

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014831.D
 Acq On : 26 Jul 2023 03:32
 Operator : SY/MD
 Sample : 03741-12
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P6A

Quant Time: Jul 26 04:26:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	2592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	5007	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	5753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2016	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2897	98.081	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	196.160%#
35) Dibromofluoromethane	7.734	113	1148	36.018	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.040%
50) Toluene-d8	10.191	98	6420	54.634	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.260%
62) 4-Bromofluorobenzene	12.489	95	2216	49.181	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.360%

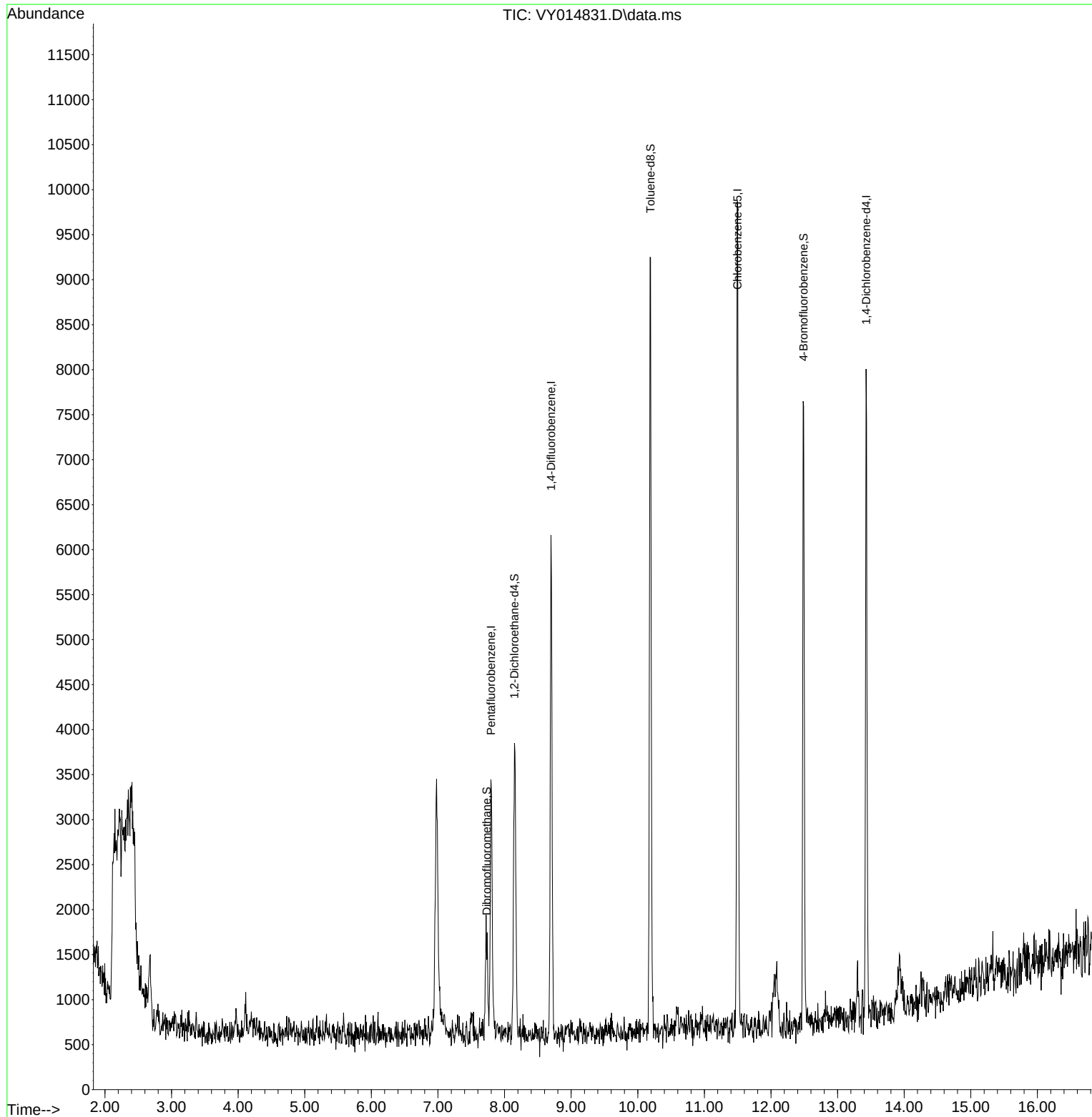
Target Compounds	Qvalue

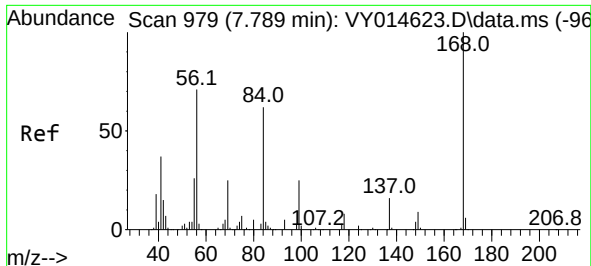
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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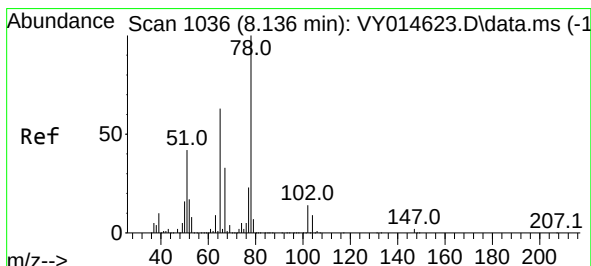
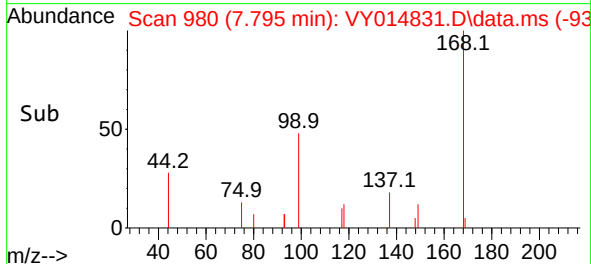
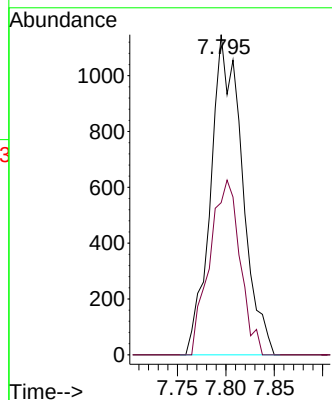
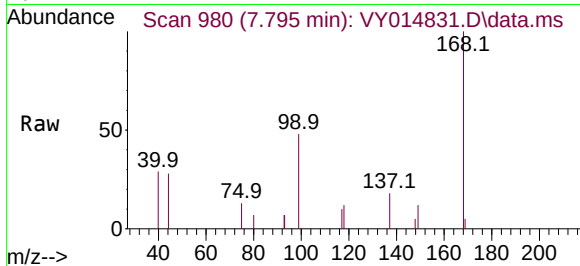




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014831.D
Acq: 26 Jul 2023 03:32

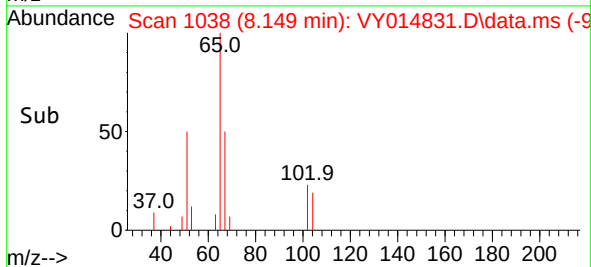
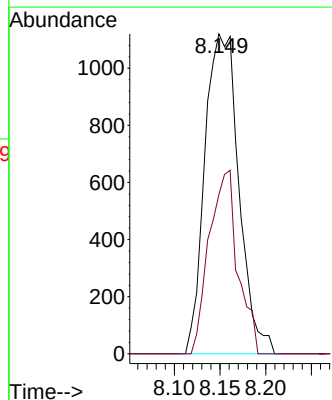
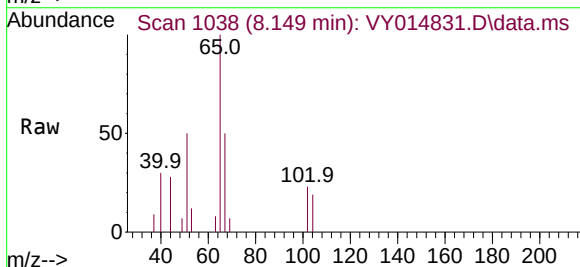
Instrument :
MSVOA_Y
ClientSampleId :
B-P6A

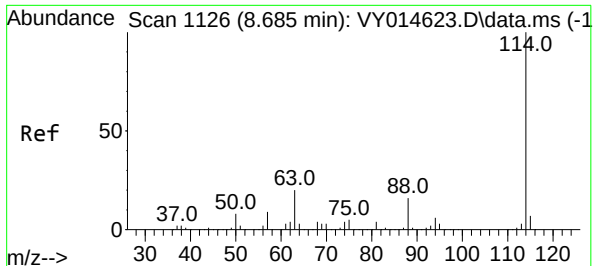
Tgt Ion:168 Resp: 2592
Ion Ratio Lower Upper
168 100
99 47.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 98.081 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY014831.D
Acq: 26 Jul 2023 03:32

Tgt Ion: 65 Resp: 2897
Ion Ratio Lower Upper
65 100
67 48.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY014831.D

Acq: 26 Jul 2023 03:32

Instrument :

MSVOA_Y

ClientSampleId :

B-P6A

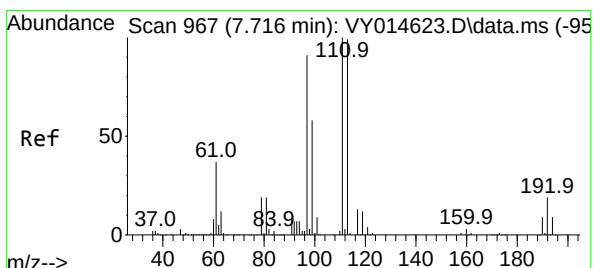
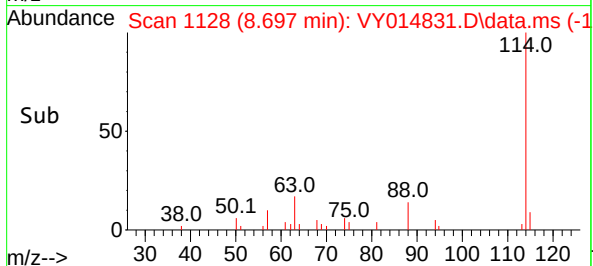
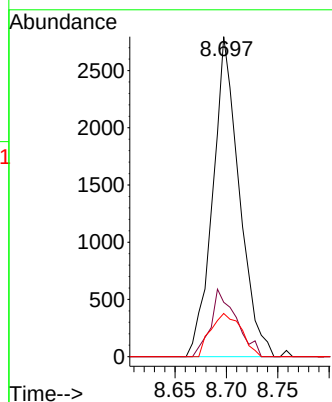
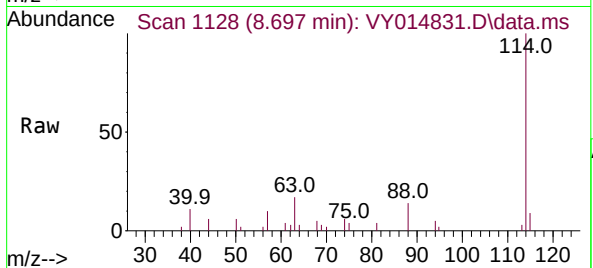
Tgt Ion:114 Resp: 5007

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 36.018 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY014831.D

Acq: 26 Jul 2023 03:32

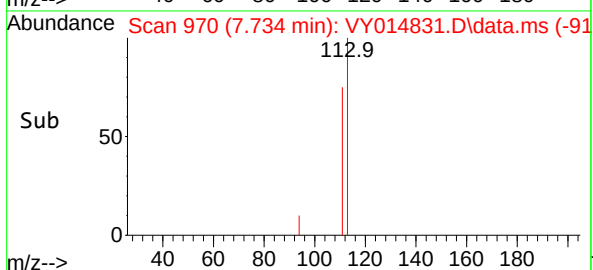
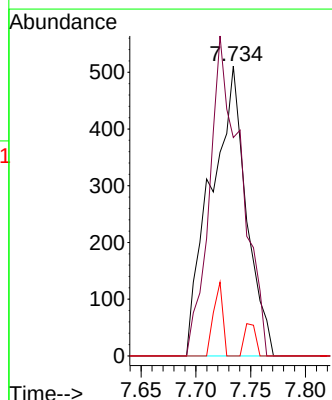
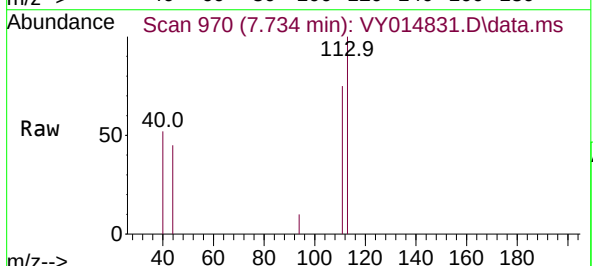
Tgt Ion:113 Resp: 1148

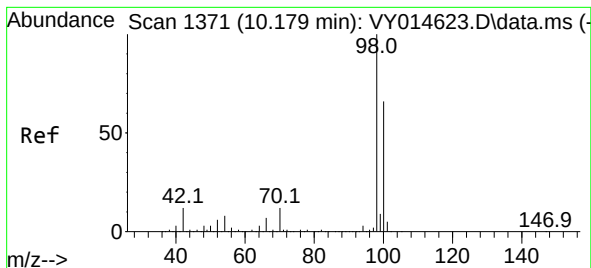
Ion Ratio Lower Upper

113 100

111 98.4 81.3 121.9

192 6.5 16.9 25.3#





#50

Toluene-d8

Concen: 54.634 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY014831.D

Acq: 26 Jul 2023 03:32

Instrument :

MSVOA_Y

ClientSampleId :

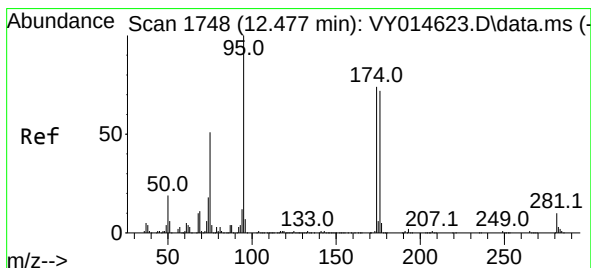
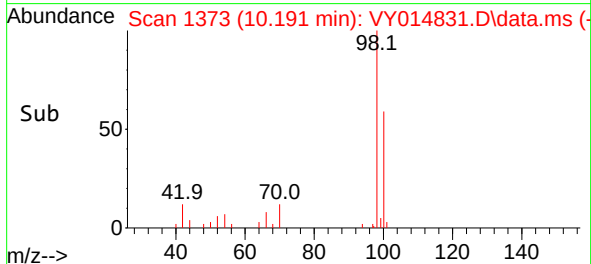
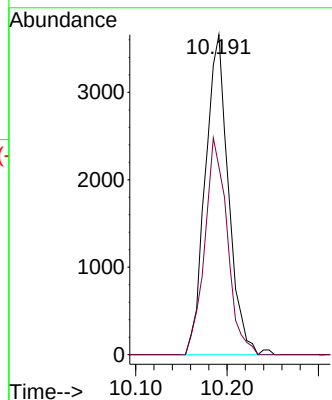
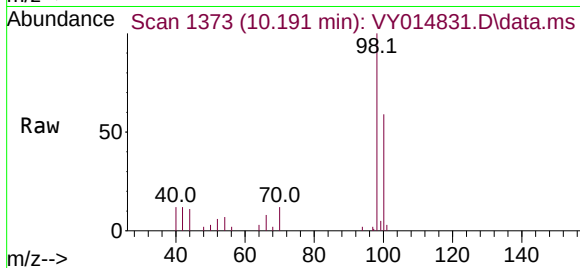
B-P6A

Tgt Ion: 98 Resp: 6420

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.181 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.012 min

Lab File: VY014831.D

Acq: 26 Jul 2023 03:32

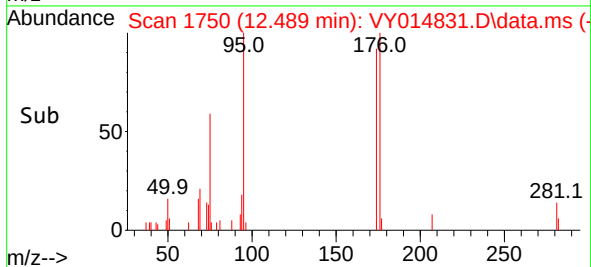
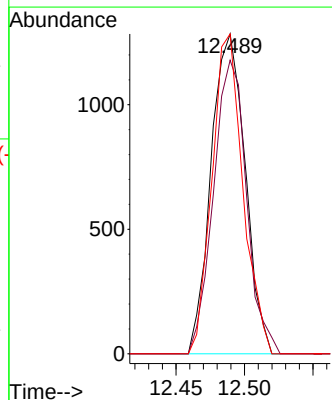
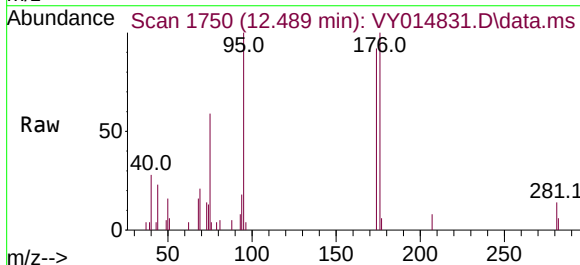
Tgt Ion: 95 Resp: 2216

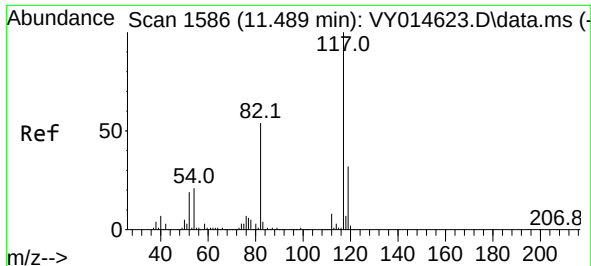
Ion Ratio Lower Upper

95 100

174 89.2 0.0 178.2

176 91.0 0.0 173.8

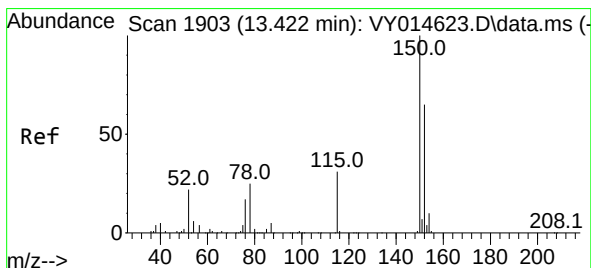
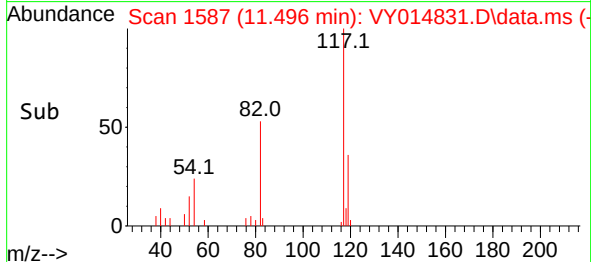
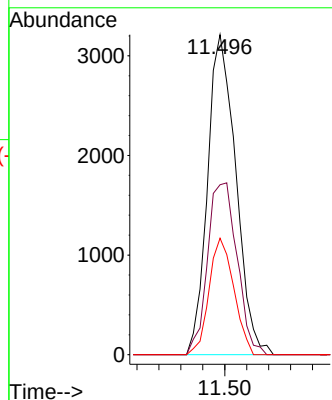
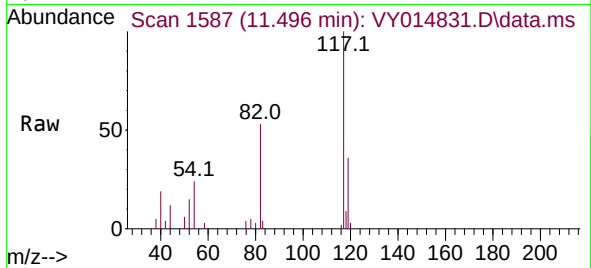




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY014831.D
Acq: 26 Jul 2023 03:32

Instrument :
MSVOA_Y
ClientSampleId :
B-P6A

Tgt Ion:117	Resp:	5753
Ion Ratio	Lower	Upper
117	100	
82	53.1	43.4 65.0
119	36.4	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014831.D
Acq: 26 Jul 2023 03:32

Tgt Ion:152	Resp:	2016
Ion Ratio	Lower	Upper
152	100	
115	61.9	28.8 86.5
150	162.7	0.0 348.8

