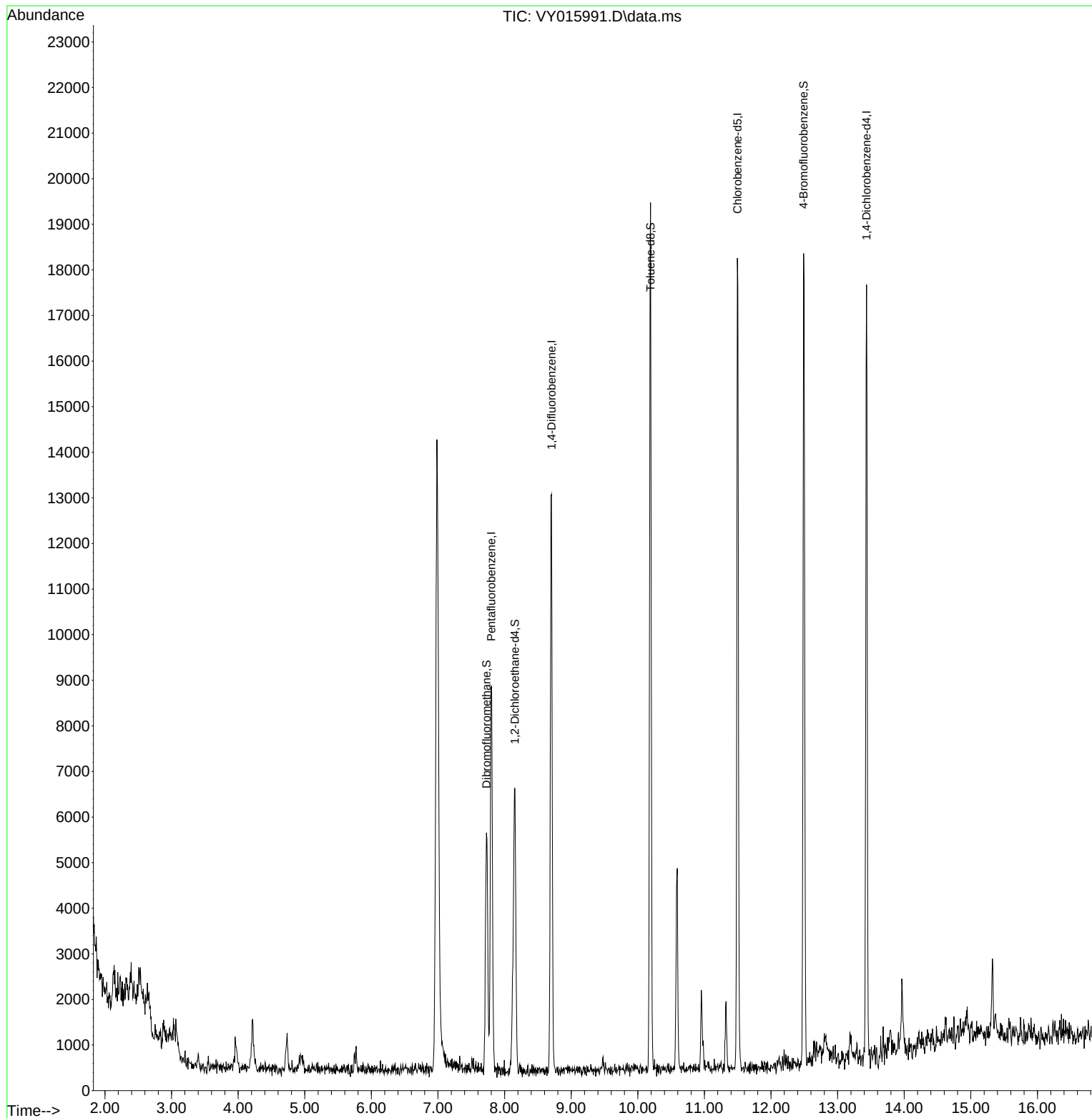
Target Compounds	Qvalue

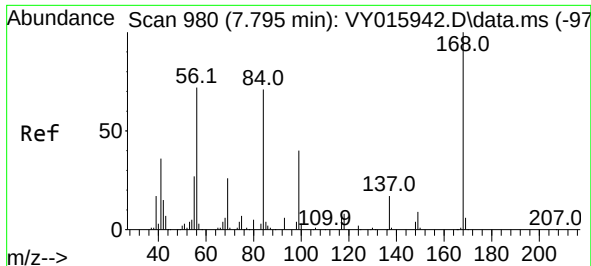
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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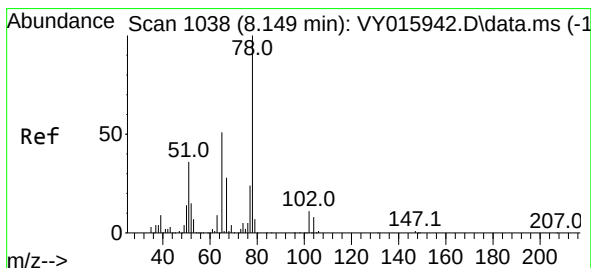
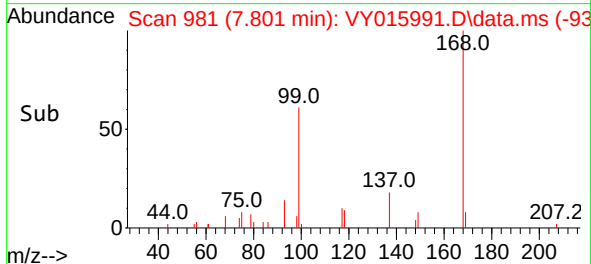
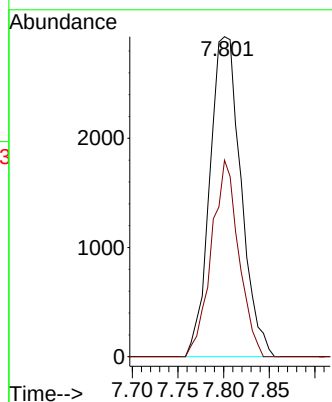
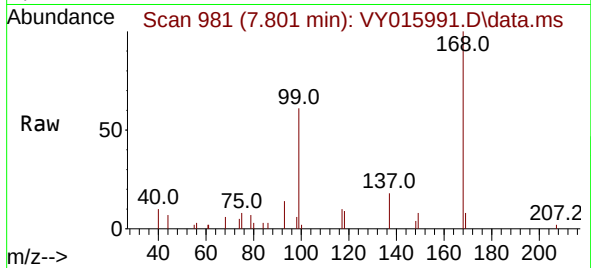




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015991.D
Acq: 16 Oct 2023 17:50

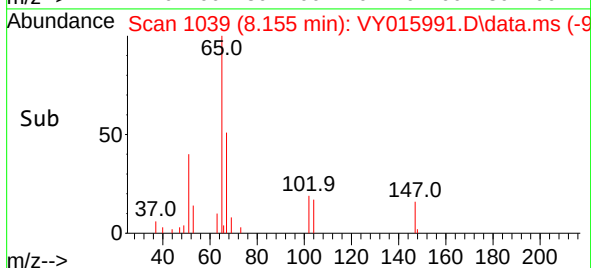
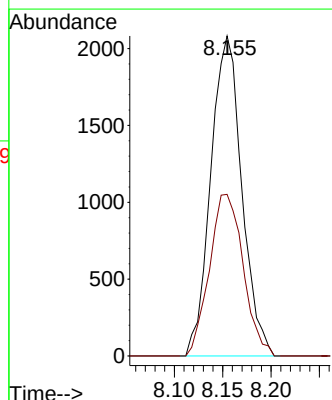
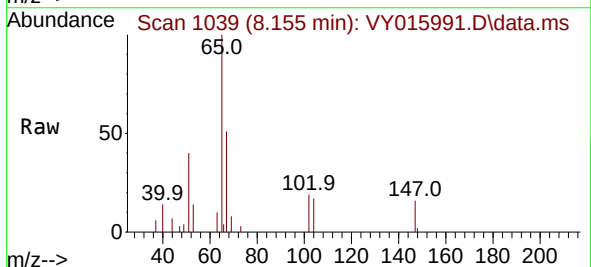
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-101623

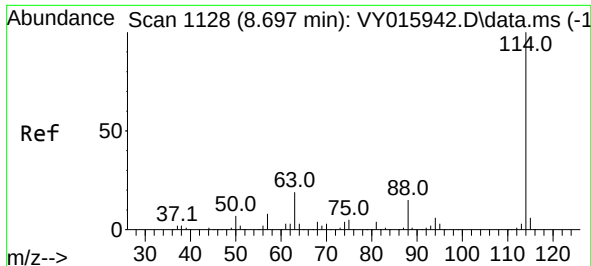
Tgt Ion:168 Resp: 6958
Ion Ratio Lower Upper
168 100
99 61.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.494 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015991.D
Acq: 16 Oct 2023 17:50

Tgt Ion: 65 Resp: 4645
Ion Ratio Lower Upper
65 100
67 54.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY015991.D

Acq: 16 Oct 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-101623

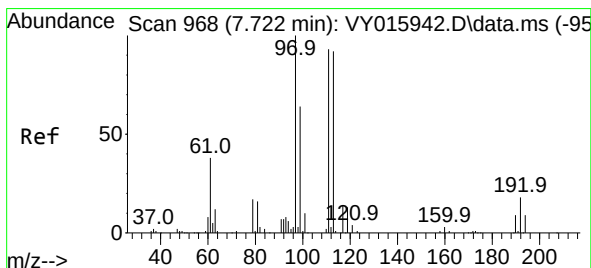
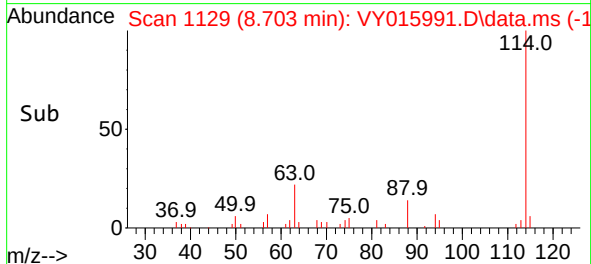
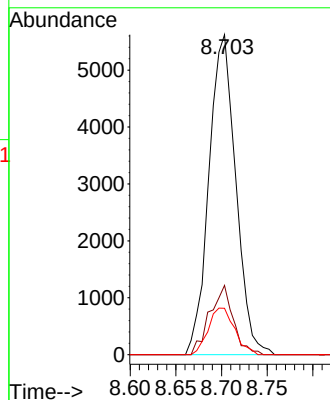
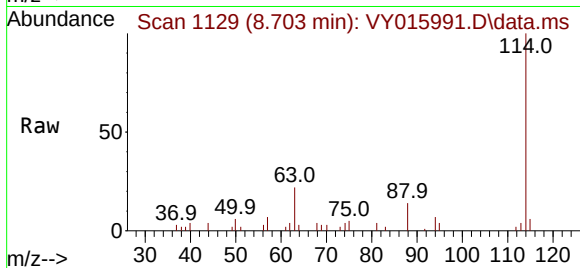
Tgt Ion:114 Resp: 11495

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.204 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015991.D

Acq: 16 Oct 2023 17:50

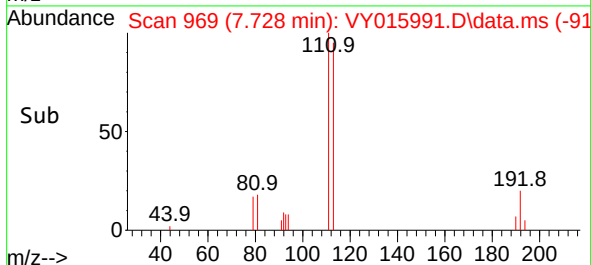
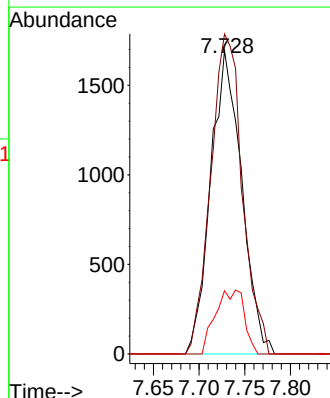
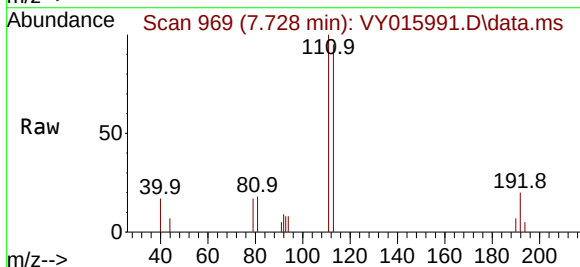
Tgt Ion:113 Resp: 3995

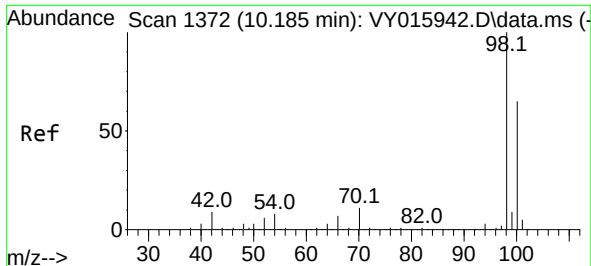
Ion Ratio Lower Upper

113 100

111 107.2 81.3 121.9

192 19.6 16.9 25.3

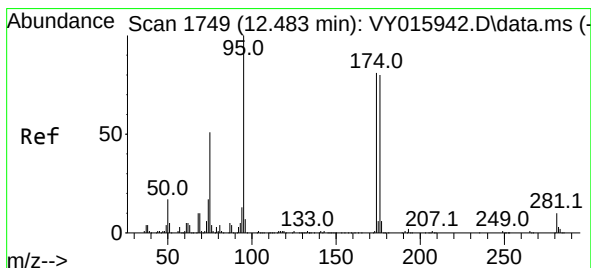
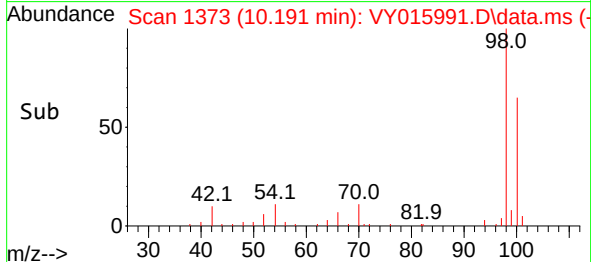
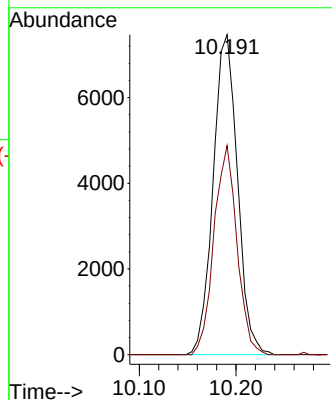
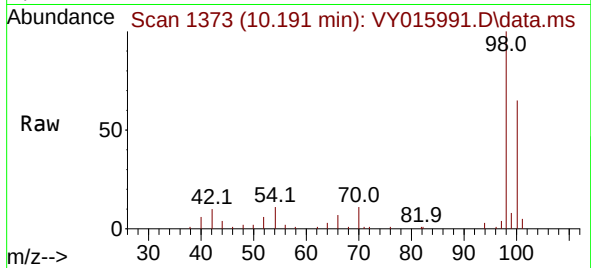




#50
Toluene-d8
Concen: 48.120 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015991.D
Acq: 16 Oct 2023 17:50

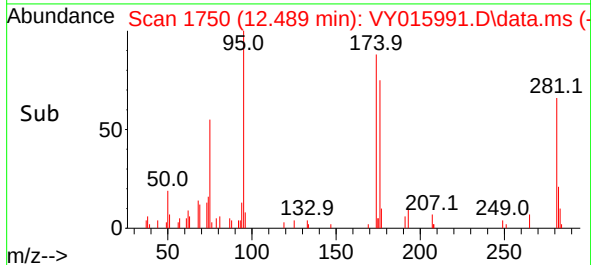
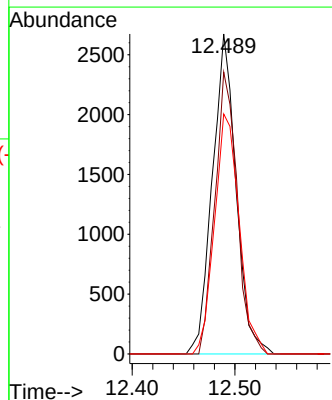
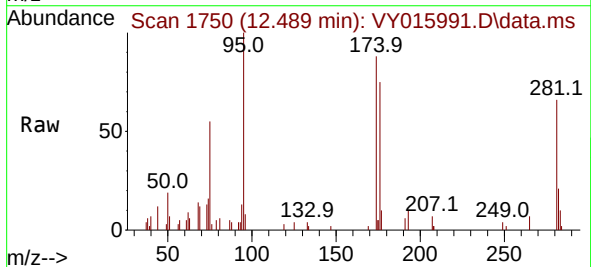
Instrument :
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OR-03-101623

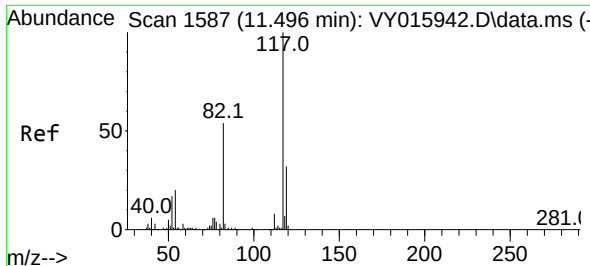
Tgt Ion: 98 Resp: 13041
Ion Ratio Lower Upper
98 100
100 61.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.403 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015991.D
Acq: 16 Oct 2023 17:50

Tgt Ion: 95 Resp: 4285
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 78.2 0.0 173.8

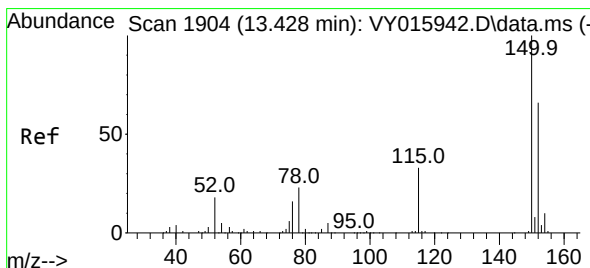
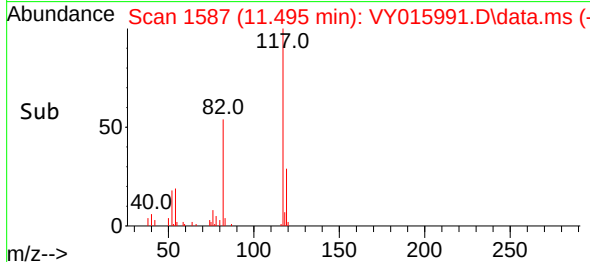
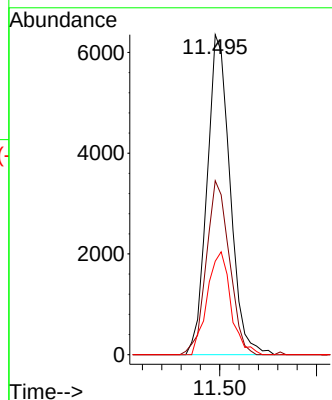
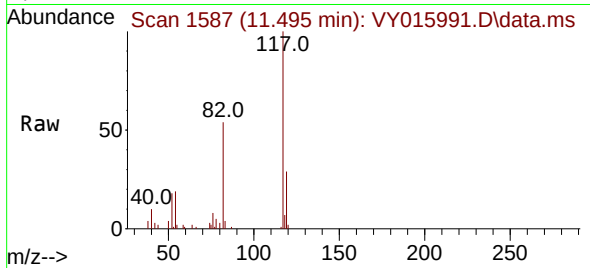




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015991.D
Acq: 16 Oct 2023 17:50

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-101623

Tgt Ion:117	Resp:	10484
Ion	Ratio	Lower Upper
117	100	
82	54.3	43.4 65.0
119	29.2	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015991.D
Acq: 16 Oct 2023 17:50

Tgt Ion:152	Resp:	4630
Ion	Ratio	Lower Upper
152	100	
115	56.0	28.8 86.5
150	159.6	0.0 348.8

