

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012348.D
 Acq On : 24 Jan 2023 17:36
 Operator : KP/MD
 Sample : 01271-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-3-012423

Quant Time: Jan 25 01:33:07 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	49898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	79616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34454	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31189	77.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.160%
35) Dibromofluoromethane	7.716	113	25486	57.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.240%
50) Toluene-d8	10.179	98	99245	66.154	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	132.300%
62) 4-Bromofluorobenzene	12.483	95	29803	47.794	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.580%

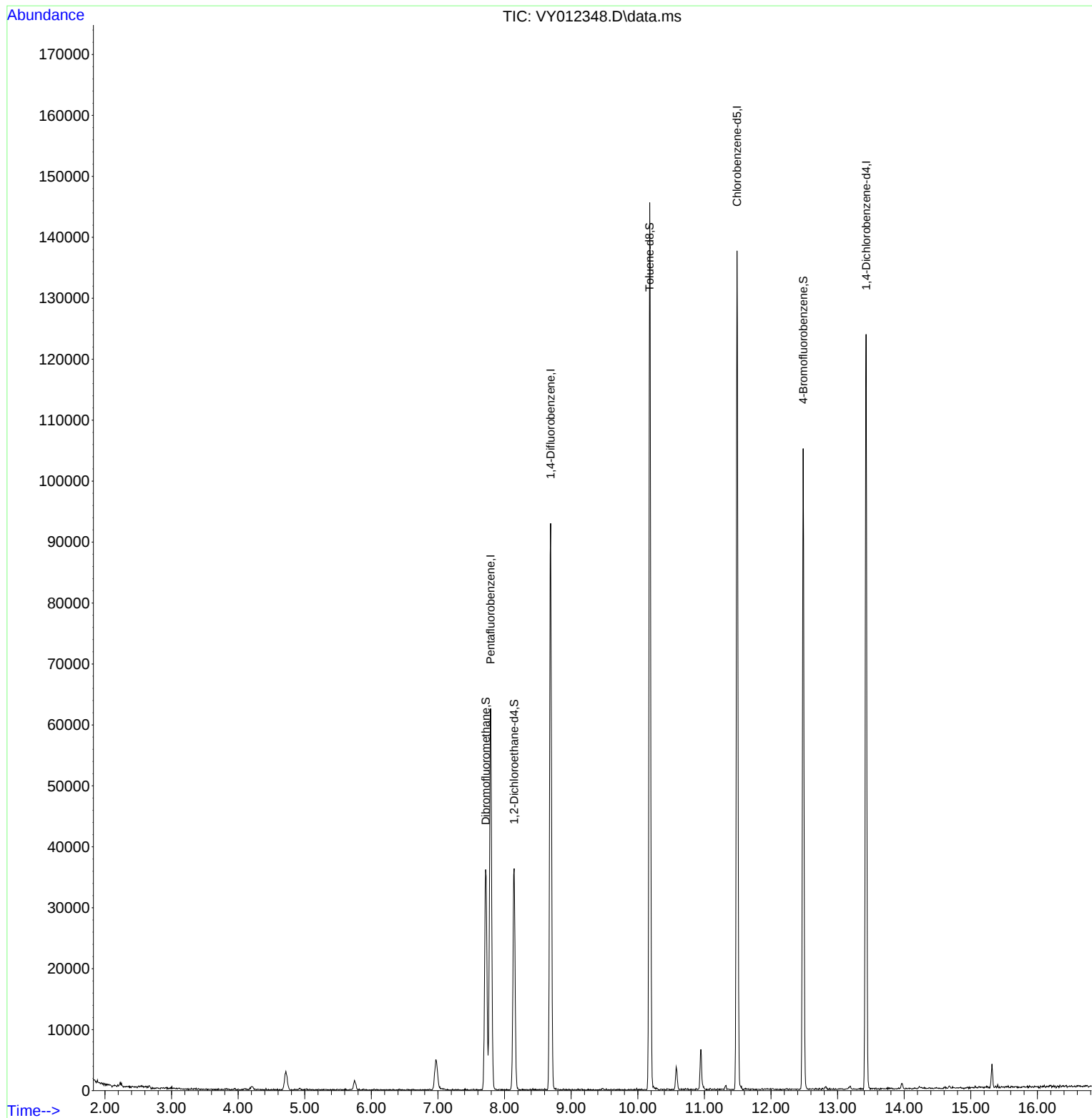
Target Compounds	Qvalue

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

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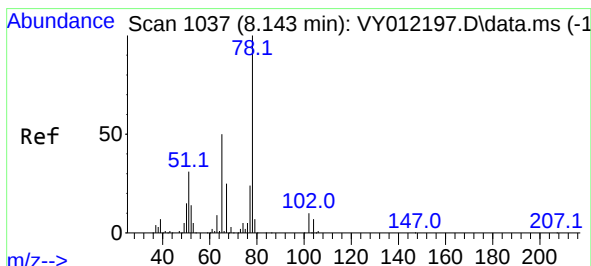
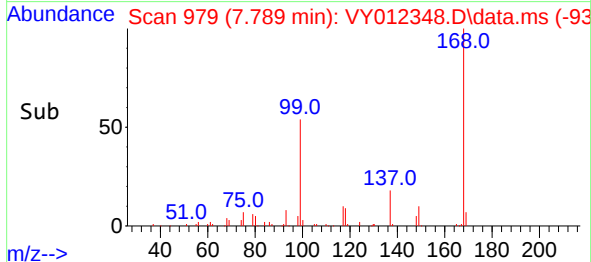
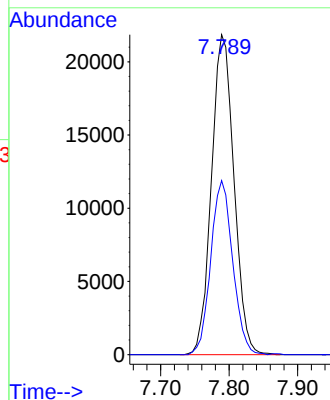
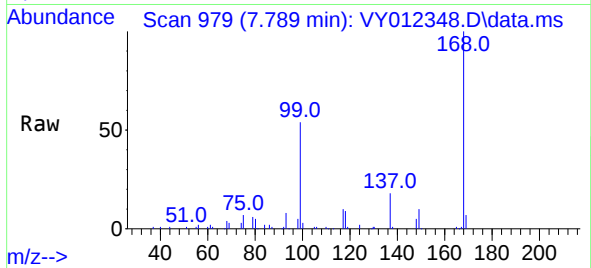




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012348.D
Acq: 24 Jan 2023 17:36

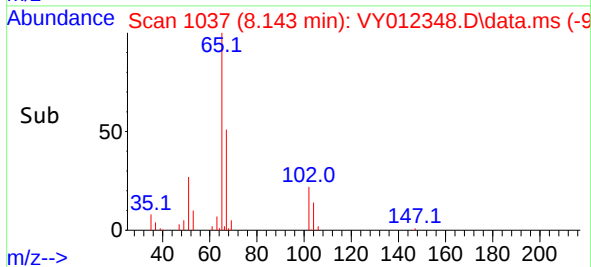
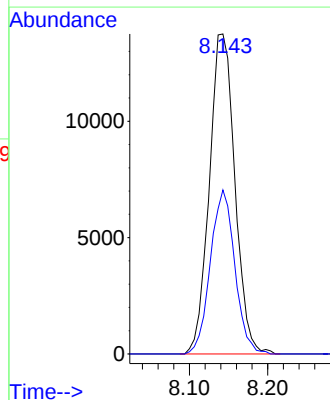
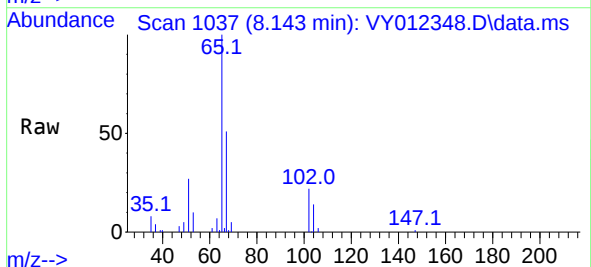
Instrument :
MSVOA_Y
ClientSampleId :
SU-3-012423

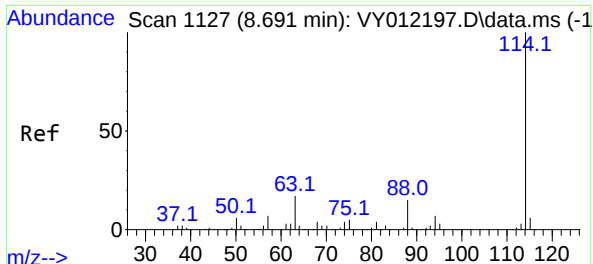
Tgt Ion:168 Resp: 49898
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 77.578 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012348.D
Acq: 24 Jan 2023 17:36

Tgt Ion: 65 Resp: 31189
Ion Ratio Lower Upper
65 100
67 49.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012348.D

Acq: 24 Jan 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

SU-3-012423

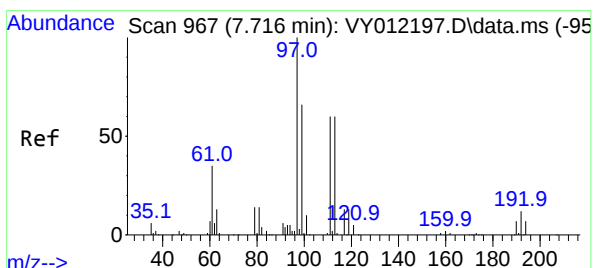
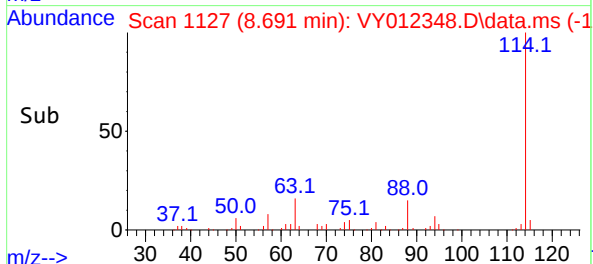
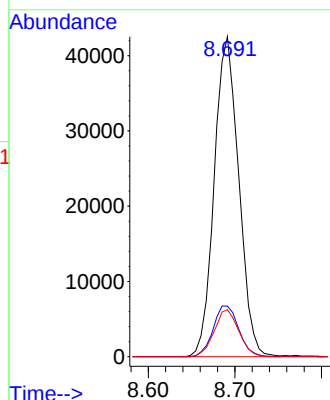
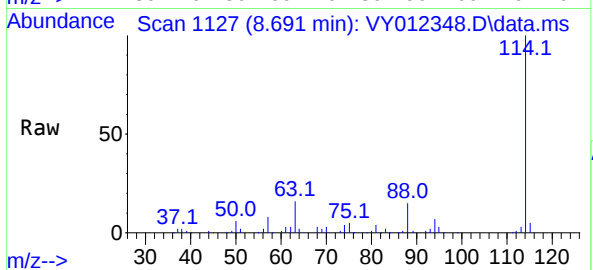
Tgt Ion:114 Resp: 83540

Ion Ratio Lower Upper

114 100

63 15.8 0.0 39.6

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 57.616 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012348.D

Acq: 24 Jan 2023 17:36

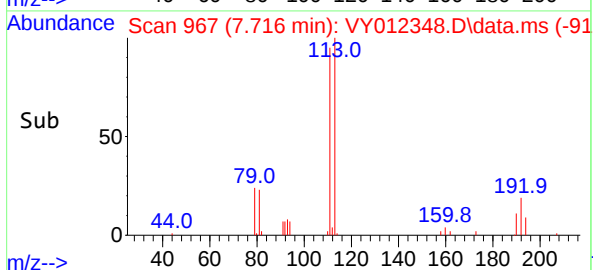
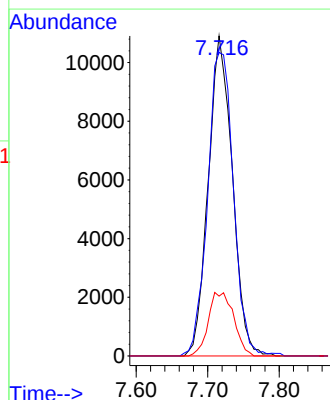
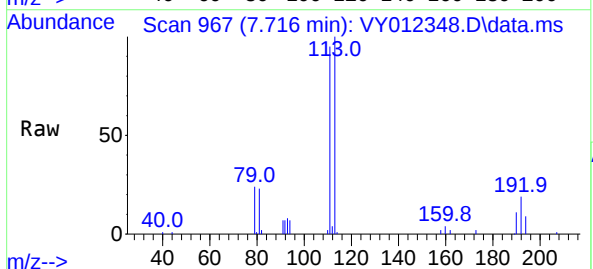
Tgt Ion:113 Resp: 25486

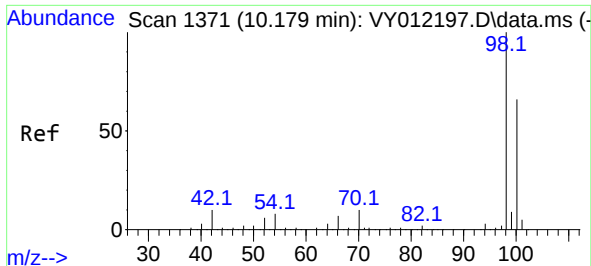
Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

192 21.0 16.0 24.0

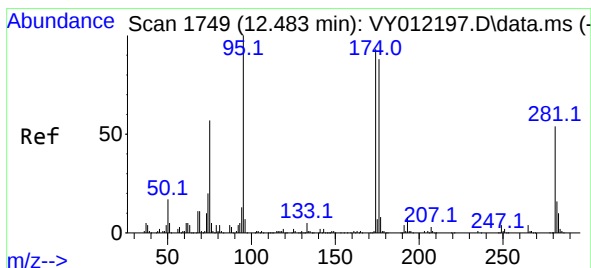
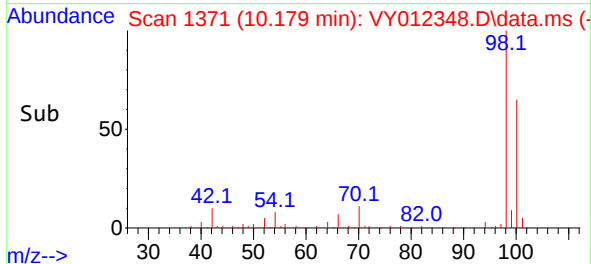
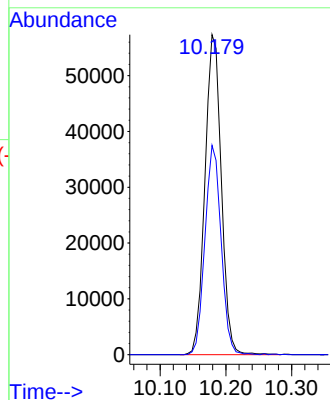
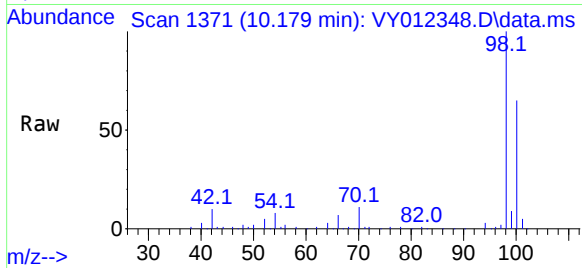




#50
Toluene-d8
Concen: 66.154 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012348.D
Acq: 24 Jan 2023 17:36

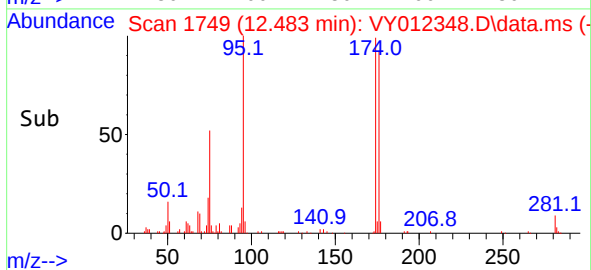
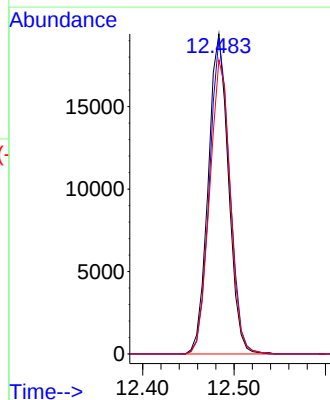
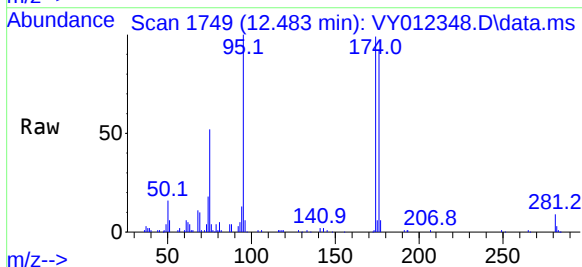
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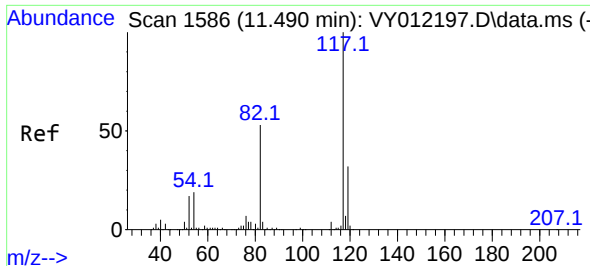
Tgt Ion: 98 Resp: 99245
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.794 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012348.D
Acq: 24 Jan 2023 17:36

Tgt Ion: 95 Resp: 29803
Ion Ratio Lower Upper
95 100
174 98.6 0.0 172.0
176 93.8 0.0 167.6

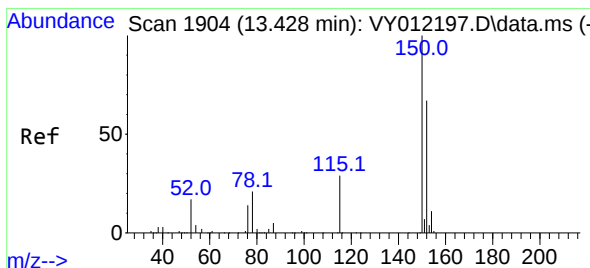
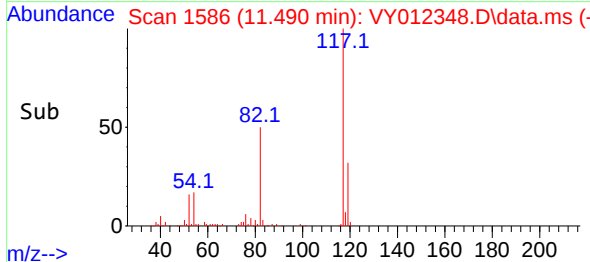
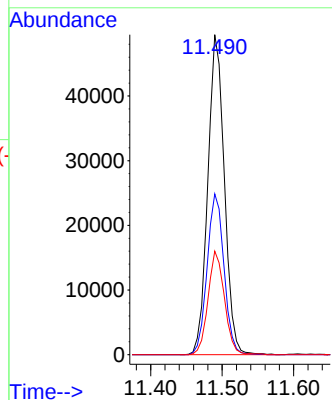
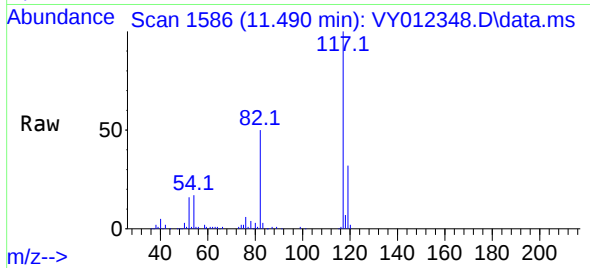




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012348.D
Acq: 24 Jan 2023 17:36

Instrument :
MSVOA_Y
ClientSampleId :
SU-3-012423

Tgt Ion:	117	Resp:	79616
Ion	Ratio	Lower	Upper
117	100		
82	50.2	44.8	67.2
119	32.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012348.D
Acq: 24 Jan 2023 17:36

Tgt Ion:	152	Resp:	34454
Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.1	87.3
150	157.9	0.0	342.6

