

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014560.D
 Acq On : 05 Jul 2023 15:56
 Operator : KP/MD
 Sample : 03475-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ALDENE-COMP-1

Quant Time: Jul 06 01:33:51 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	7.783	168	224739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	366301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141324	63.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.420%
35) Dibromofluoromethane	7.710	113	123468	54.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.480%
50) Toluene-d8	10.173	98	444600	49.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.477	95	147046	47.490	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.980%

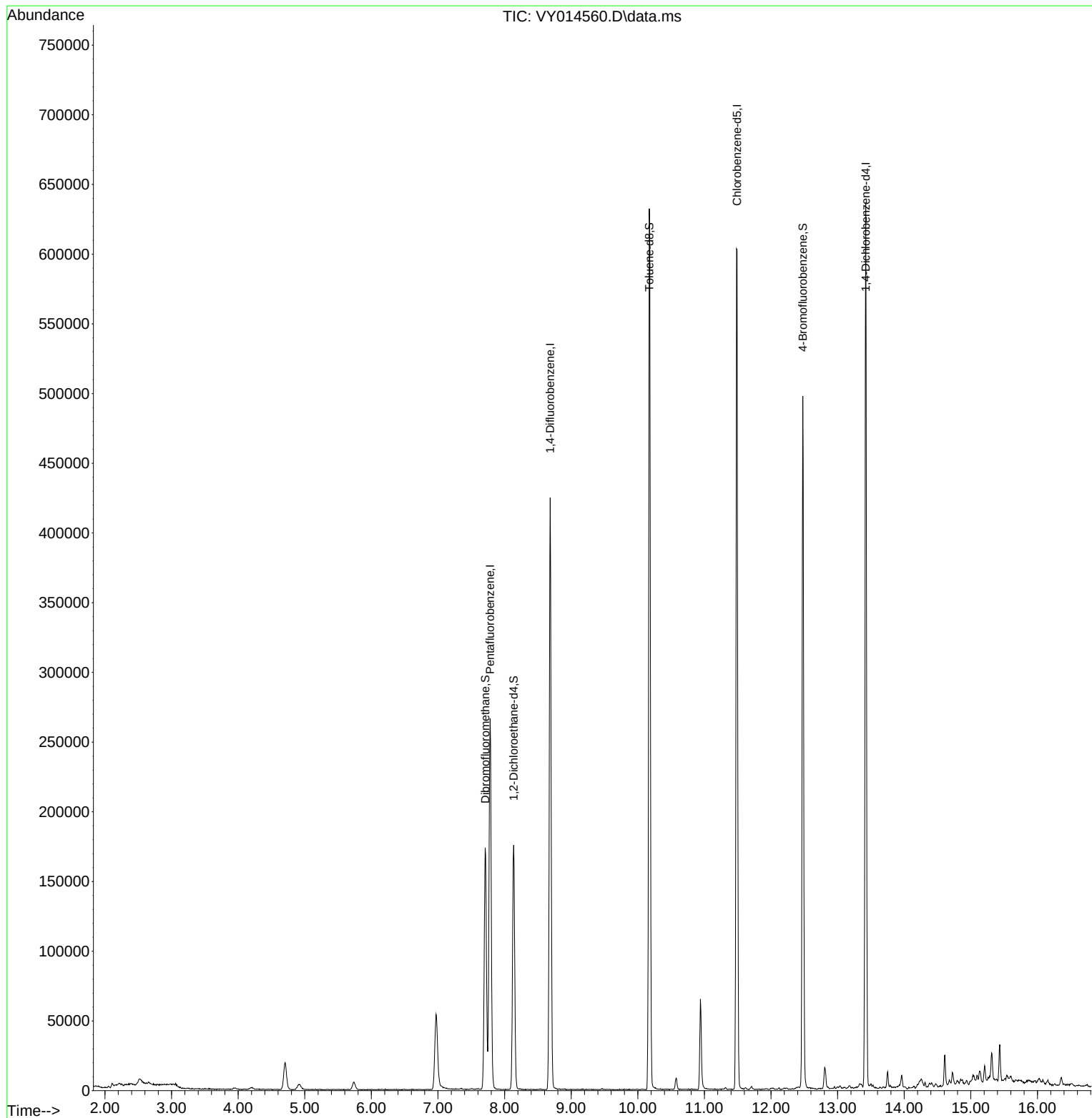
Target Compounds	Qvalue

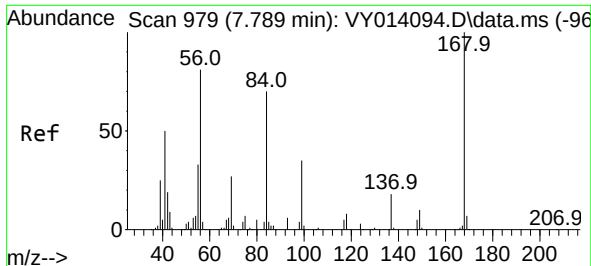
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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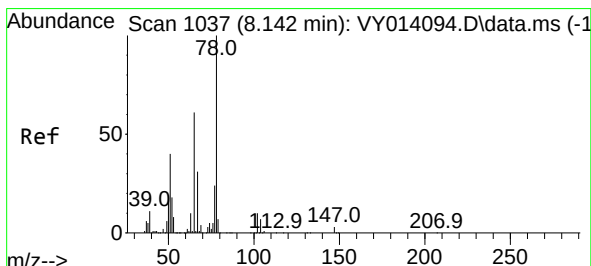
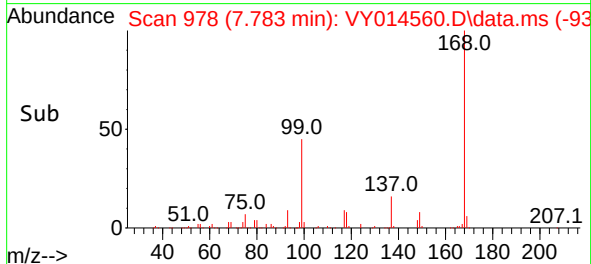
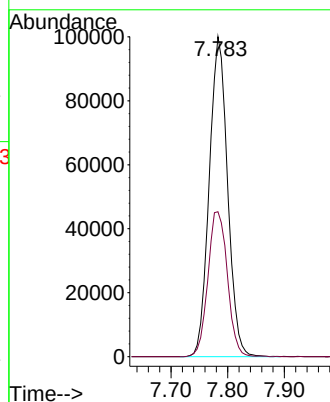
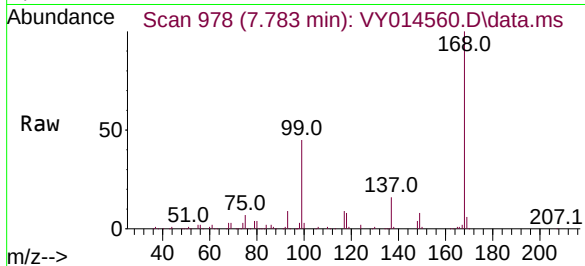




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014560.D
Acq: 05 Jul 2023 15:56

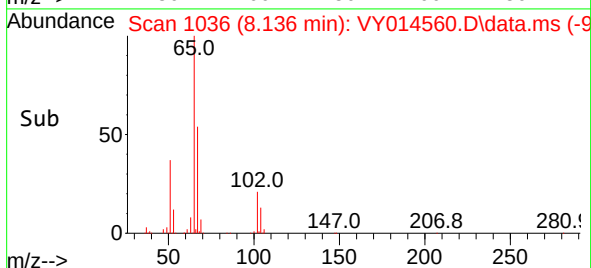
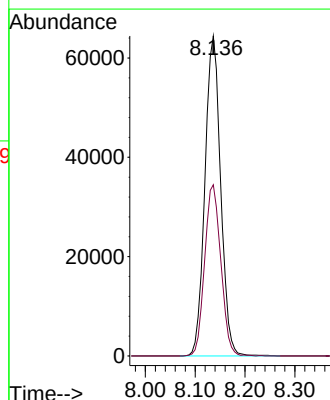
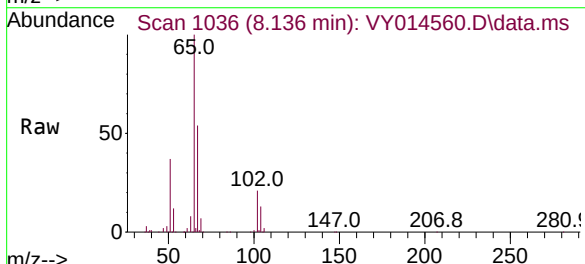
Instrument :
MSVOA_Y
ClientSampleId :
ALDENE-COMP-1

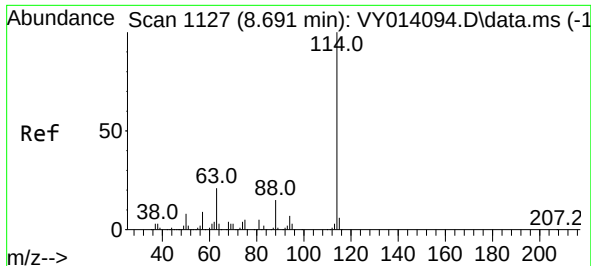
Tgt Ion:168 Resp: 224739
Ion Ratio Lower Upper
168 100
99 45.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.213 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014560.D
Acq: 05 Jul 2023 15:56

Tgt Ion: 65 Resp: 141324
Ion Ratio Lower Upper
65 100
67 54.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014560.D

Acq: 05 Jul 2023 15:56

Instrument :

MSVOA_Y

ClientSampleId :

ALDENE-COMP-1

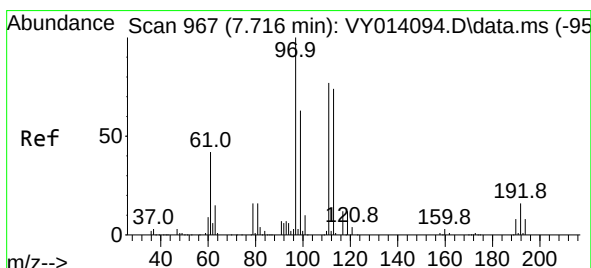
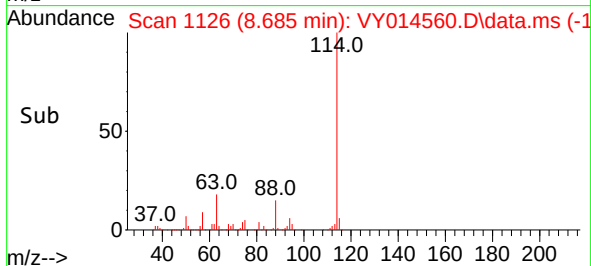
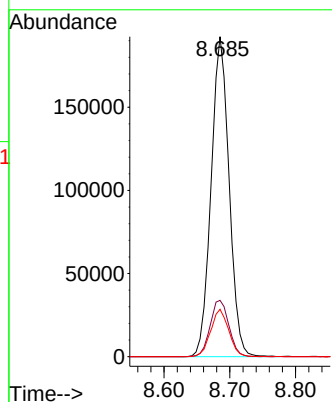
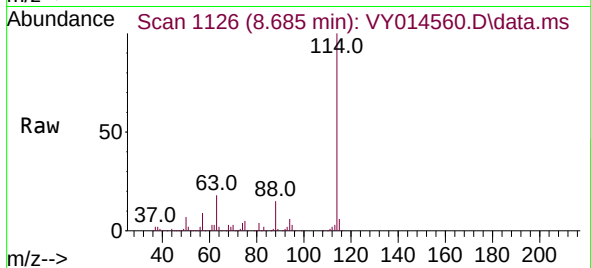
Tgt Ion:114 Resp: 366301

Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.736 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014560.D

Acq: 05 Jul 2023 15:56

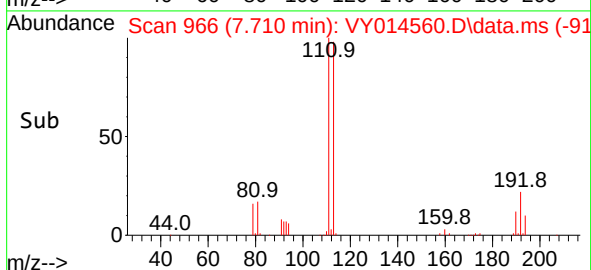
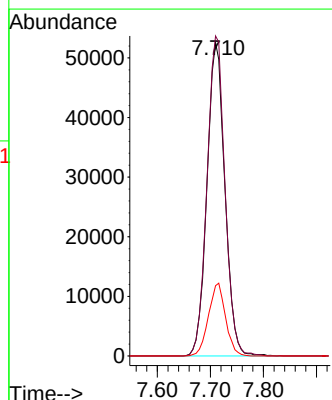
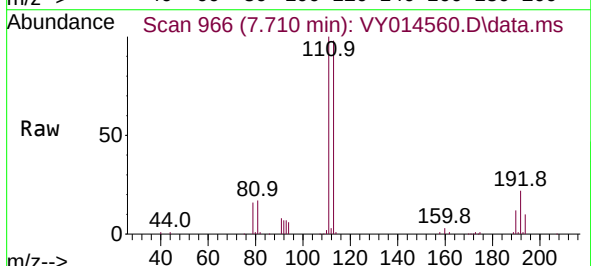
Tgt Ion:113 Resp: 123468

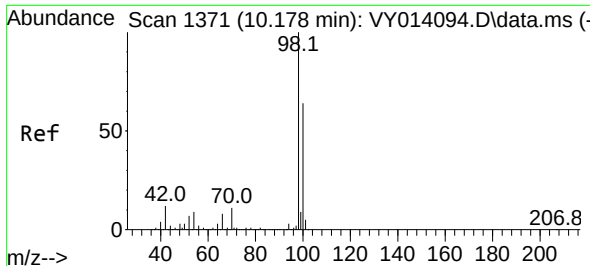
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 22.2 16.9 25.3

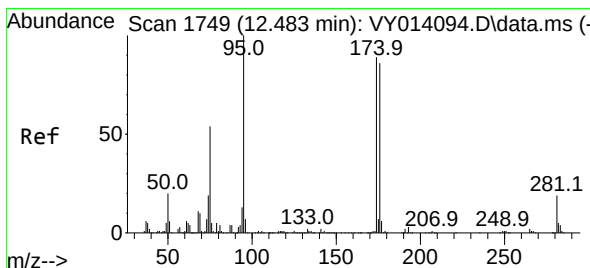
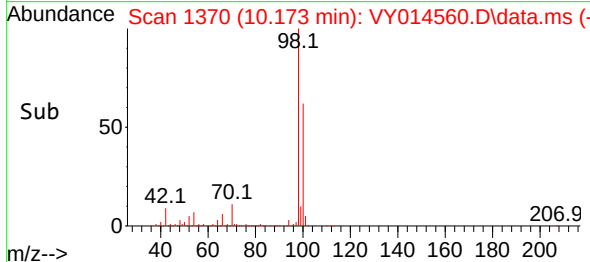
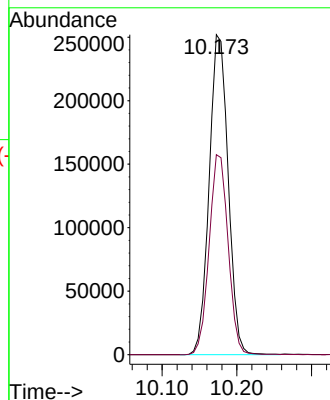
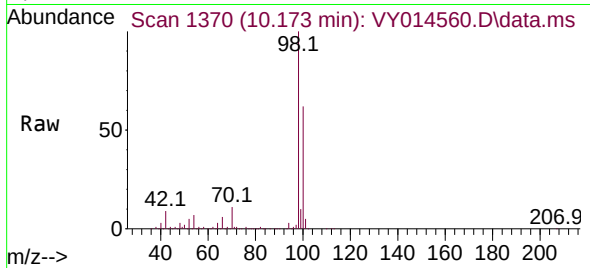




#50
Toluene-d8
Concen: 49.859 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014560.D
Acq: 05 Jul 2023 15:56

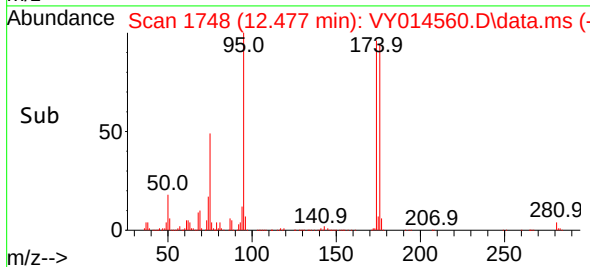
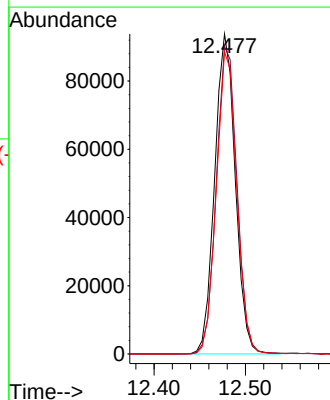
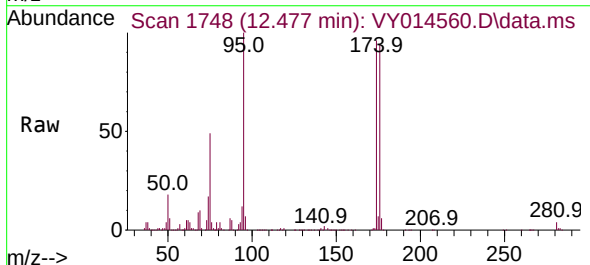
Instrument :
MSVOA_Y
ClientSampleId :
ALDENE-COMP-1

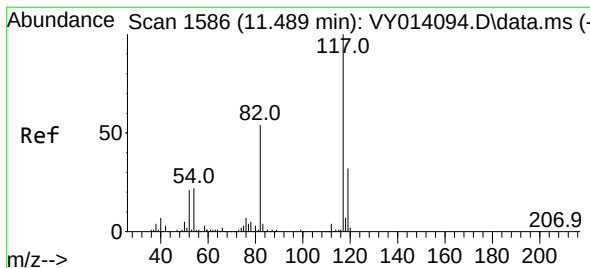
Tgt Ion: 98 Resp: 444600
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.490 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014560.D
Acq: 05 Jul 2023 15:56

Tgt Ion: 95 Resp: 147046
Ion Ratio Lower Upper
95 100
174 96.6 0.0 178.2
176 93.2 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: VY014560.D

Acq: 05 Jul 2023 15:56

Instrument :

MSVOA_Y

ClientSampleId :

ALDENE-COMP-1

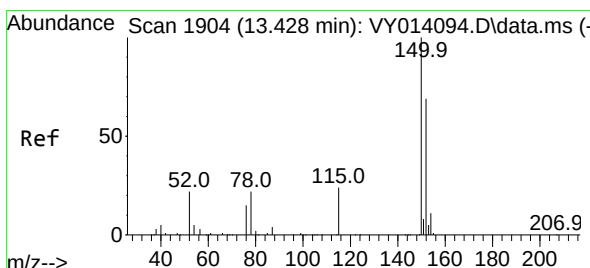
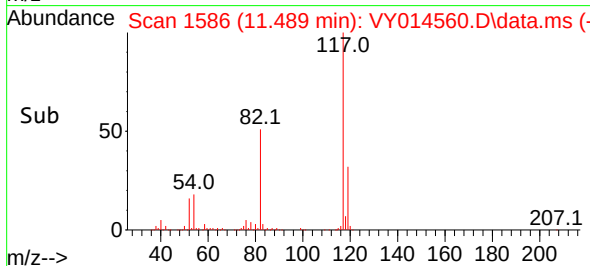
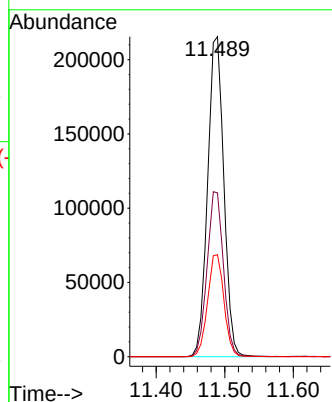
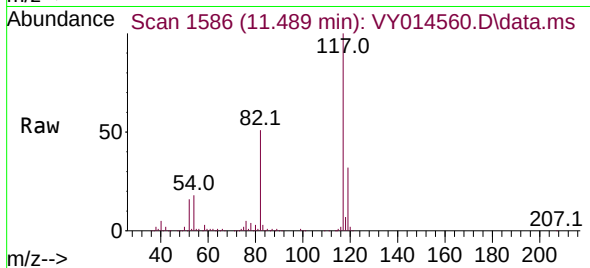
Tgt Ion:117 Resp: 354461

Ion Ratio Lower Upper

117 100

82 51.2 43.4 65.0

119 31.8 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: VY014560.D

Acq: 05 Jul 2023 15:56

Tgt Ion:152 Resp: 171774

Ion Ratio Lower Upper

152 100

115 54.2 28.8 86.5

150 156.0 0.0 348.8

