

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015247.D
 Acq On : 22 Aug 2023 16:15
 Operator : SY/MD
 Sample : 04082-09
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 362

Quant Time: Aug 23 00:50:07 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	127525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83620	54.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.240%
35) Dibromofluoromethane	7.715	113	66900	48.834	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.660%
50) Toluene-d8	10.178	98	248553	48.739	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.483	95	81343	43.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.340%

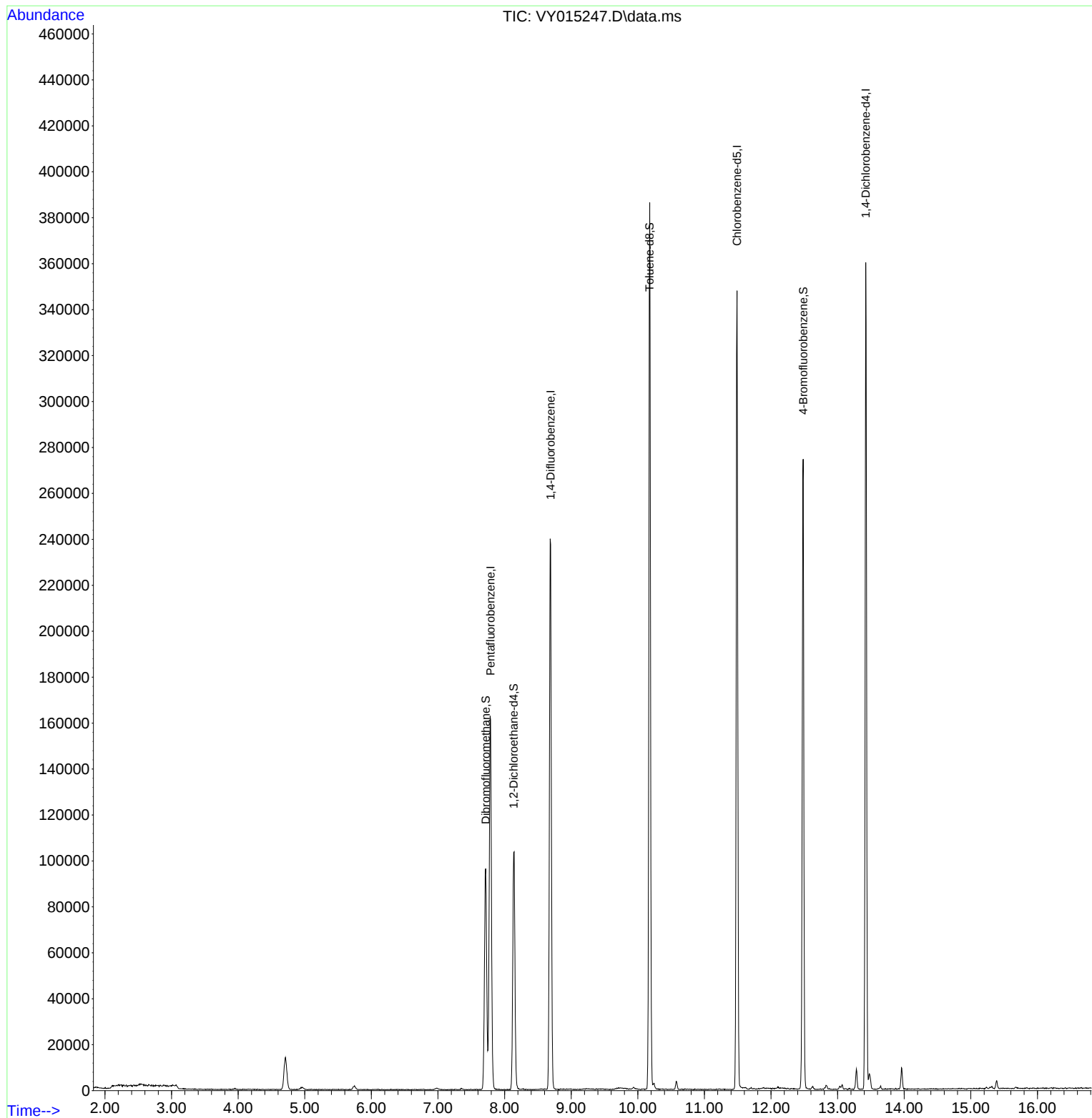
Target Compounds	Qvalue

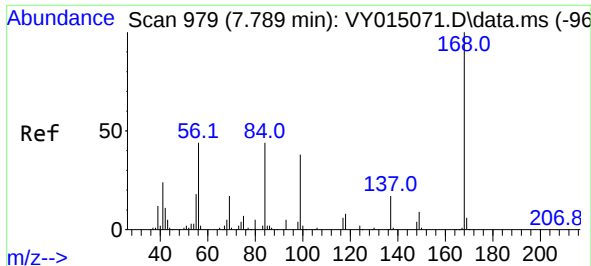
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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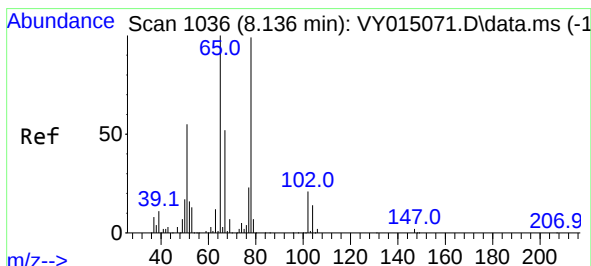
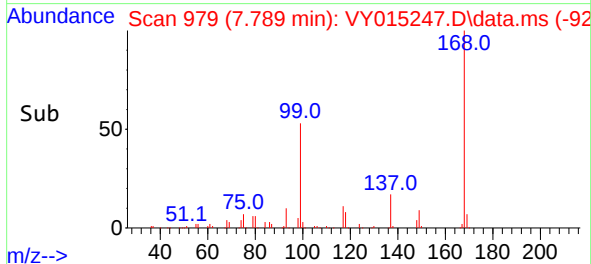
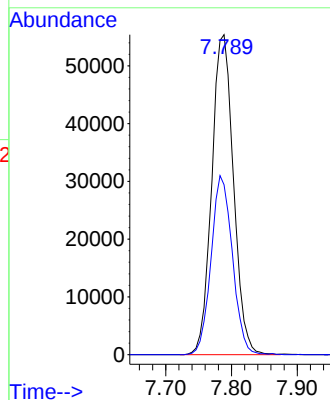
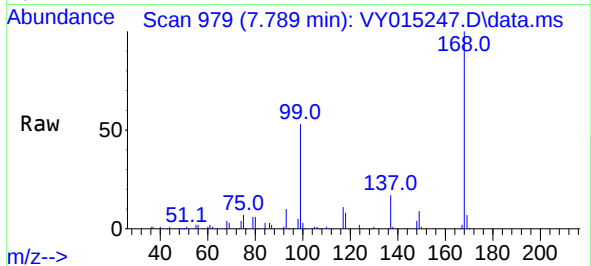




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015247.D
Acq: 22 Aug 2023 16:15

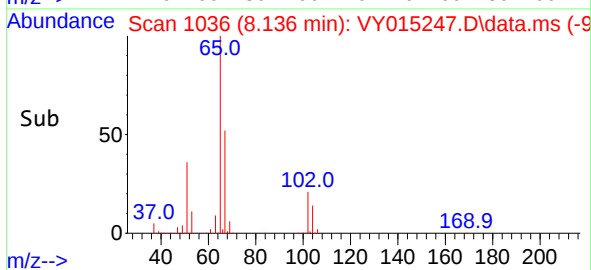
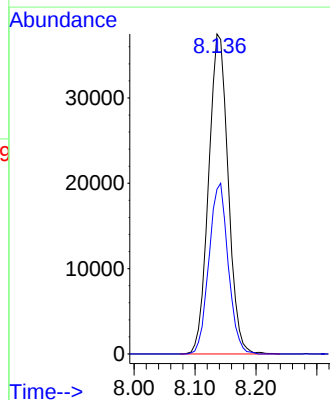
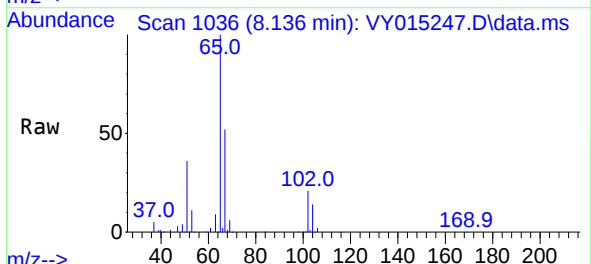
Instrument :
MSVOA_Y
ClientSampleId :
362

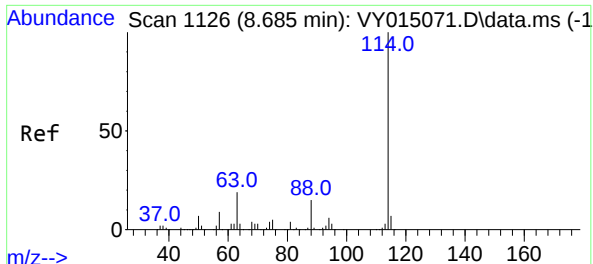
Tgt Ion:168 Resp: 127525
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.624 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015247.D
Acq: 22 Aug 2023 16:15

Tgt Ion: 65 Resp: 83620
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015247.D

Acq: 22 Aug 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

362

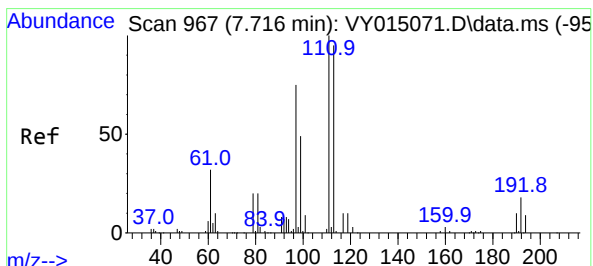
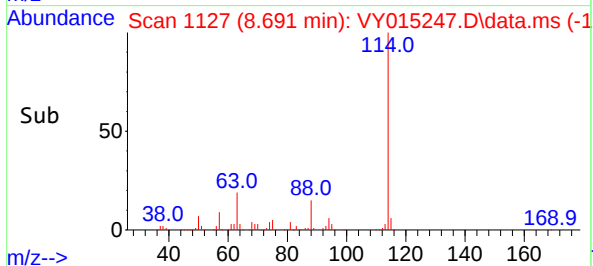
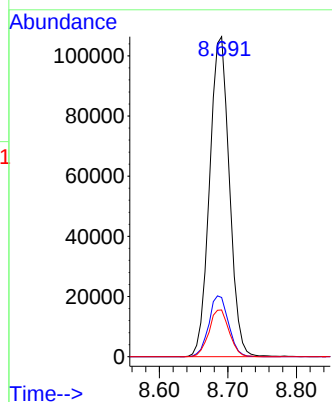
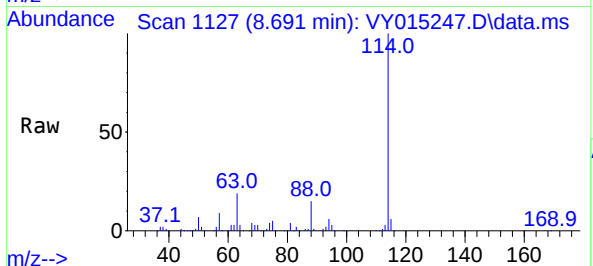
Tgt Ion:114 Resp: 212944

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.834 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015247.D

Acq: 22 Aug 2023 16:15

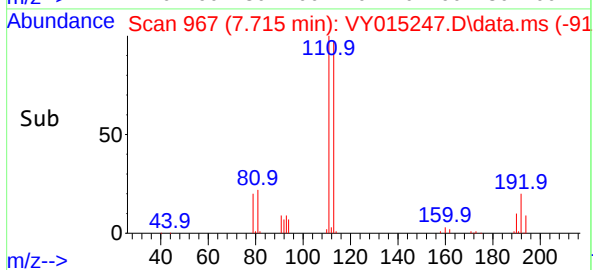
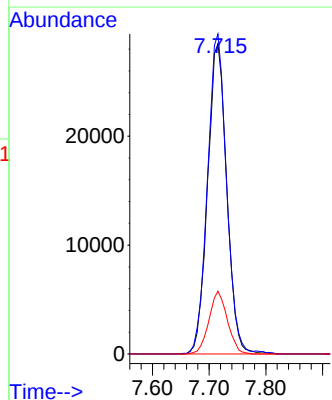
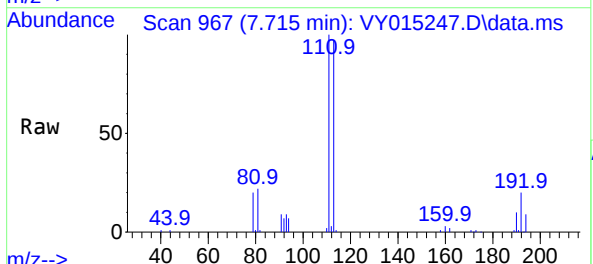
Tgt Ion:113 Resp: 66900

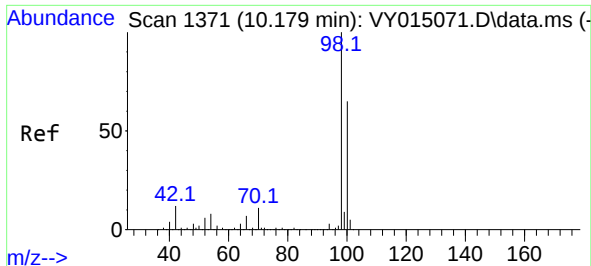
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.5 16.9 25.3

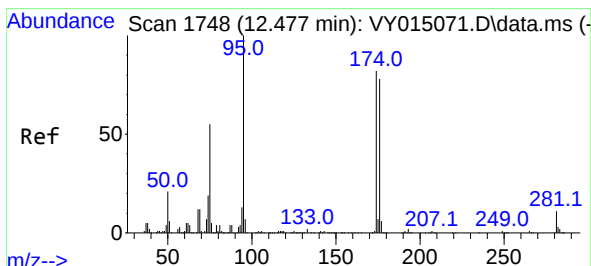
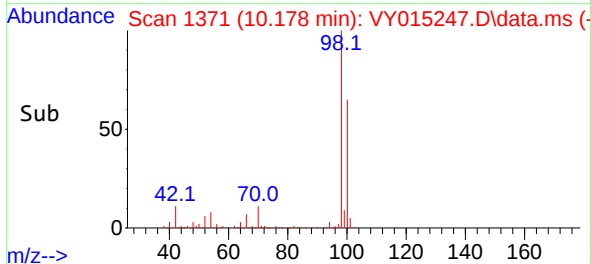
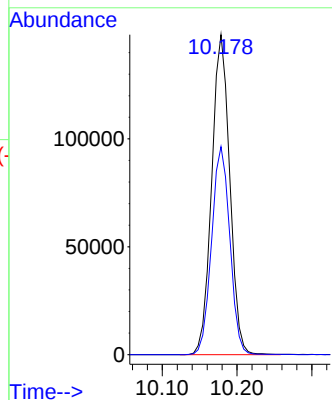
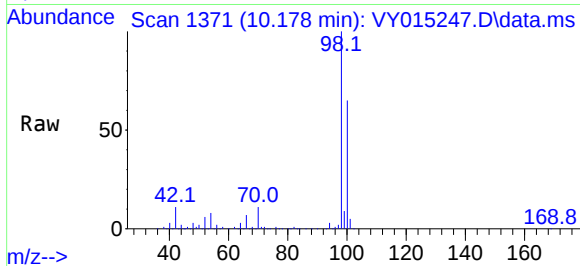




#50
Toluene-d8
Concen: 48.739 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015247.D
Acq: 22 Aug 2023 16:15

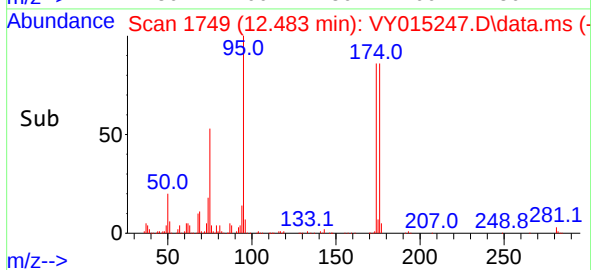
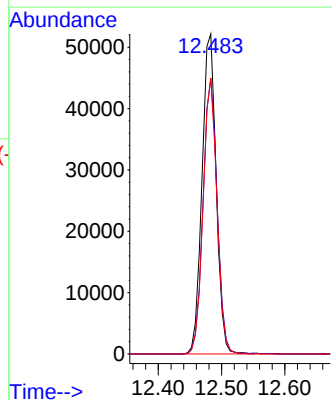
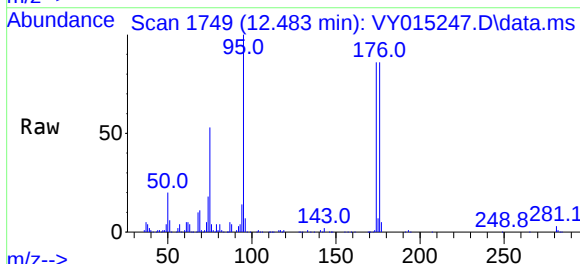
Instrument :
MSVOA_Y
ClientSampleId :
362

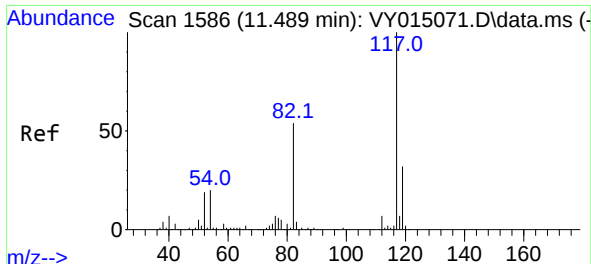
Tgt Ion: 98 Resp: 248553
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.670 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015247.D
Acq: 22 Aug 2023 16:15

Tgt Ion: 95 Resp: 81343
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 84.4 0.0 173.8

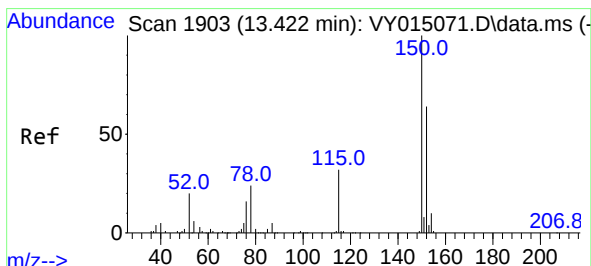
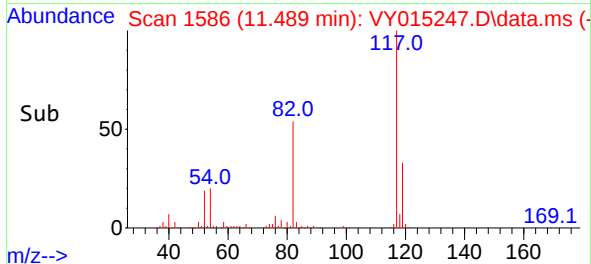
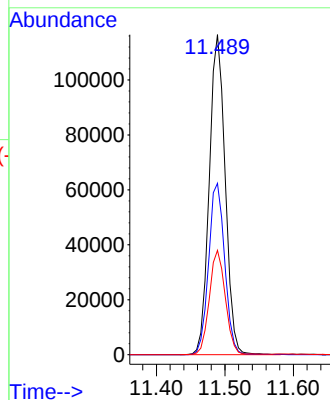
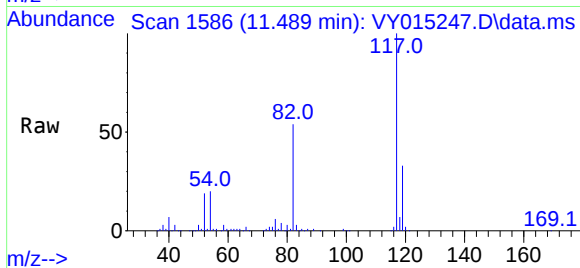




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY015247.D
Acq: 22 Aug 2023 16:15

Instrument :
MSVOA_Y
ClientSampleId :
362

Tgt Ion:	117	Resp:	188595
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.4	65.0
119	32.6	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: VY015247.D
Acq: 22 Aug 2023 16:15

Tgt Ion:	152	Resp:	90961
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.8	86.5
150	157.8	0.0	348.8

