

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012140.D
 Acq On : 10 Jan 2023 14:33
 Operator : KP/MD
 Sample : 01089-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-2-010923

Quant Time: Jan 11 03:09:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	2036	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	3425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3205	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1418	61.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.960%
35) Dibromofluoromethane	7.710	113	340	15.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	30.200%#
50) Toluene-d8	10.179	98	4118	46.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.700%
62) 4-Bromofluorobenzene	12.483	95	935	30.104	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.200%

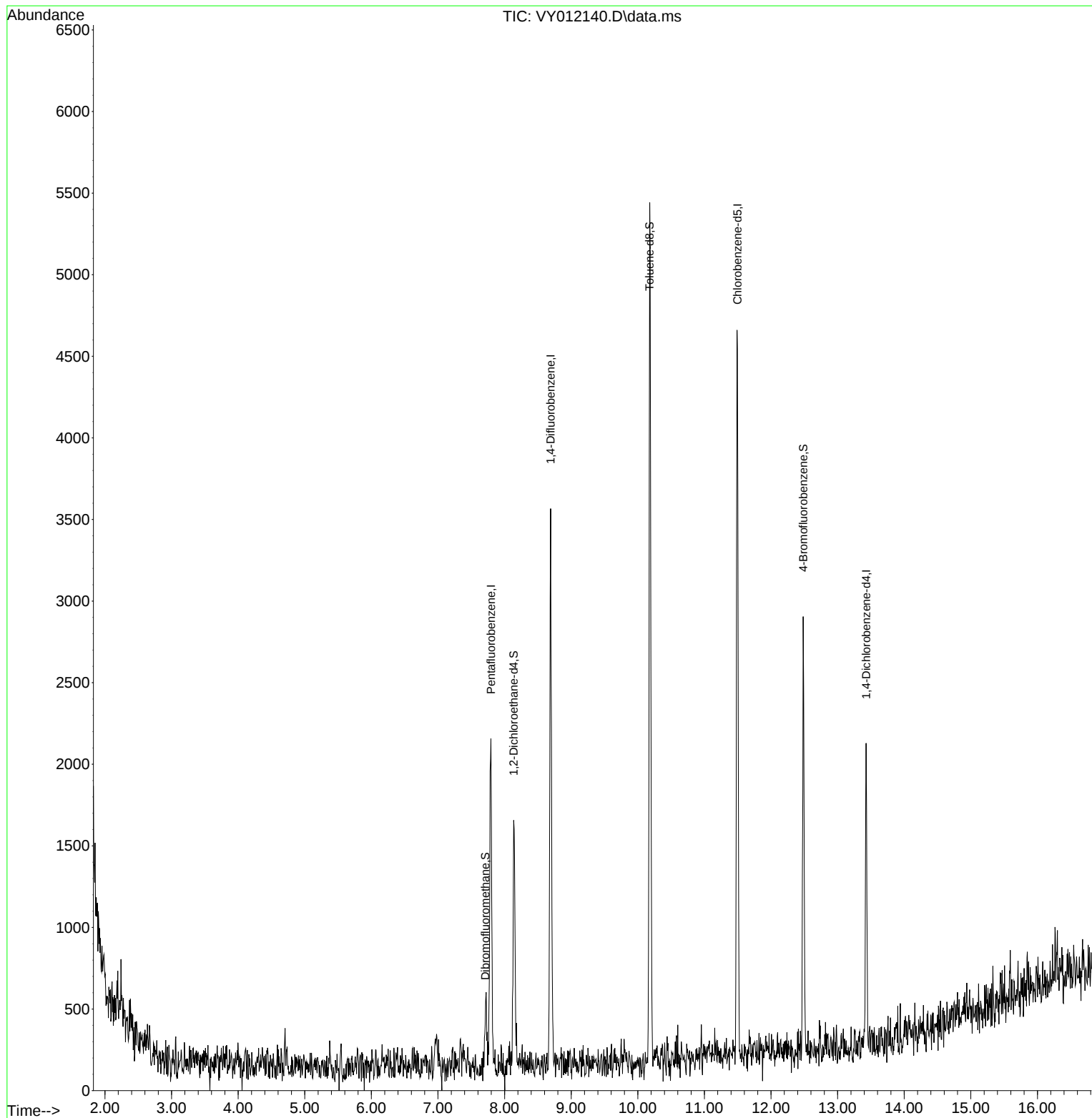
Target Compounds	Qvalue

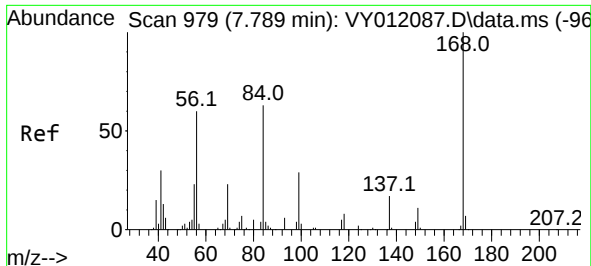
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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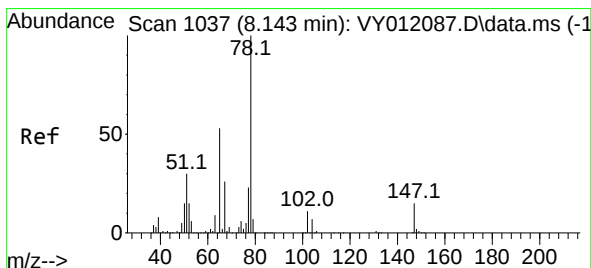
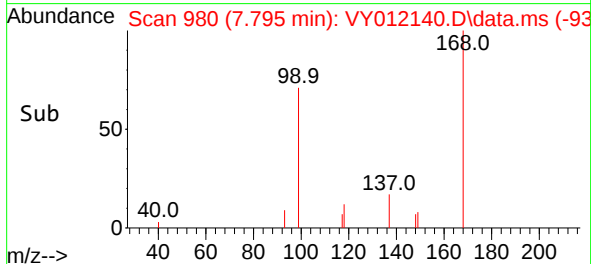
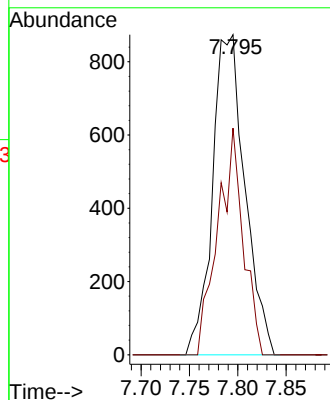
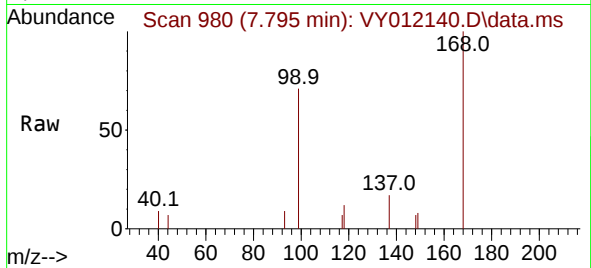




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

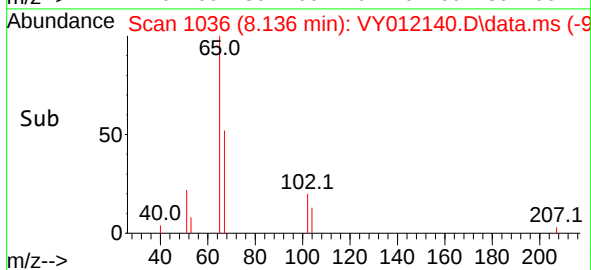
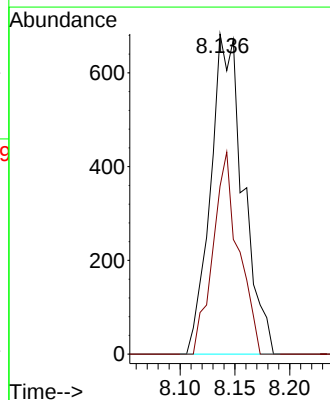
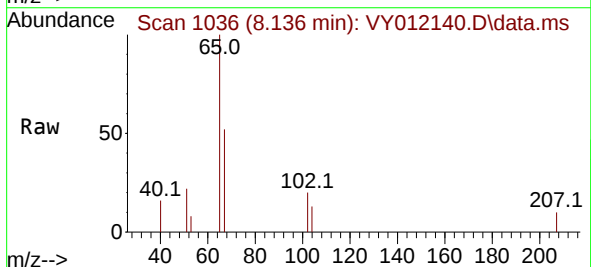
Instrument :
MSVOA_Y
ClientSampleId :
PL-2-010923

Tgt Ion:168 Resp: 2036
Ion Ratio Lower Upper
168 100
99 70.8 44.0 66.0#



#33
1,2-Dichloroethane-d4
Concen: 61.982 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

Tgt Ion: 65 Resp: 1418
Ion Ratio Lower Upper
65 100
67 49.4 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: VY012140.D

Acq: 10 Jan 2023 14:33

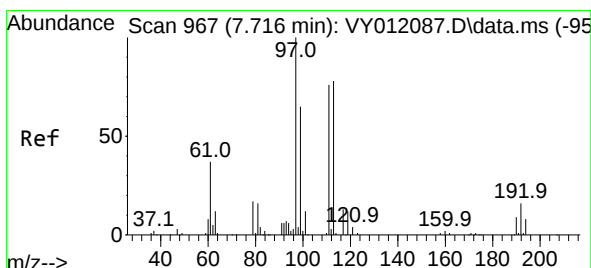
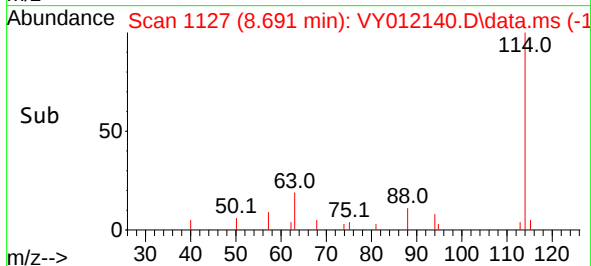
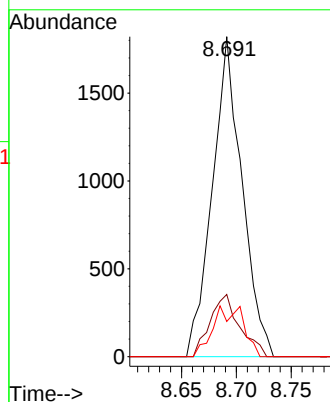
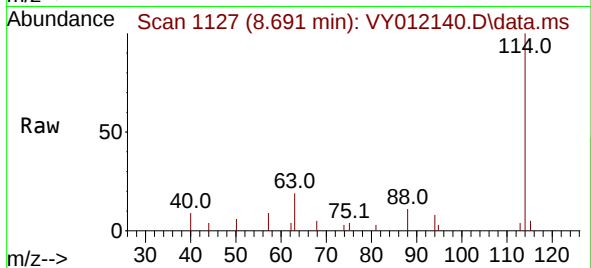
Instrument :

MSVOA_Y

ClientSampleId :

PL-2-010923

Tgt Ion:114	Resp:	3425
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 39.6
88	11.0	0.0 32.2



#35

Dibromofluoromethane

Concen: 15.103 ug/l

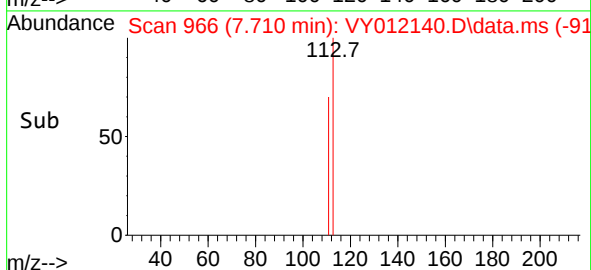
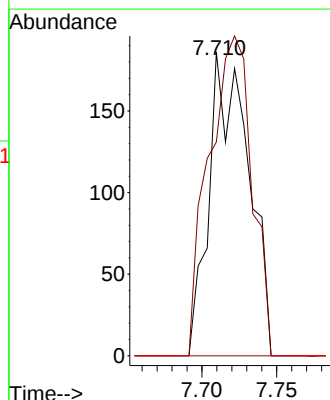
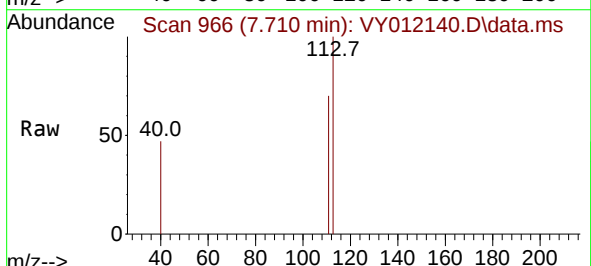
RT: 7.710 min Scan# 966

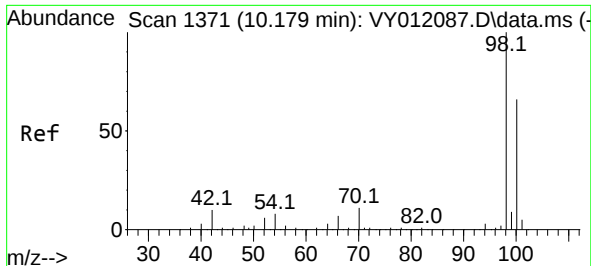
Delta R.T. -0.006 min

Lab File: VY012140.D

Acq: 10 Jan 2023 14:33

Tgt Ion:113	Resp:	340
Ion Ratio	Lower	Upper
113	100	
111	115.0	83.0 124.4
192	0.0	16.0 24.0#

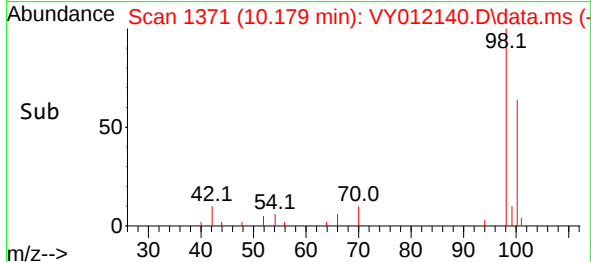
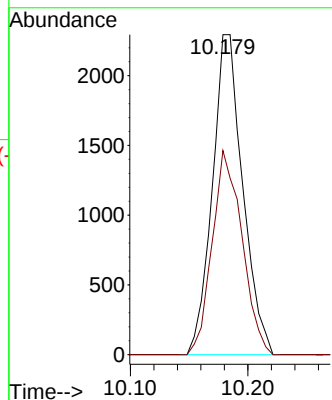
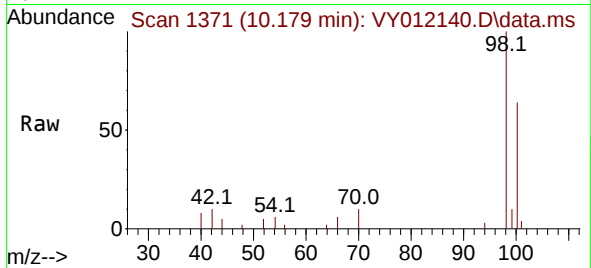




#50
Toluene-d8
Concen: 46.345 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

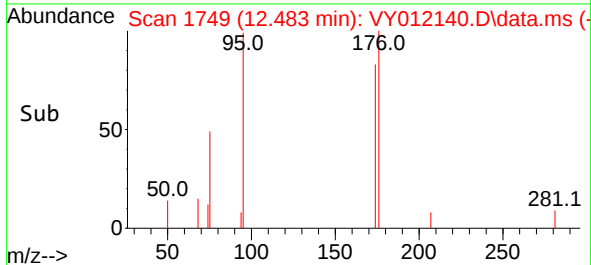
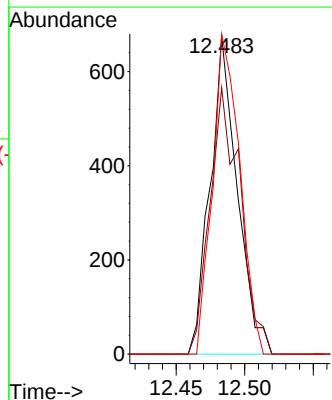
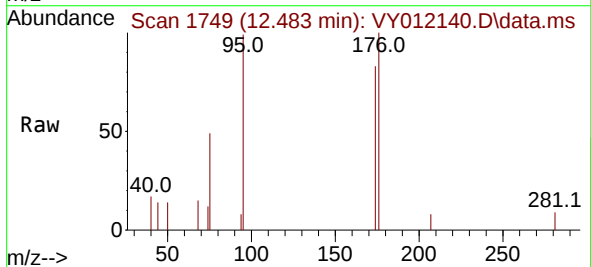
Instrument :
MSVOA_Y
ClientSampleId :
PL-2-010923

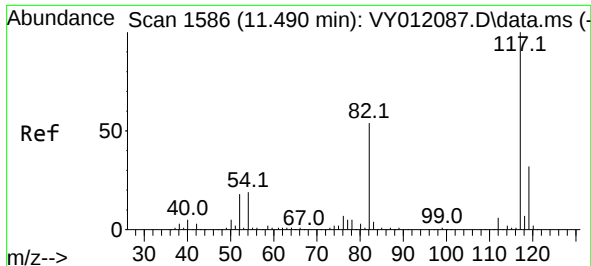
Tgt Ion: 98 Resp: 4118
Ion Ratio Lower Upper
98 100
100 62.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 30.104 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

Tgt Ion: 95 Resp: 935
Ion Ratio Lower Upper
95 100
174 93.4 0.0 172.0
176 100.5 0.0 167.6

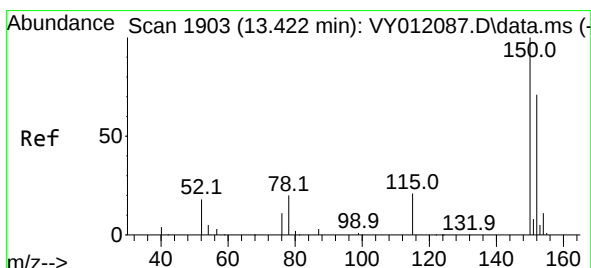
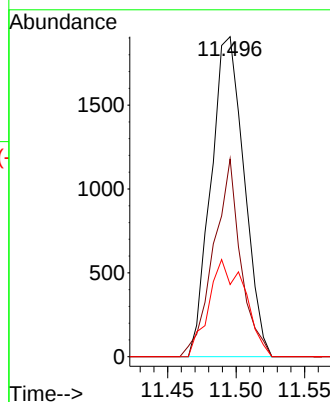
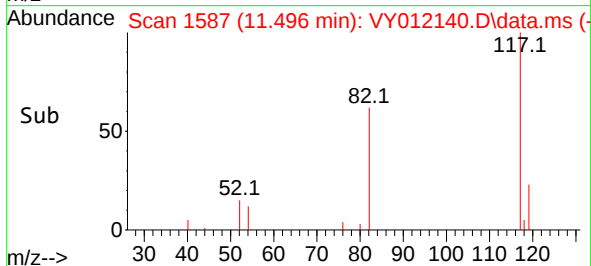
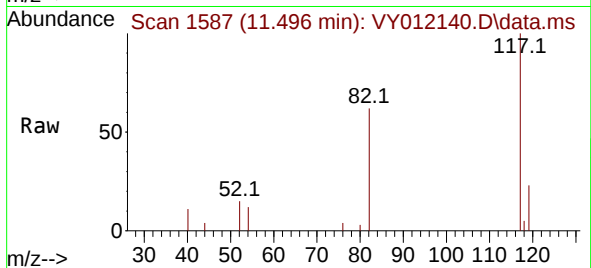




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012140.D
Acq: 10 Jan 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
PL-2-010923

Tgt Ion:117 Resp: 3205
Ion Ratio Lower Upper
117 100
82 61.8 44.8 67.2
119 22.5 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: VY012140.D
Acq: 10 Jan 2023 14:33

Tgt Ion:152 Resp: 694
Ion Ratio Lower Upper
152 100
115 43.8 29.1 87.3
150 161.1 0.0 342.6

