

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012398.D
 Acq On : 30 Jan 2023 15:24
 Operator : KP/MD
 Sample : 01358-04
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DR-2-012723

Quant Time: Jan 31 01:48:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	47694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	69059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	53627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18561	46.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.380%
35) Dibromofluoromethane	7.716	113	17770	48.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.179	98	78497	63.091	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	126.180%
62) 4-Bromofluorobenzene	12.483	95	18073	35.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.120%

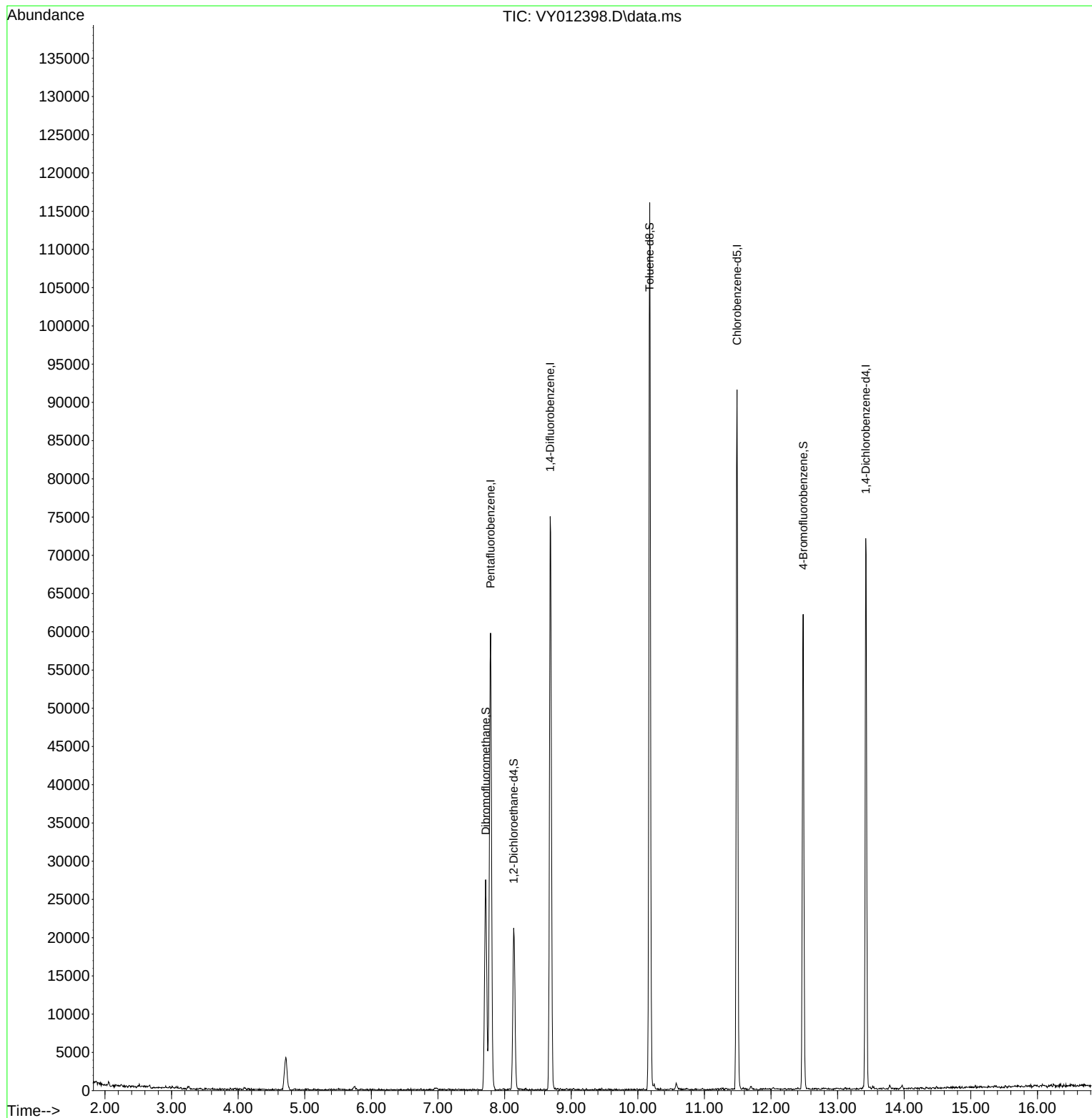
Target Compounds	Qvalue

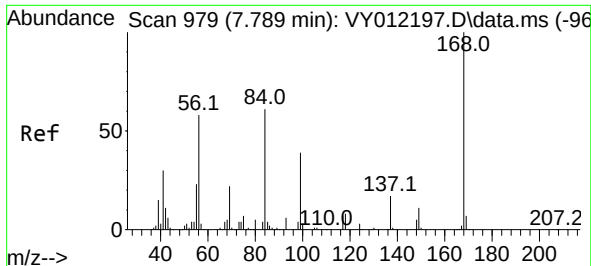
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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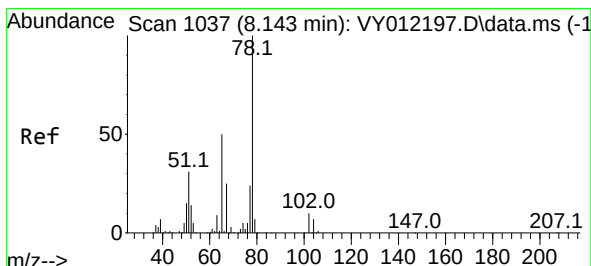
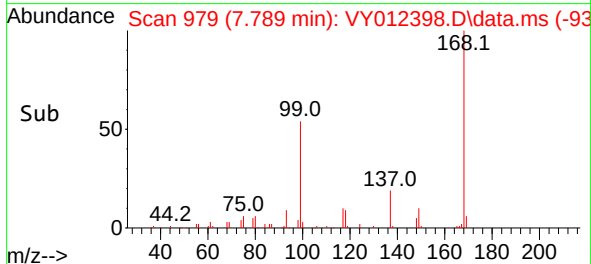
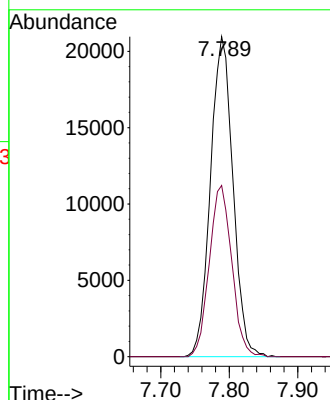
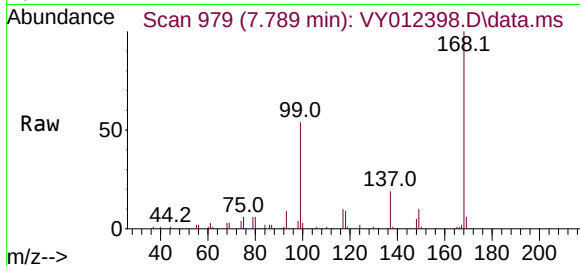




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

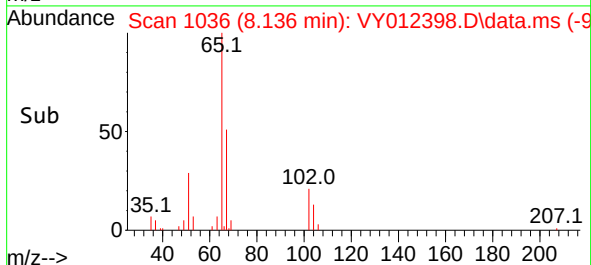
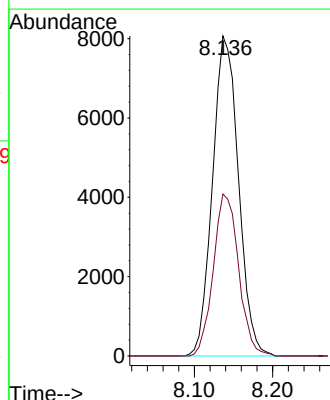
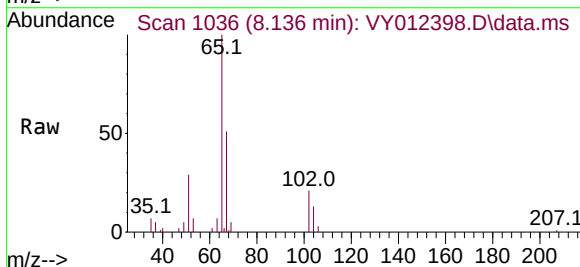
Instrument :
MSVOA_Y
ClientSampleId :
DR-2-012723

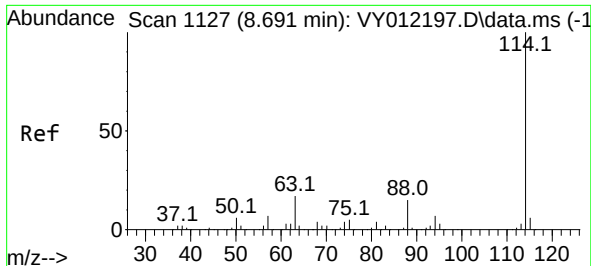
Tgt Ion:168 Resp: 47694
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 46.690 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

Tgt Ion: 65 Resp: 18561
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012398.D

Acq: 30 Jan 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

DR-2-012723

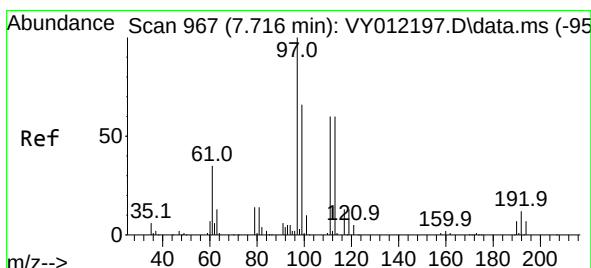
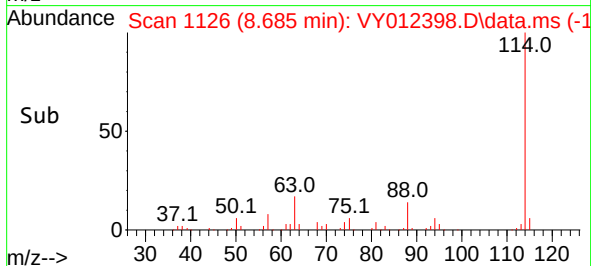
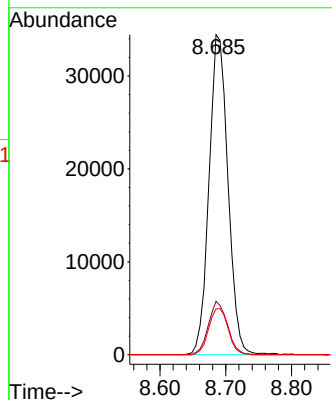
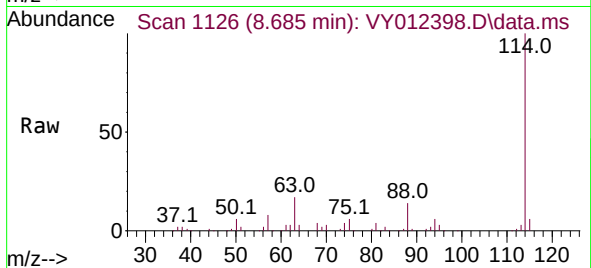
Tgt Ion:114 Resp: 69059

Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 14.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.596 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012398.D

Acq: 30 Jan 2023 15:24

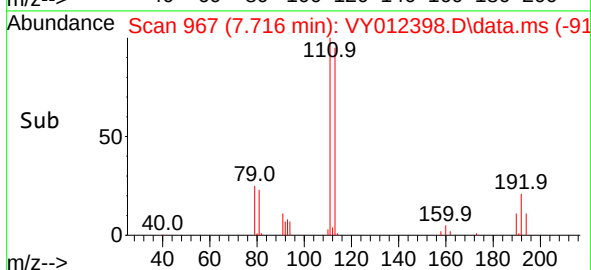
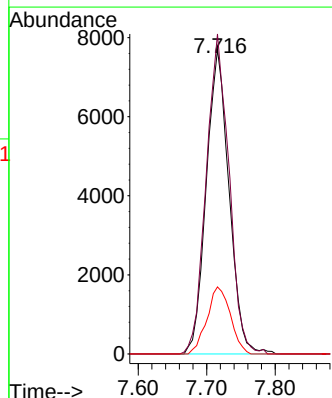
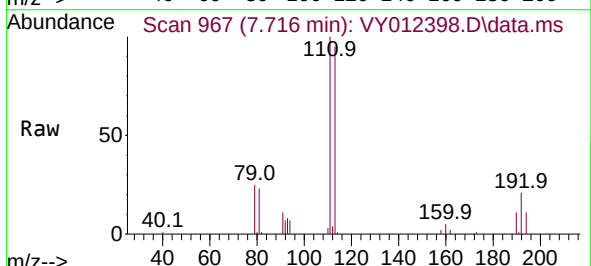
Tgt Ion:113 Resp: 17770

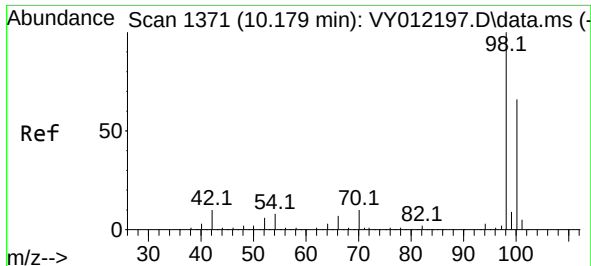
Ion Ratio Lower Upper

113 100

111 105.6 83.0 124.4

192 22.6 16.0 24.0

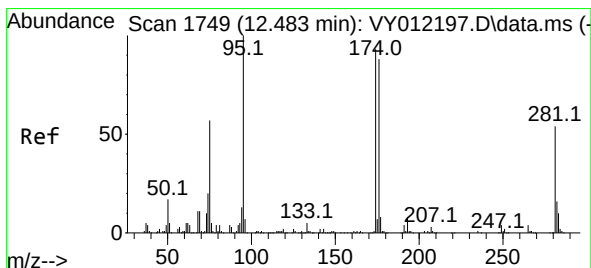
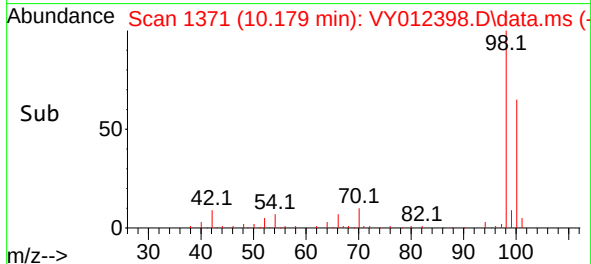
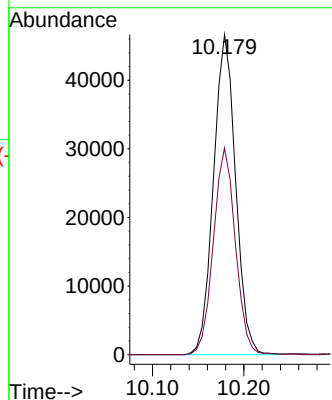
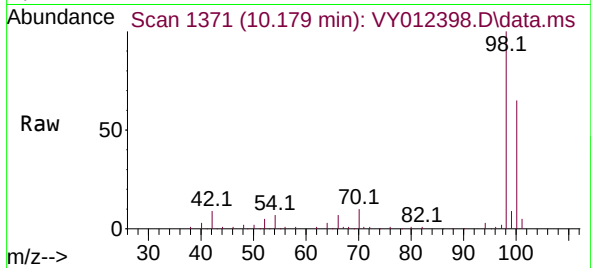




#50
Toluene-d8
Concen: 63.091 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

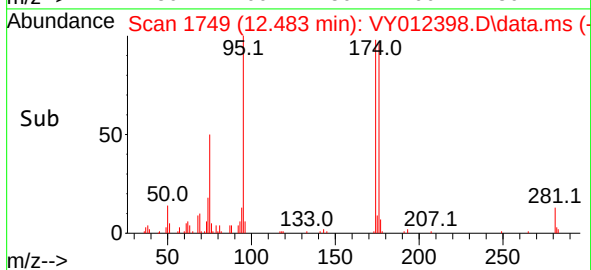
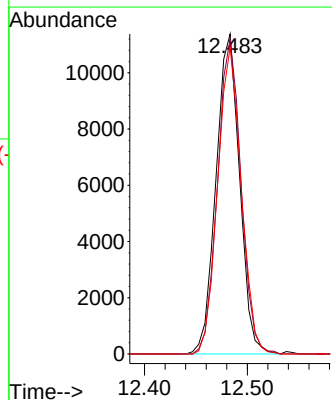
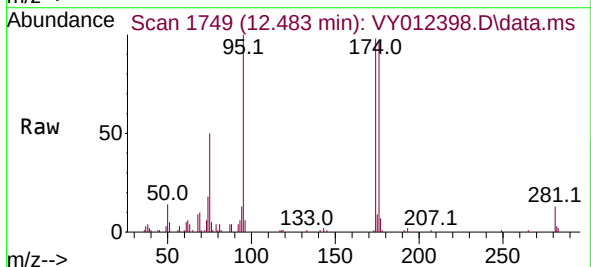
Instrument :
MSVOA_Y
ClientSampleId :
DR-2-012723

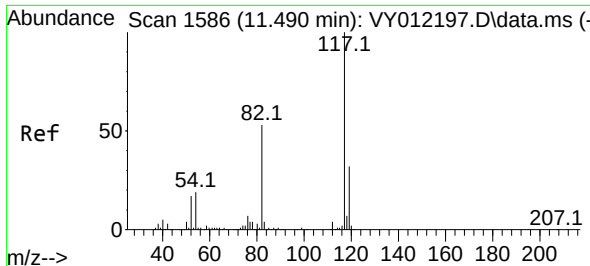
Tgt Ion: 98 Resp: 78497
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 35.061 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

Tgt Ion: 95 Resp: 18073
Ion Ratio Lower Upper
95 100
174 98.0 0.0 172.0
176 95.6 0.0 167.6

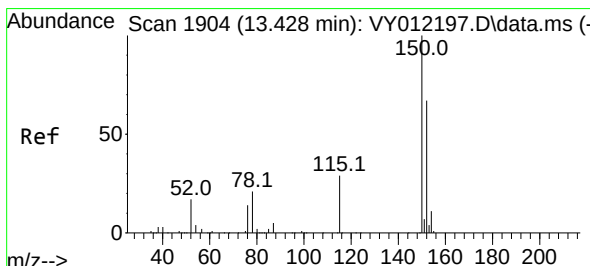
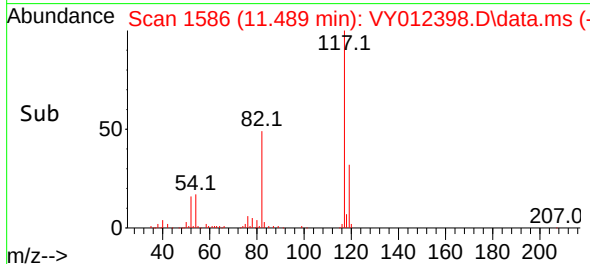
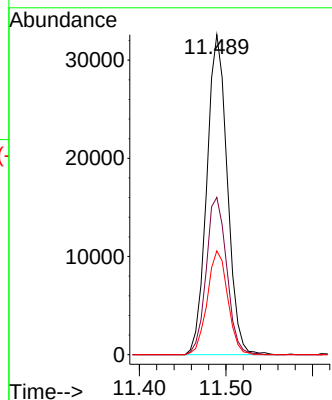
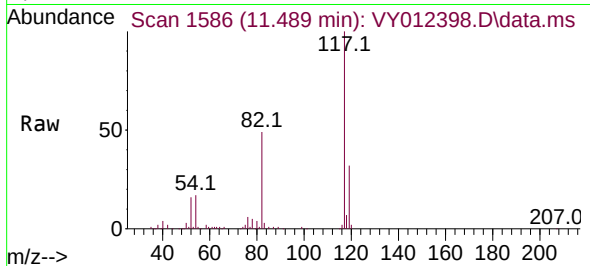




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
DR-2-012723

Tgt Ion:117	Resp:	53627
Ion Ratio	Lower	Upper
117	100	
82	49.1	44.8 67.2
119	32.4	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

Tgt Ion:152	Resp:	20473
Ion Ratio	Lower	Upper
152	100	
115	54.8	29.1 87.3
150	158.8	0.0 342.6

