

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015142.D
 Acq On : 16 Aug 2023 12:09
 Operator : SY/MD
 Sample : 03972-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 367RE

Quant Time: Aug 17 05:28:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	13594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	22635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	21099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8816	54.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.060%
35) Dibromofluoromethane	7.716	113	6845	47.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.020%
50) Toluene-d8	10.179	98	26407	48.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.483	95	9083	45.876	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.760%

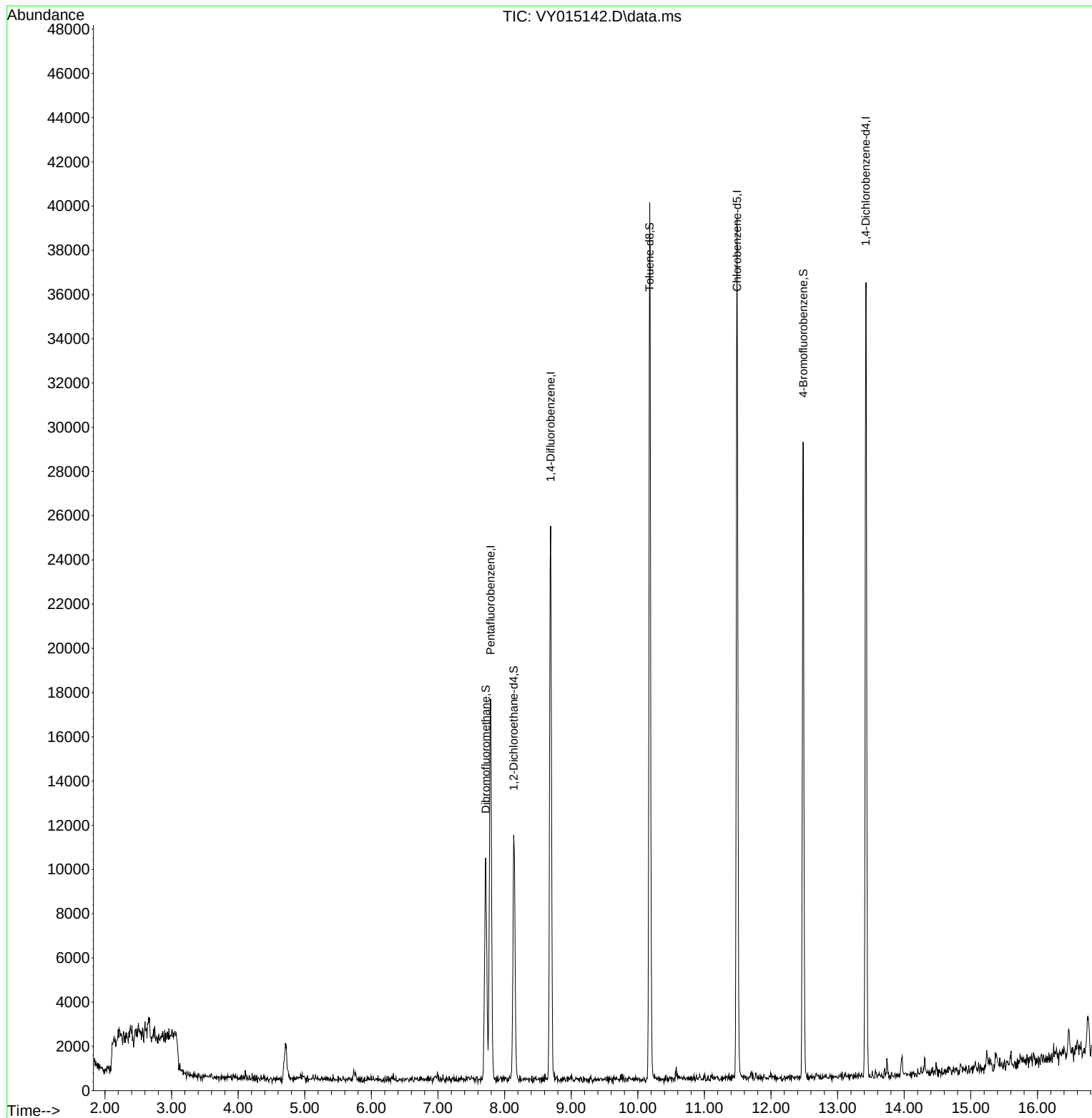
Target Compounds	Qvalue

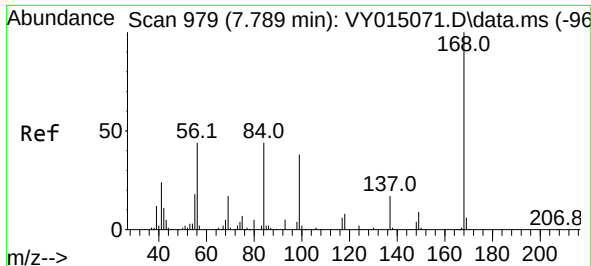
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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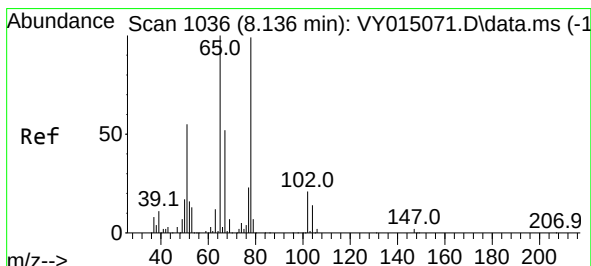
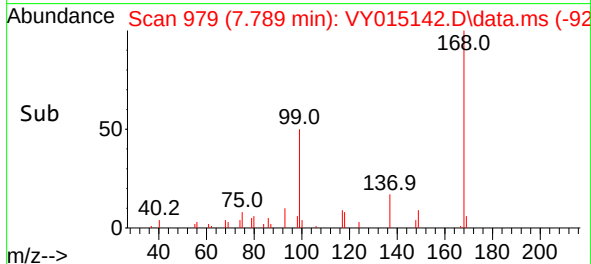
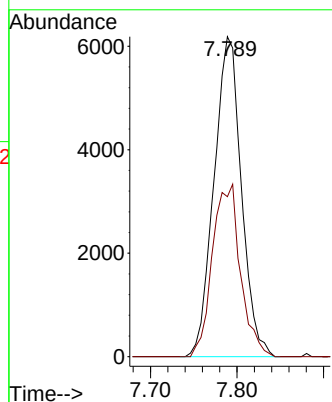
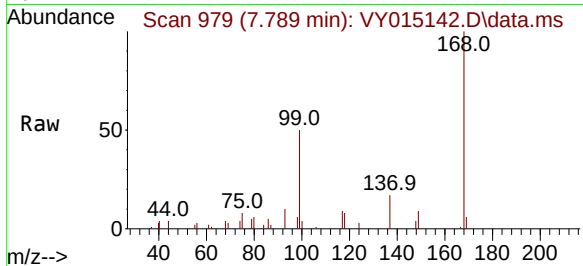




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

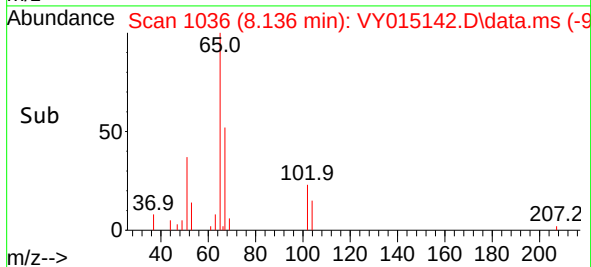
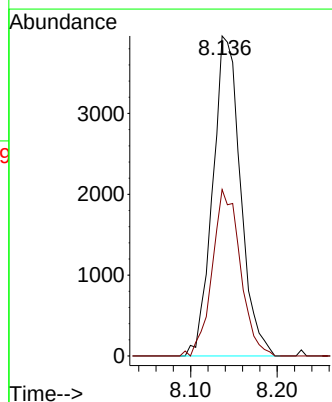
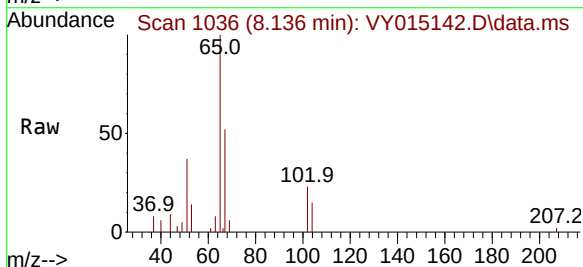
Instrument :
MSVOA_Y
ClientSampleId :
367RE

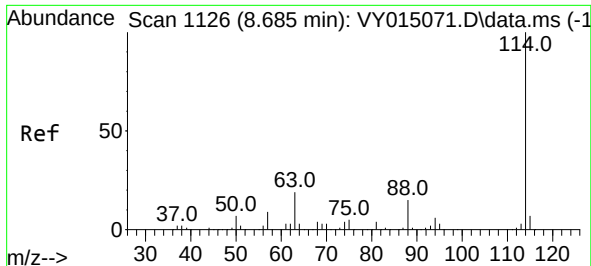
Tgt Ion:168 Resp: 13594
Ion Ratio Lower Upper
168 100
99 50.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.025 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

Tgt Ion: 65 Resp: 8816
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015142.D

Acq: 16 Aug 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

367RE

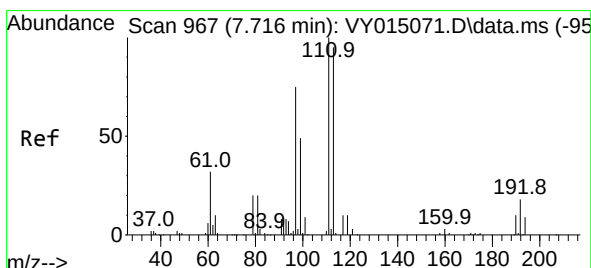
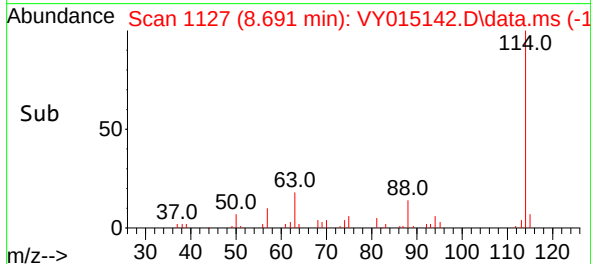
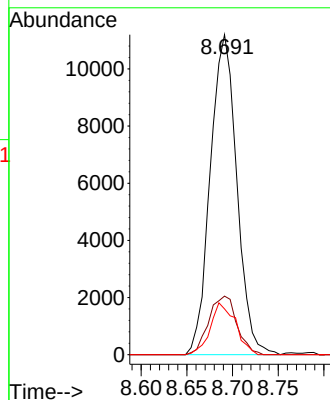
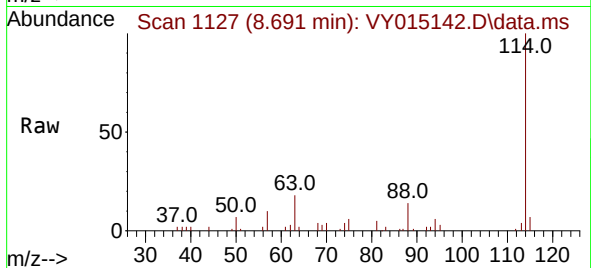
Tgt Ion:114 Resp: 22635

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.006 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015142.D

Acq: 16 Aug 2023 12:09

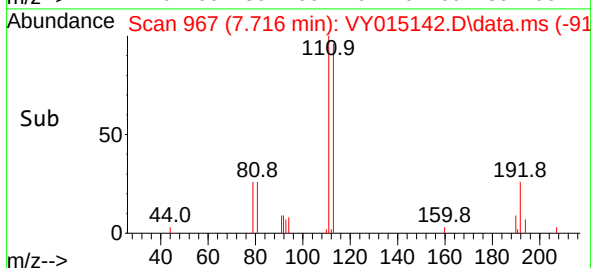
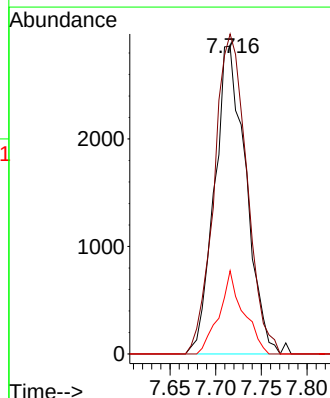
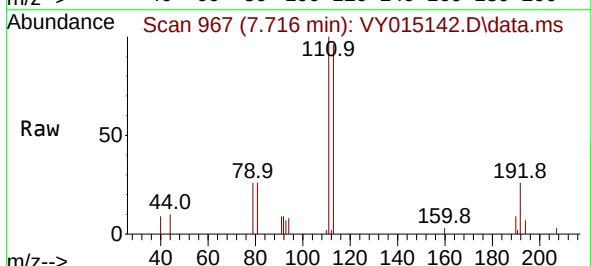
Tgt Ion:113 Resp: 6845

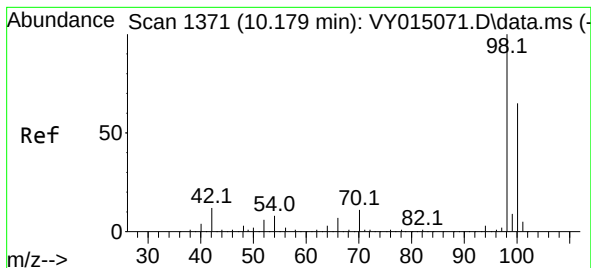
Ion Ratio Lower Upper

113 100

111 107.9 81.3 121.9

192 20.9 16.9 25.3





#50

Toluene-d8

Concen: 48.715 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015142.D

Acq: 16 Aug 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

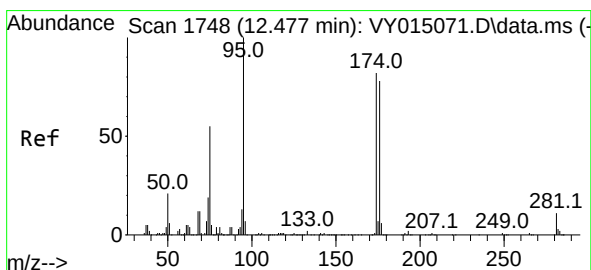
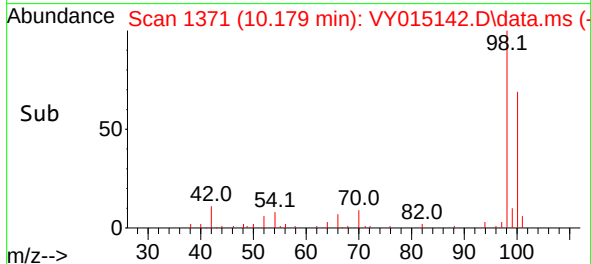
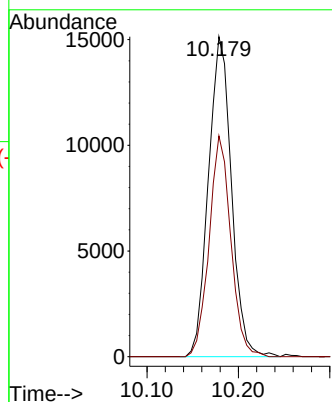
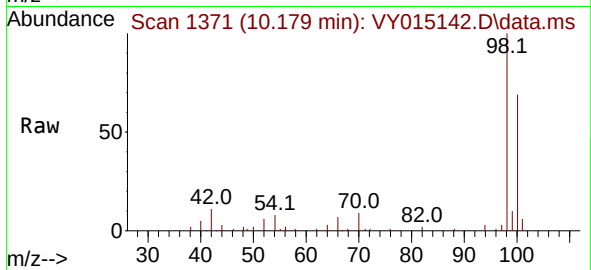
367RE

Tgt Ion: 98 Resp: 26407

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 45.876 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015142.D

Acq: 16 Aug 2023 12:09

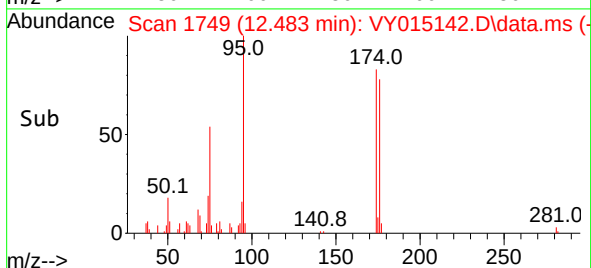
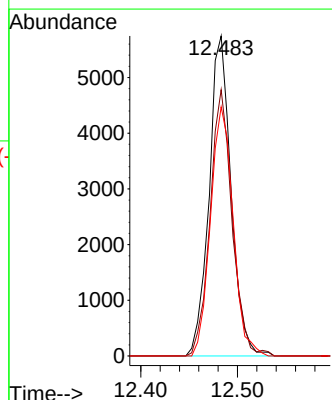
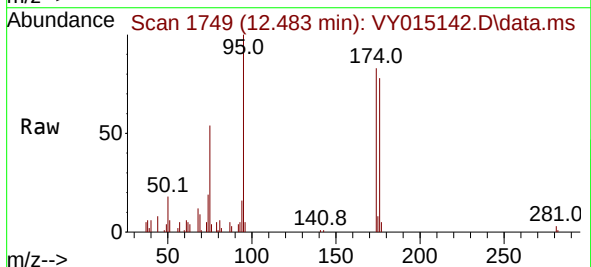
Tgt Ion: 95 Resp: 9083

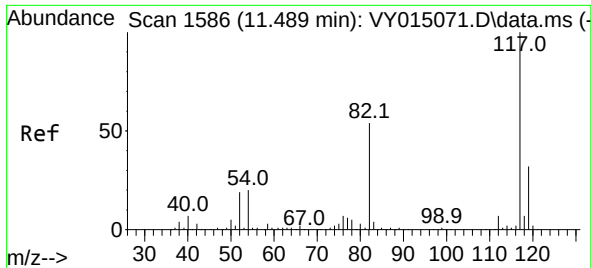
Ion Ratio Lower Upper

95 100

174 83.3 0.0 178.2

176 80.0 0.0 173.8

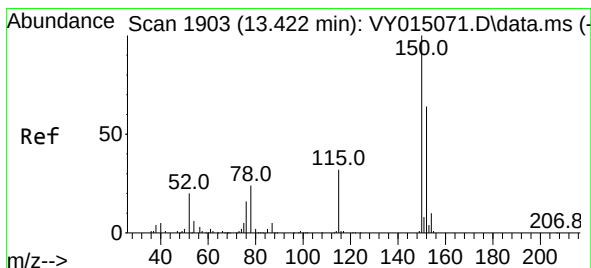
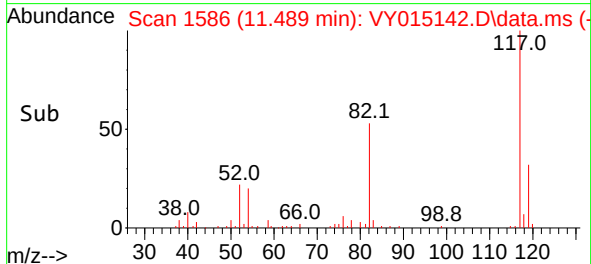
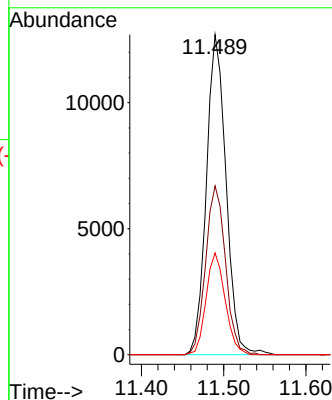
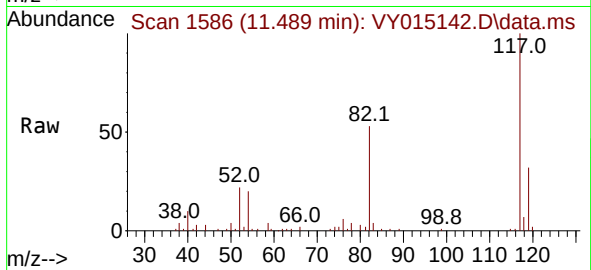




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
367RE

Tgt Ion:117 Resp: 21099
Ion Ratio Lower Upper
117 100
82 52.7 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. 0.000 min
Lab File: VY015142.D
Acq: 16 Aug 2023 12:09

Tgt Ion:152 Resp: 9600
Ion Ratio Lower Upper
152 100
115 59.3 28.8 86.5
150 159.8 0.0 348.8

