

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014543.D
 Acq On : 03 Jul 2023 18:20
 Operator : KP/MD
 Sample : 03475-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ALDENE-COMP-1

Quant Time: Jul 04 03:04:32 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	177921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115980	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90124	50.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.840%
35) Dibromofluoromethane	7.716	113	86941	52.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.720%
50) Toluene-d8	10.178	98	314661	48.392	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.477	95	98112	43.453	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.900%

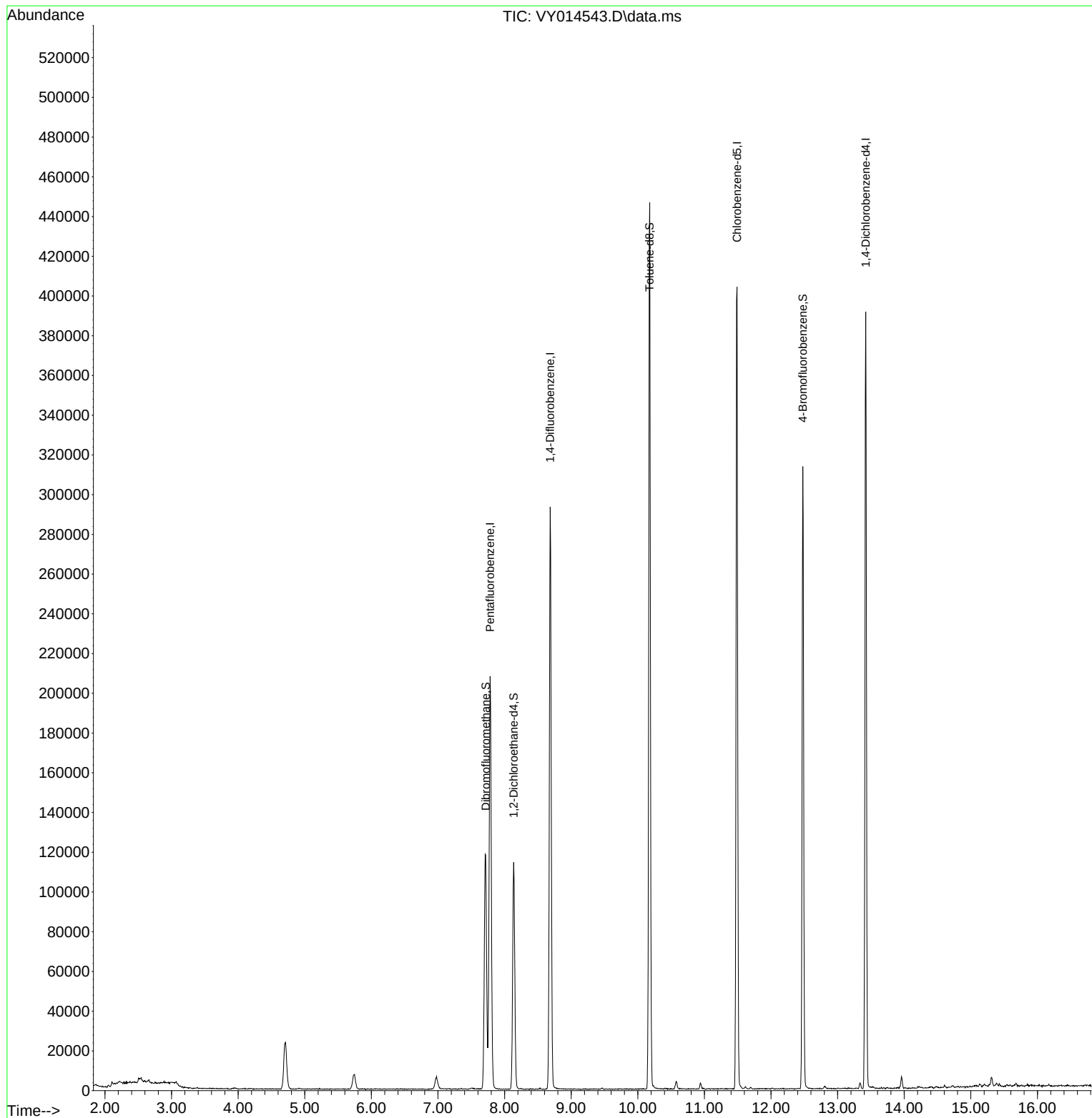
Target Compounds	Qvalue

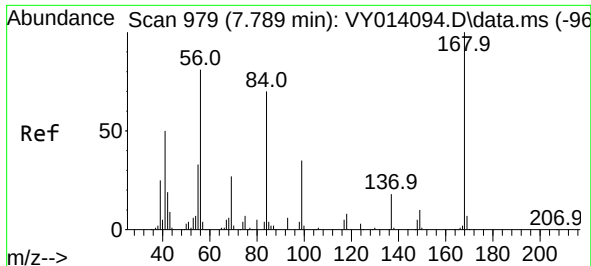
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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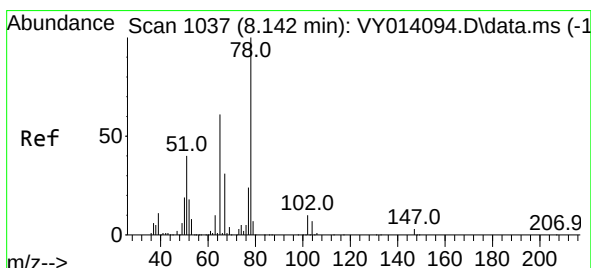
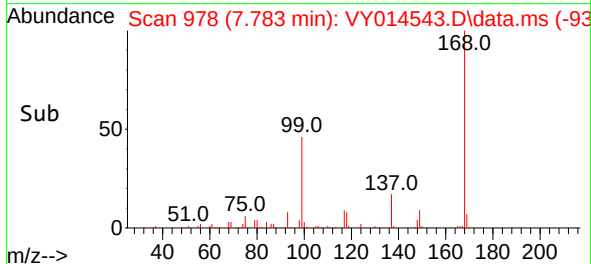
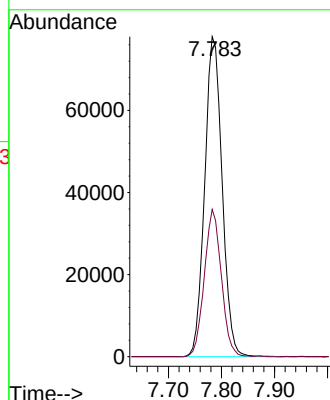
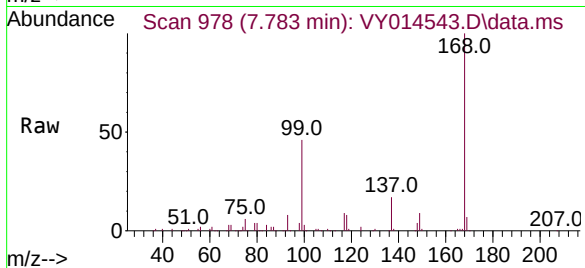




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

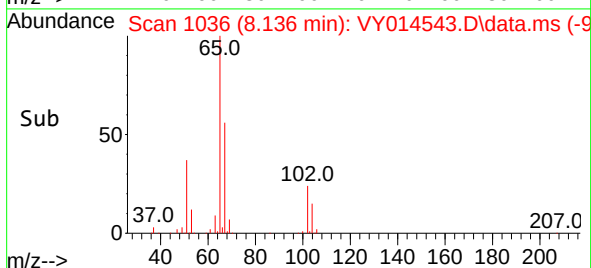
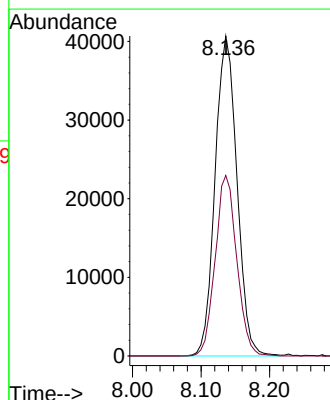
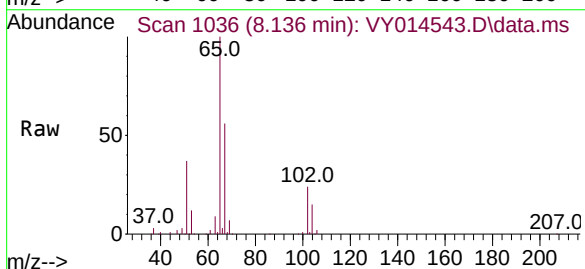
Instrument :
MSVOA_Y
ClientSampleId :
ALDENE-COMP-1

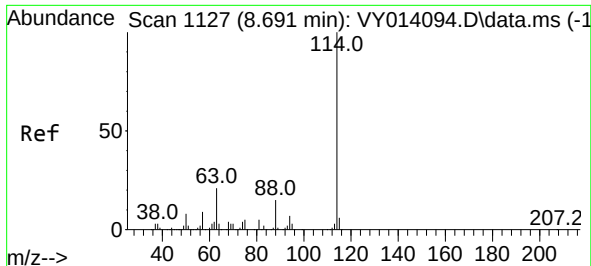
Tgt Ion:168 Resp: 177921
Ion Ratio Lower Upper
168 100
99 46.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.920 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

Tgt Ion: 65 Resp: 90124
Ion Ratio Lower Upper
65 100
67 55.6 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: VY014543.D

Acq: 03 Jul 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

ALDENE-COMP-1

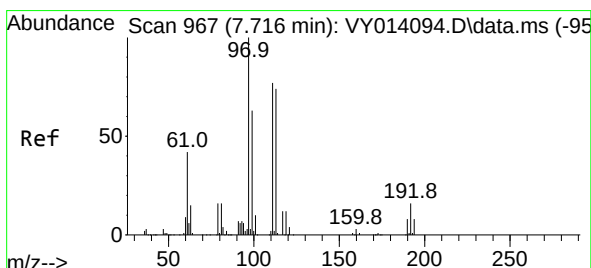
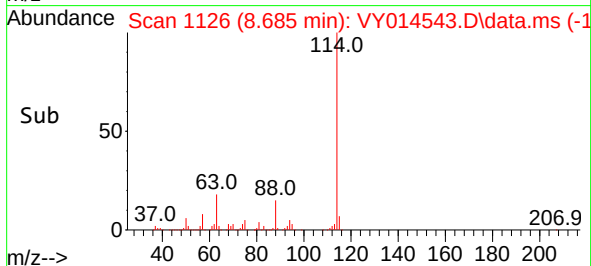
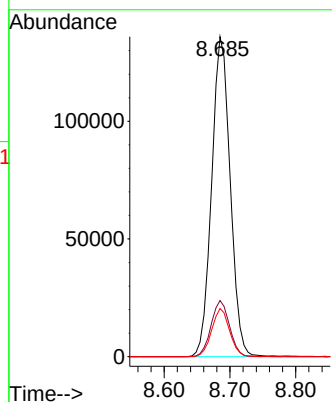
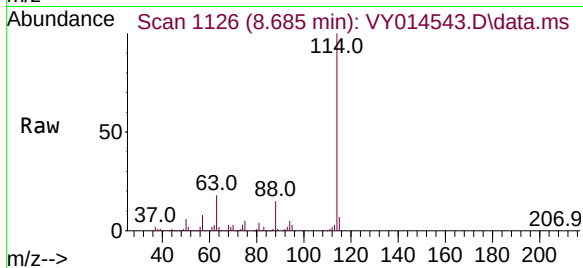
Tgt Ion:114 Resp: 267106

Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.856 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014543.D

Acq: 03 Jul 2023 18:20

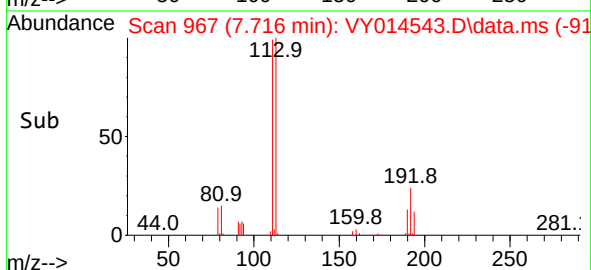
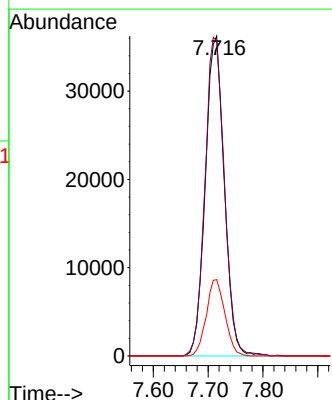
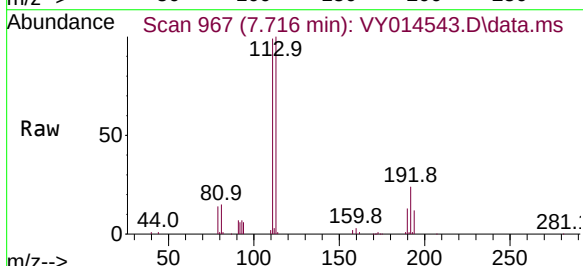
Tgt Ion:113 Resp: 86941

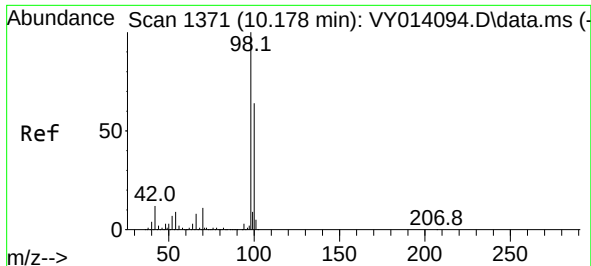
Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

192 23.4 16.9 25.3

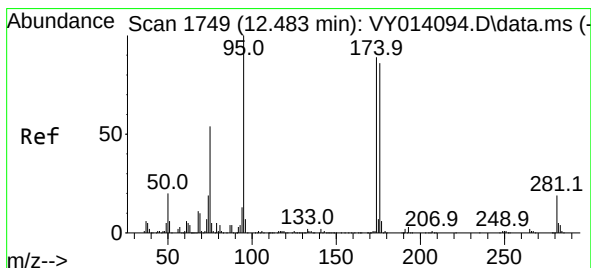
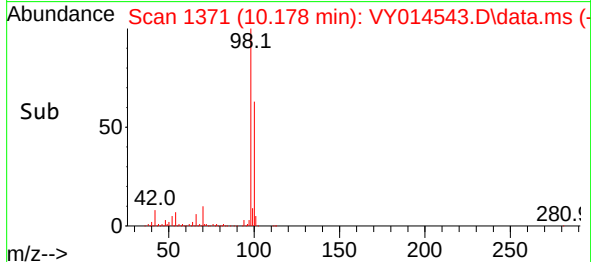
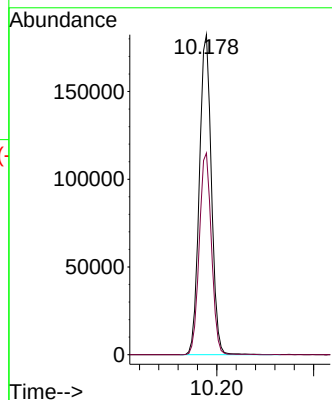
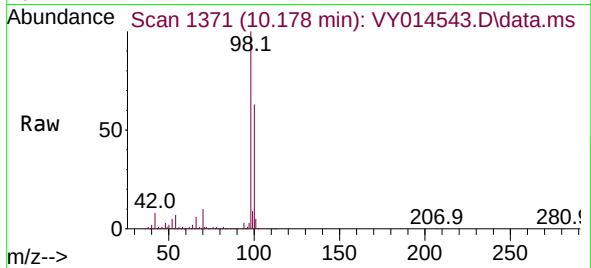




#50
Toluene-d8
Concen: 48.392 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

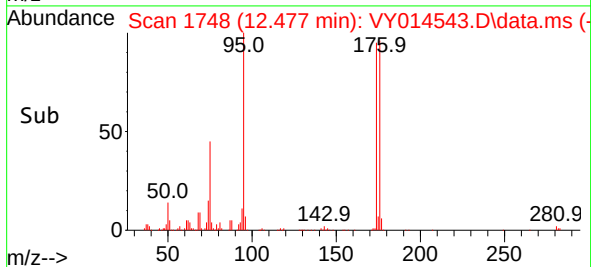
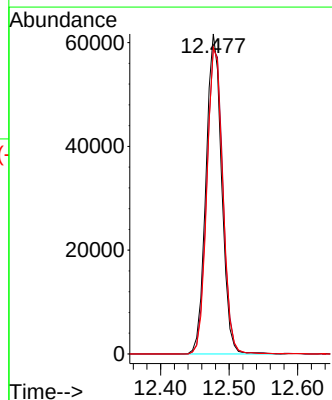
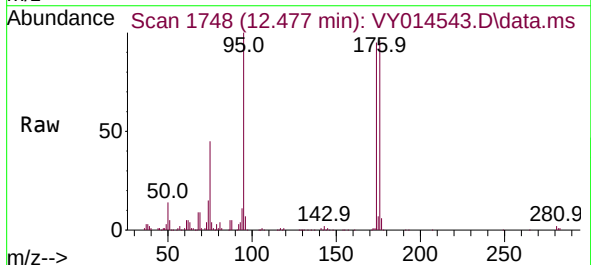
Instrument :
MSVOA_Y
ClientSampleId :
ALDENE-COMP-1

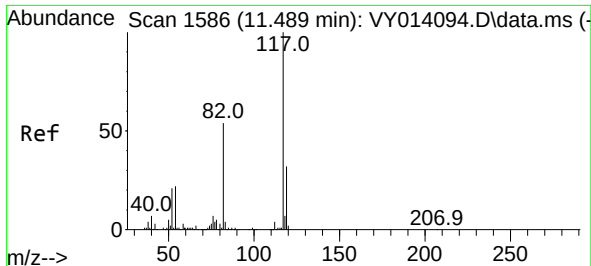
Tgt Ion: 98 Resp: 314661
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.453 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014543.D
Acq: 03 Jul 2023 18:20

Tgt Ion: 95 Resp: 98112
Ion Ratio Lower Upper
95 100
174 98.7 0.0 178.2
176 96.8 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: VY014543.D

Acq: 03 Jul 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

ALDENE-COMP-1

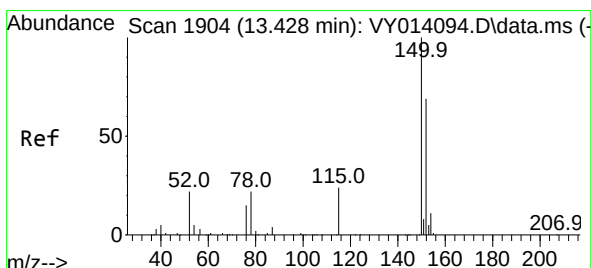
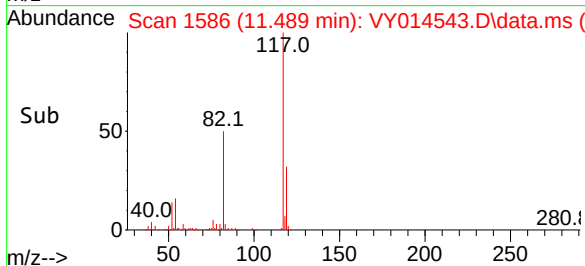
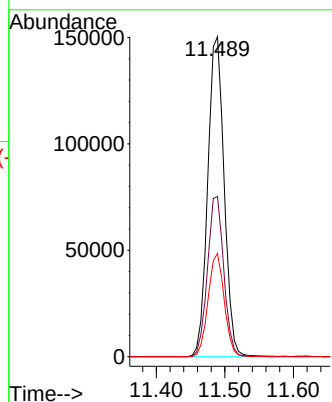
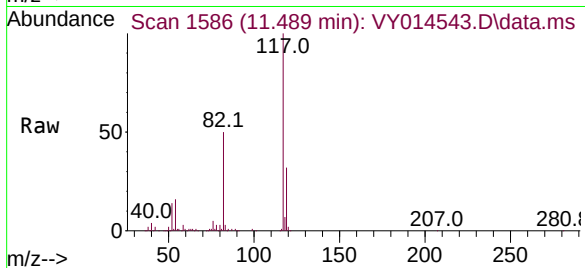
Tgt Ion:117 Resp: 250171

Ion Ratio Lower Upper

117 100

82 50.1 43.4 65.0

119 32.3 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: VY014543.D

Acq: 03 Jul 2023 18:20

Tgt Ion:152 Resp: 115980

Ion Ratio Lower Upper

152 100

115 52.6 28.8 86.5

150 156.7 0.0 348.8

