

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018825.D
 Acq On : 16 Jul 2024 11:26
 Operator : SY/MD
 Sample : VY0716SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBL01

Quant Time: Jul 17 01:51:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	176574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	312038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	282159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	91883	52.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.760%
35) Dibromofluoromethane	7.704	113	96638	49.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.900%
50) Toluene-d8	10.173	98	354839	47.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.477	95	116148	45.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.860%

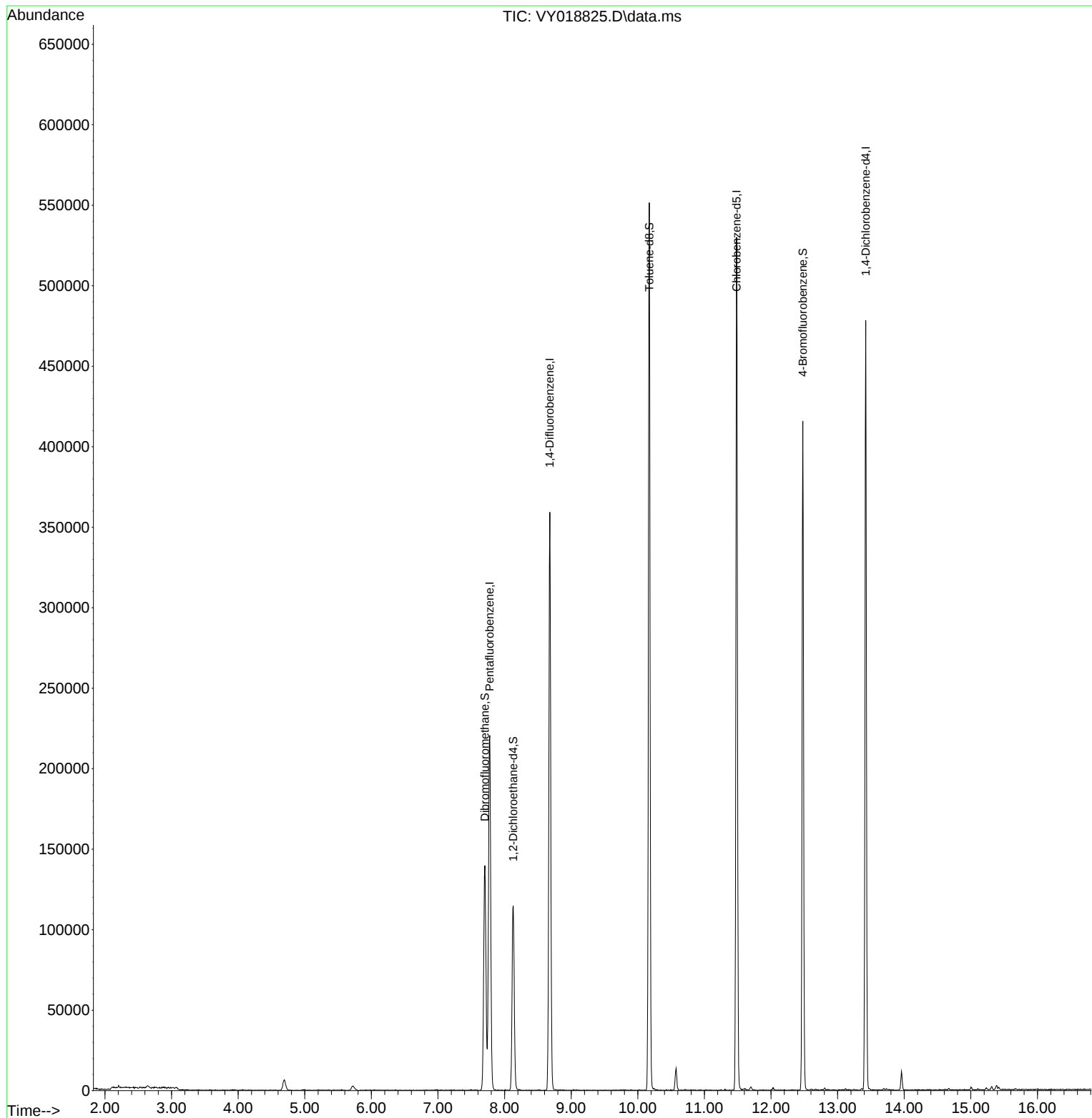
Target Compounds	Qvalue

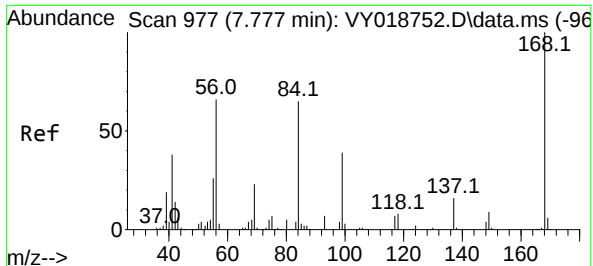
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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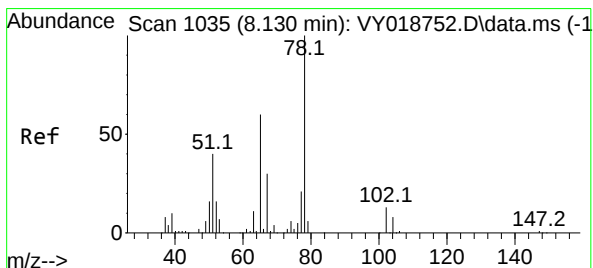
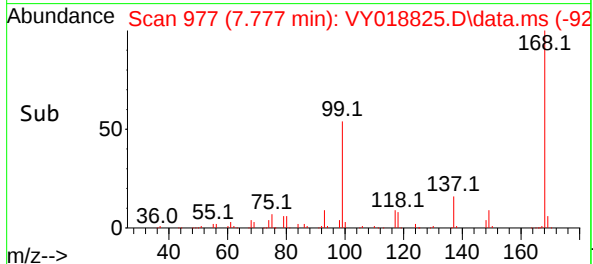
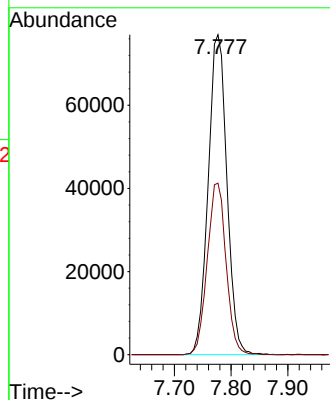
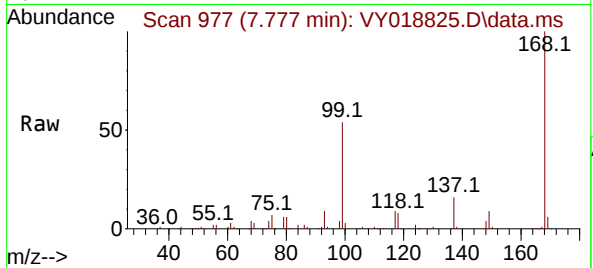




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018825.D
Acq: 16 Jul 2024 11:26

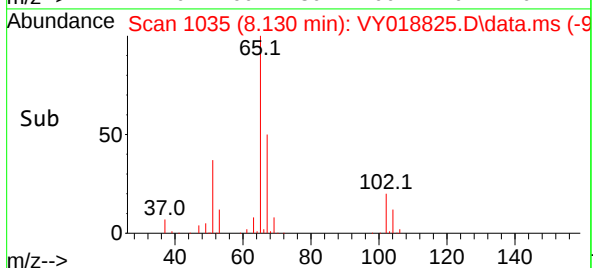
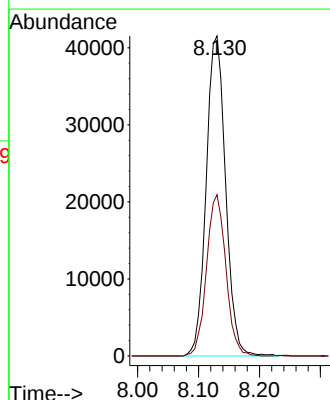
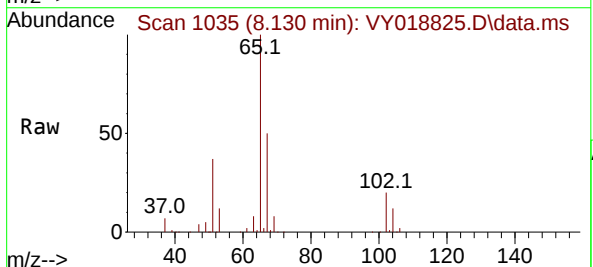
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBL01

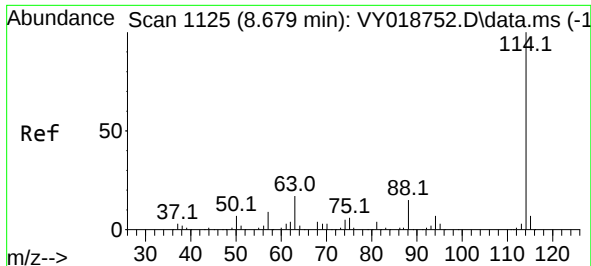
Tgt Ion:168 Resp: 176574
Ion Ratio Lower Upper
168 100
99 53.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.882 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018825.D
Acq: 16 Jul 2024 11:26

Tgt Ion: 65 Resp: 91883
Ion Ratio Lower Upper
65 100
67 50.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018825.D

Acq: 16 Jul 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBL01

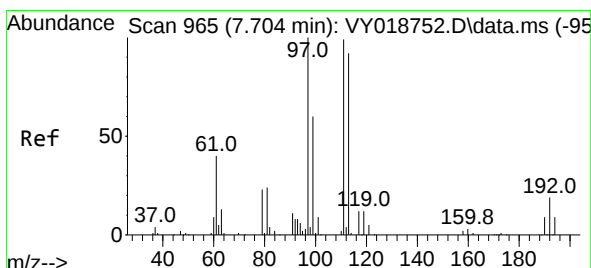
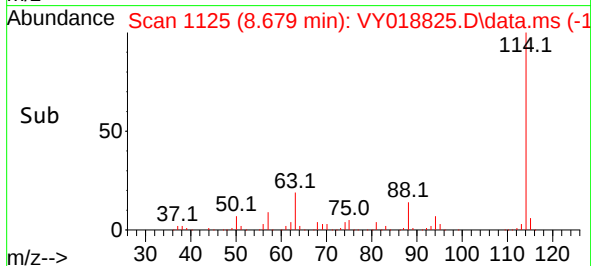
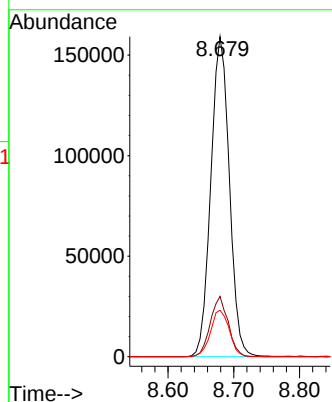
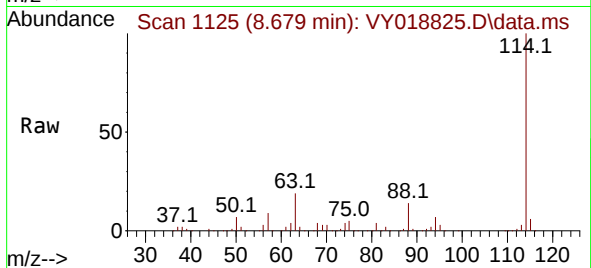
Tgt Ion:114 Resp: 312038

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.447 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018825.D

Acq: 16 Jul 2024 11:26

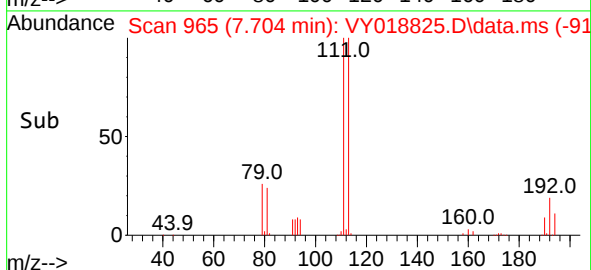
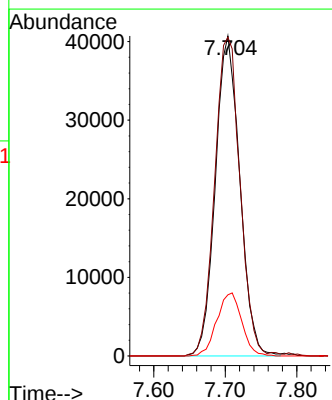
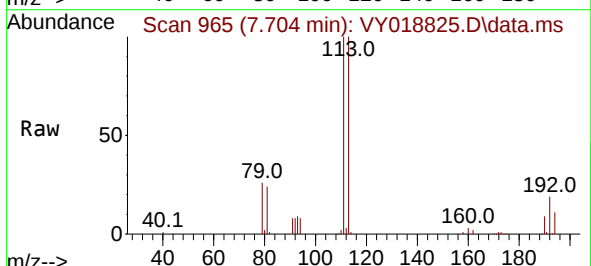
Tgt Ion:113 Resp: 96638

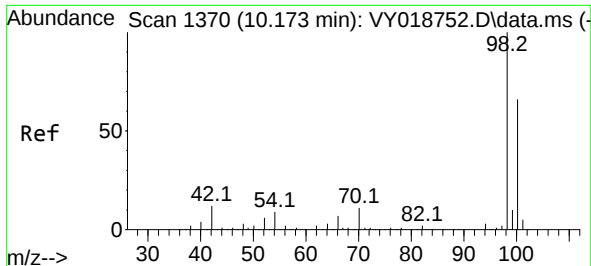
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 20.1 15.9 23.9

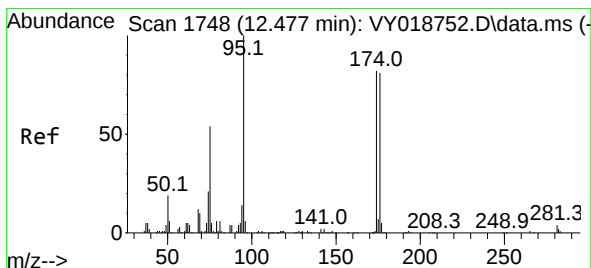
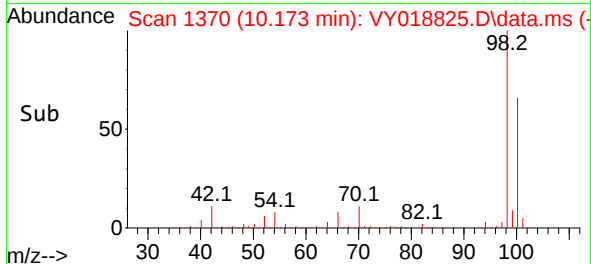
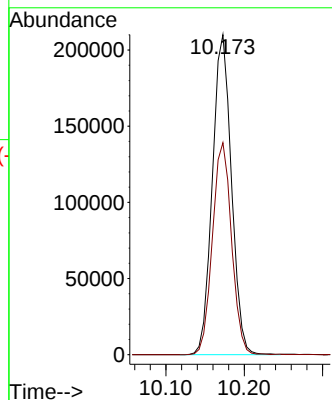
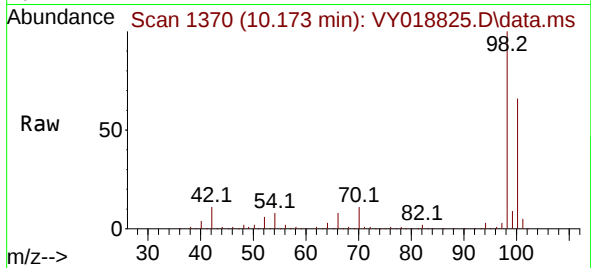




#50
Toluene-d8
Concen: 47.924 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018825.D
Acq: 16 Jul 2024 11:26

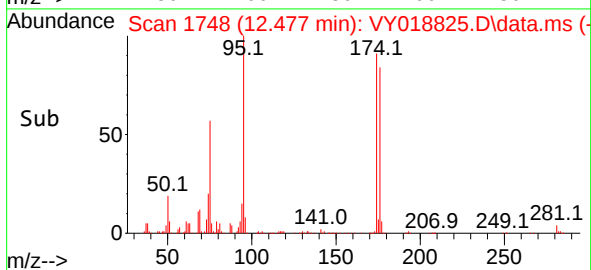
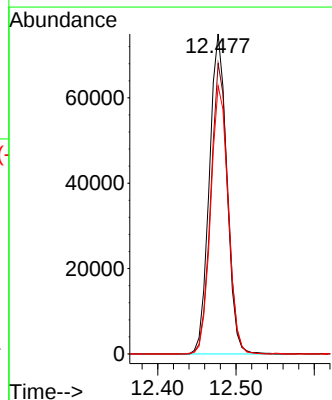
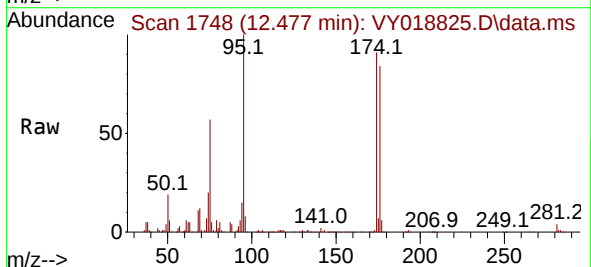
Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBL01

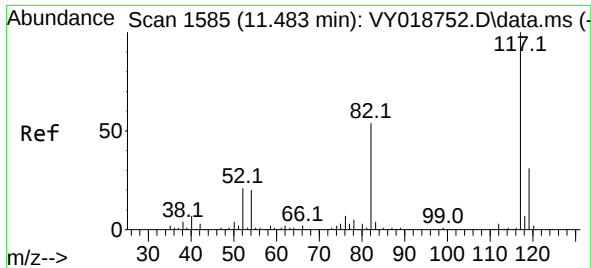
Tgt Ion: 98 Resp: 354839
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.934 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018825.D
Acq: 16 Jul 2024 11:26

Tgt Ion: 95 Resp: 116148
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 83.9 0.0 171.4

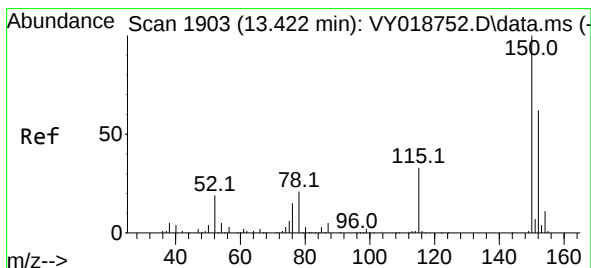
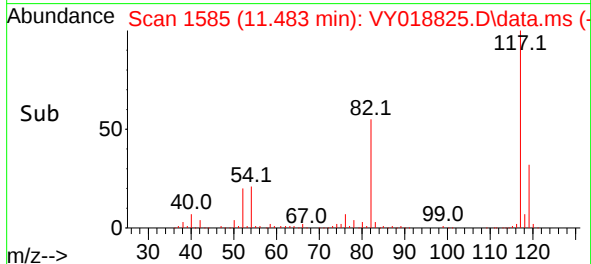
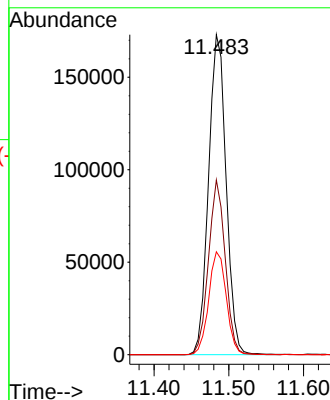
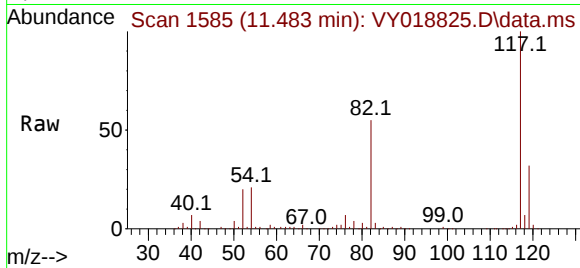




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018825.D
Acq: 16 Jul 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBL01

Tgt Ion:	117	Resp:	282159
Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.4	63.6
119	32.1	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018825.D
Acq: 16 Jul 2024 11:26

Tgt Ion:	152	Resp:	117581
Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.2	84.7
150	160.9	0.0	345.6

