

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019855.D
 Acq On : 10 Oct 2024 15:41
 Operator : SY/MD
 Sample : P4364-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-2.0-2.5

Quant Time: Oct 11 01:44:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	13195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	21869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	10759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	1024	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	5800	35.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.400%
35) Dibromofluoromethane	7.640	113	6130	42.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.960%
50) Toluene-d8	10.109	98	21705	40.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.460%
62) 4-Bromofluorobenzene	12.401	95	1820	9.452	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	18.900%#

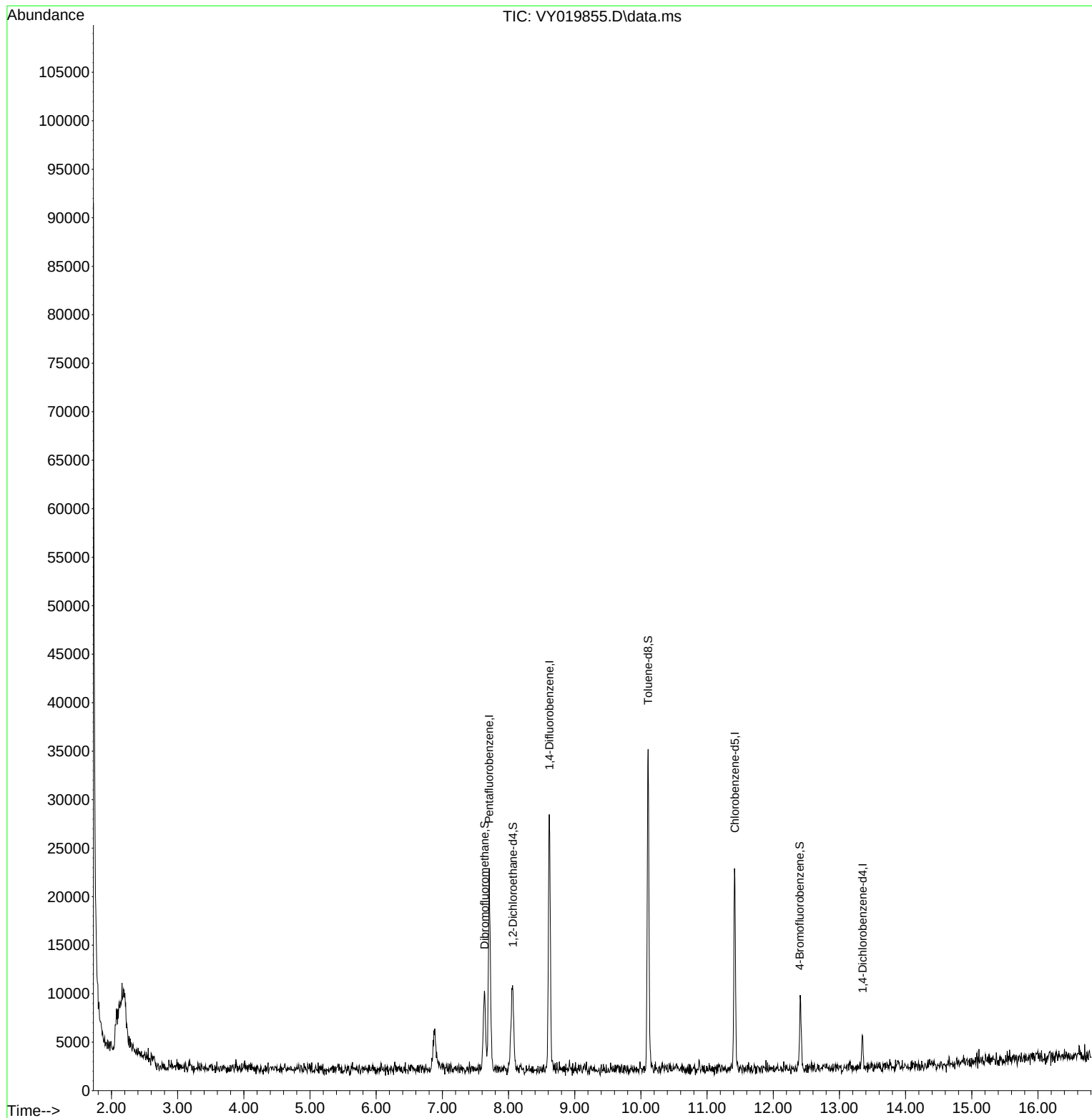
Target Compounds	Qvalue

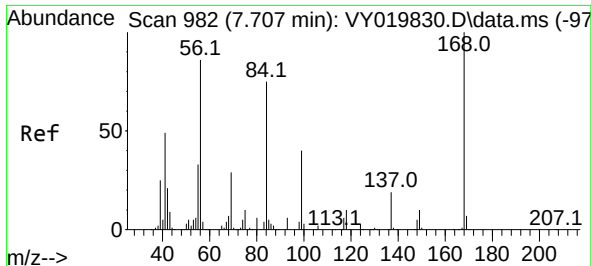
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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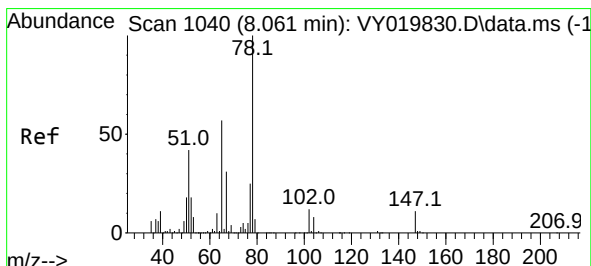
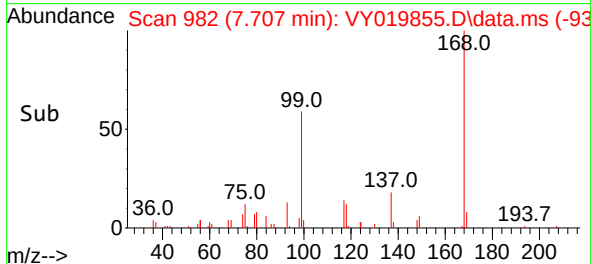
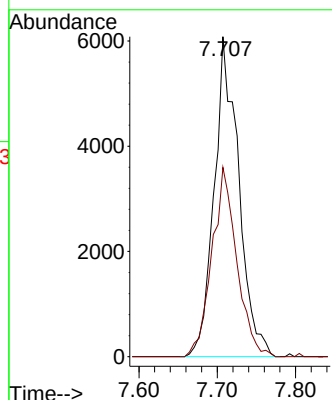
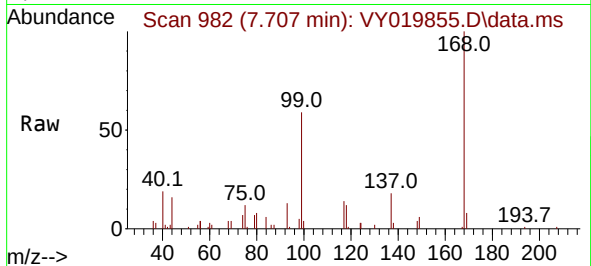




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019855.D
Acq: 10 Oct 2024 15:41

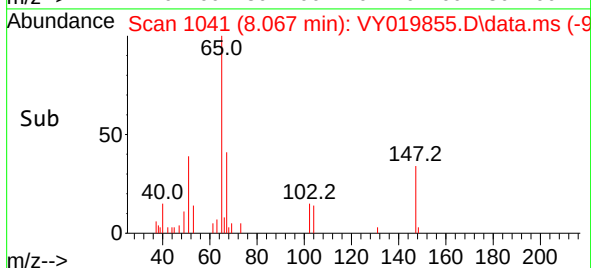
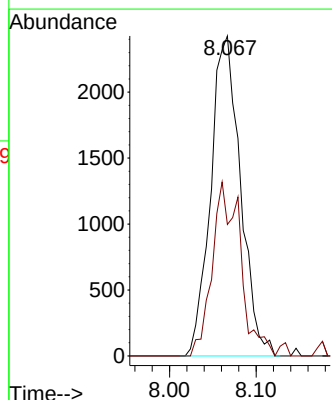
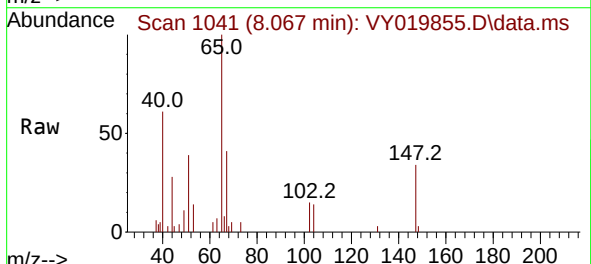
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-2.0-2.5

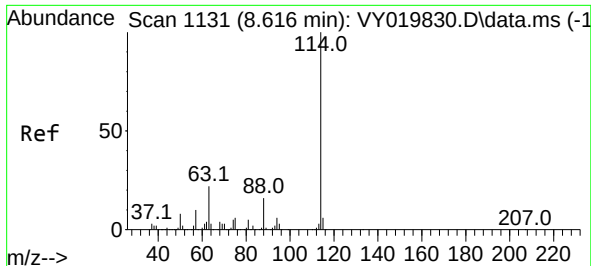
Tgt Ion:168 Resp: 13195
Ion Ratio Lower Upper
168 100
99 59.2 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 35.699 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019855.D
Acq: 10 Oct 2024 15:41

Tgt Ion: 65 Resp: 5800
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.0

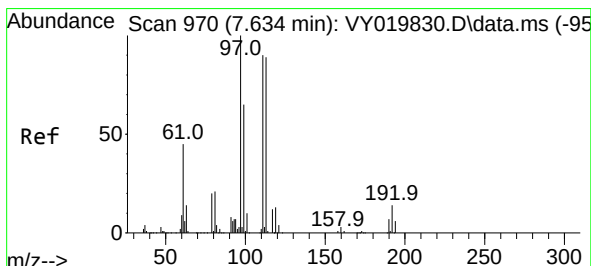
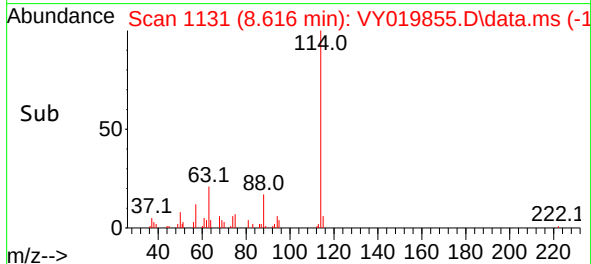
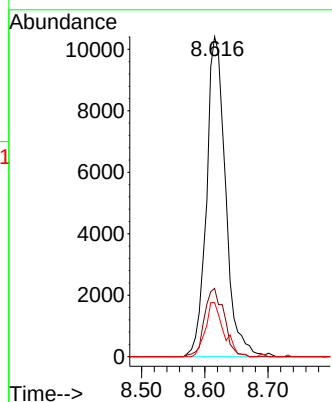
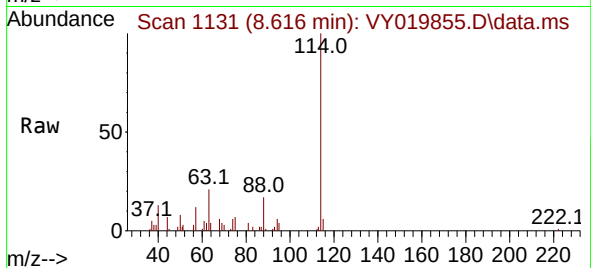




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019855.D
Acq: 10 Oct 2024 15:41

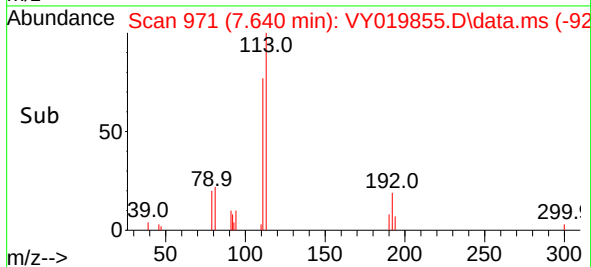
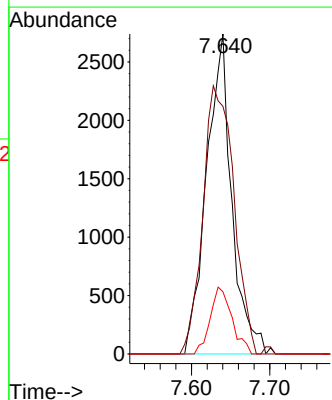
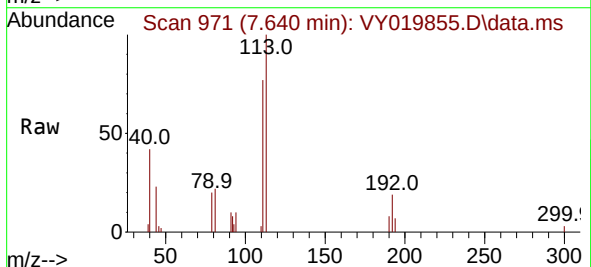
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-2.0-2.5

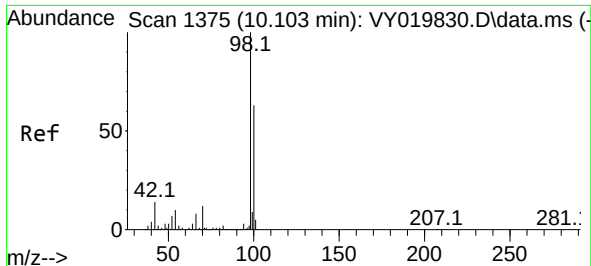
Tgt Ion:	114	Resp:	21869
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	43.8
88	16.9	0.0	32.0



#35
Dibromofluoromethane
Concen: 42.478 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019855.D
Acq: 10 Oct 2024 15:41

Tgt Ion:	113	Resp:	6130
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.9	124.3
192	18.0	13.6	20.4

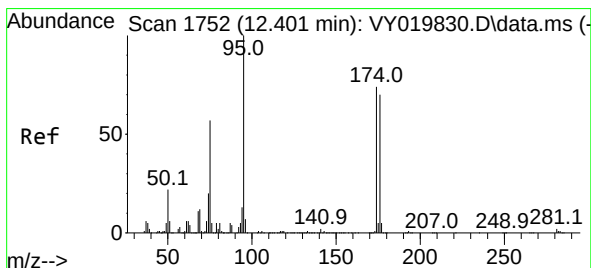
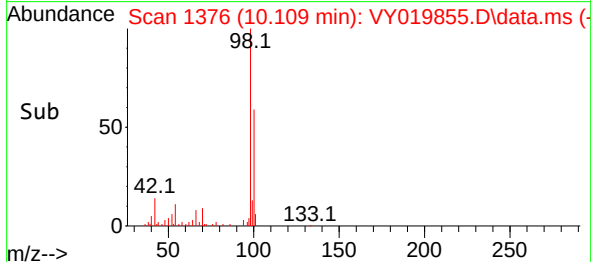
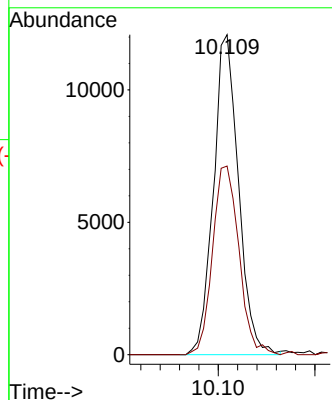
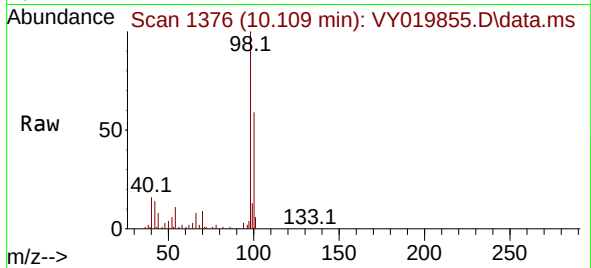




#50
Toluene-d8
Concen: 40.728 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019855.D
Acq: 10 Oct 2024 15:41

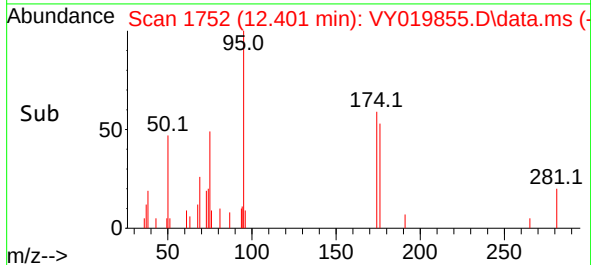
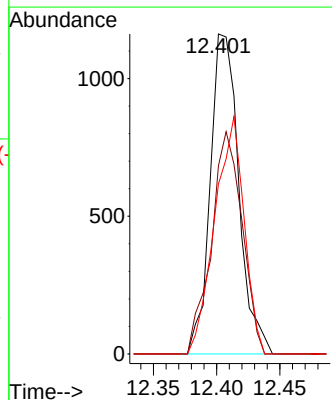
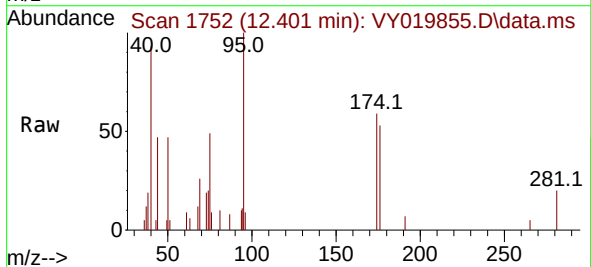
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-2.0-2.5

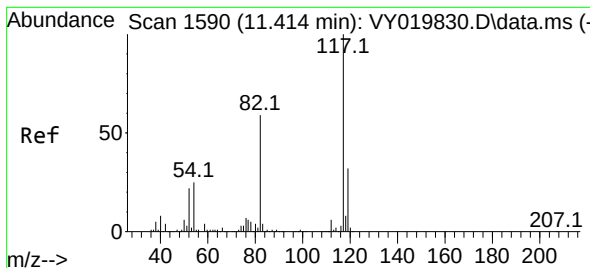
Tgt Ion: 98 Resp: 21705
Ion Ratio Lower Upper
98 100
100 62.0 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 9.452 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019855.D
Acq: 10 Oct 2024 15:41

Tgt Ion: 95 Resp: 1820
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.0
176 76.2 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019855.D

Acq: 10 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-2.0-2.5

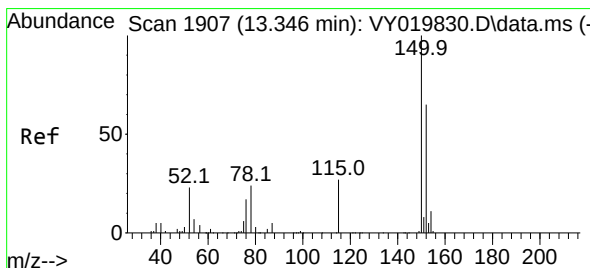
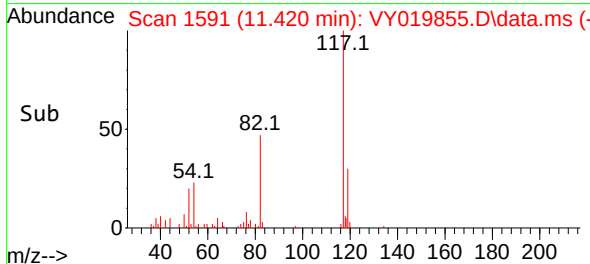
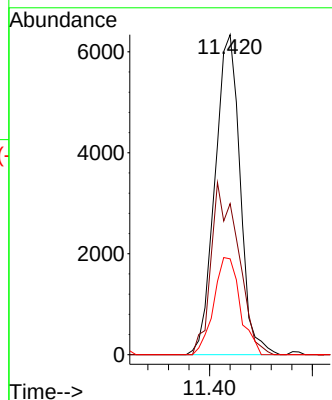
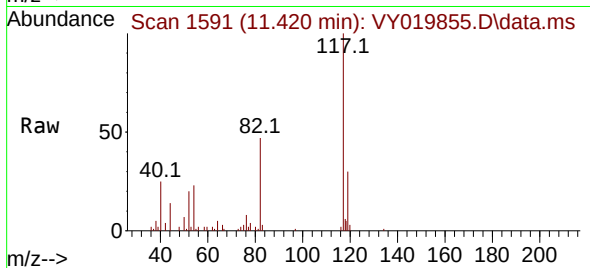
Tgt Ion:117 Resp: 10759

Ion Ratio Lower Upper

117 100

82 47.2 46.9 70.3

119 29.9 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019855.D

Acq: 10 Oct 2024 15:41

Tgt Ion:152 Resp: 1024

Ion Ratio Lower Upper

152 100

115 66.6 30.8 92.3

150 155.2 0.0 352.8

