

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013939.D
 Acq On : 31 May 2023 16:35
 Operator : KP/MD
 Sample : 02955-11
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB21RE

Quant Time: May 31 17:33:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	5021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	8360	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	6592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5239	90.191	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	180.380%#
35) Dibromofluoromethane	7.710	113	3928	72.755	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.520%
50) Toluene-d8	10.179	98	10464	50.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.477	95	2630	38.559	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.120%

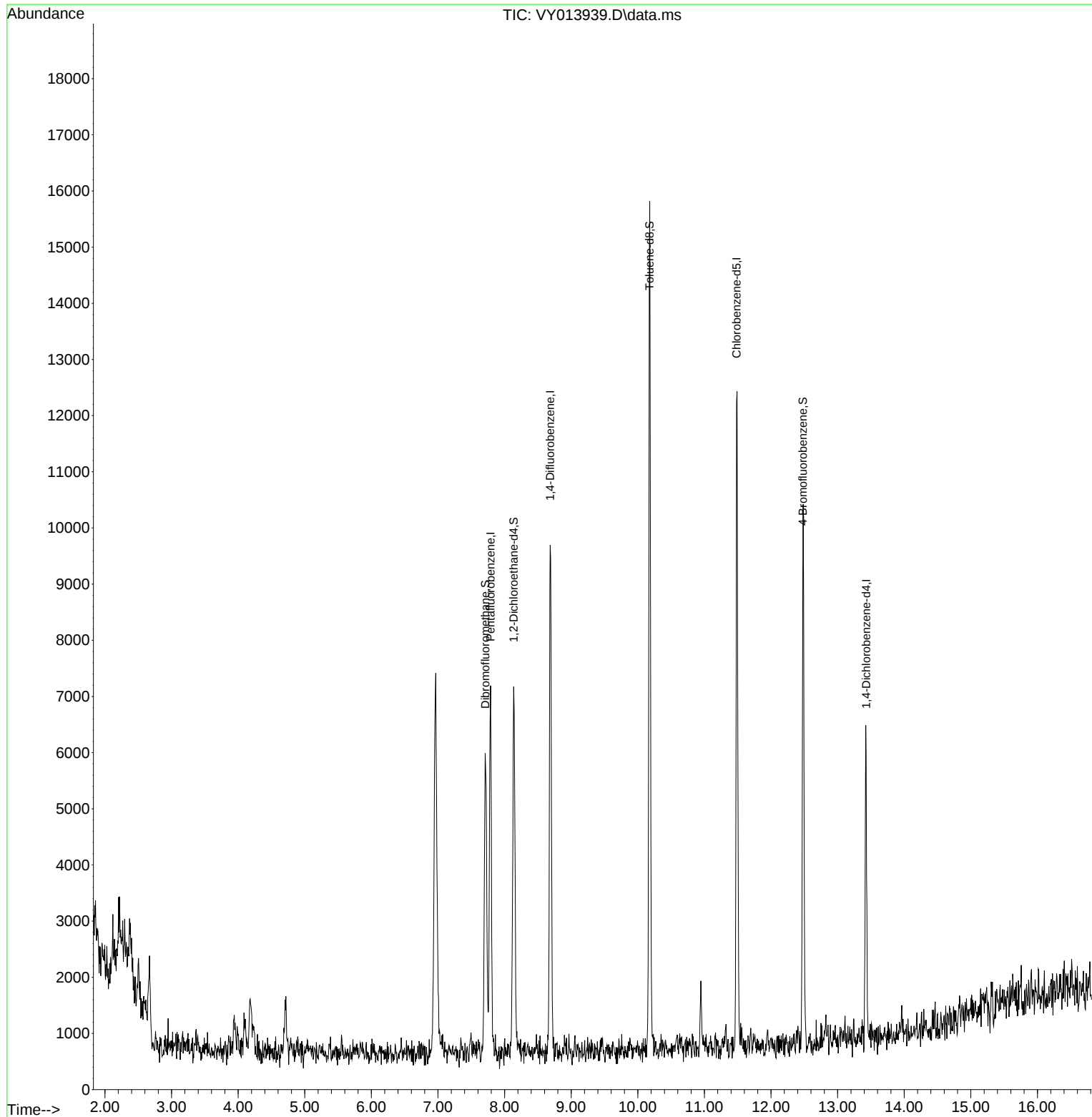
Target Compounds	Qvalue

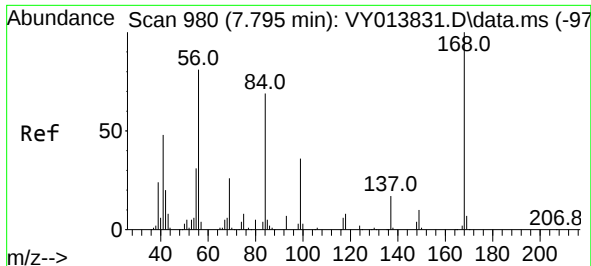
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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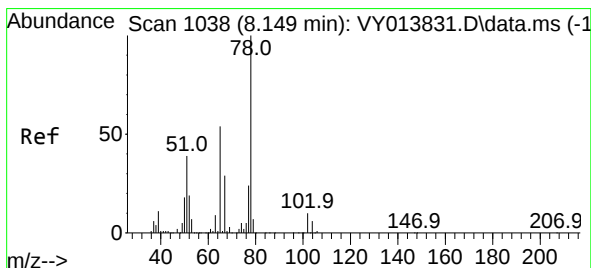
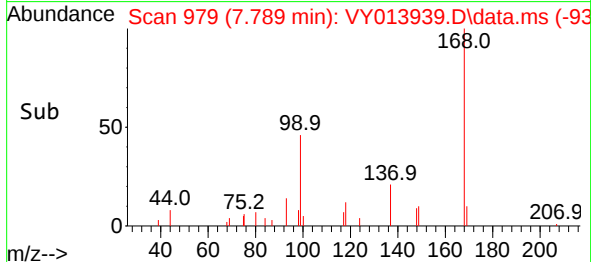
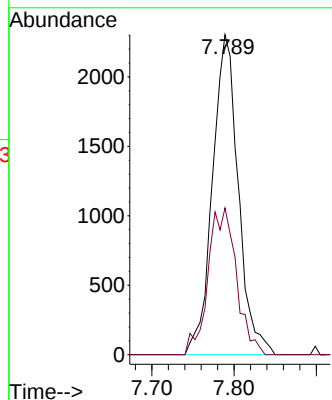
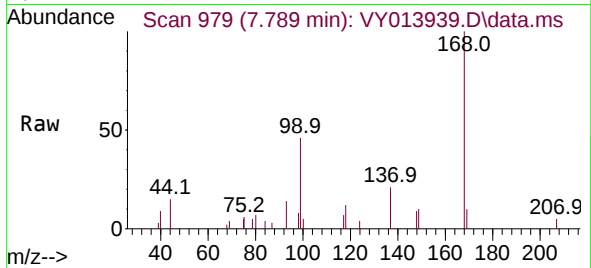




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013939.D
Acq: 31 May 2023 16:35

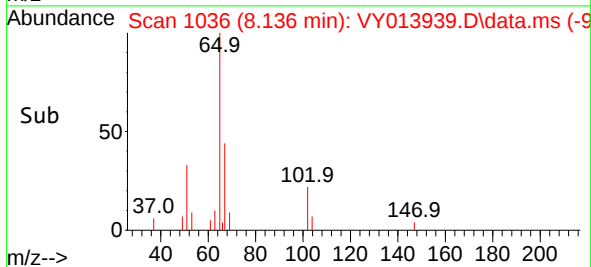
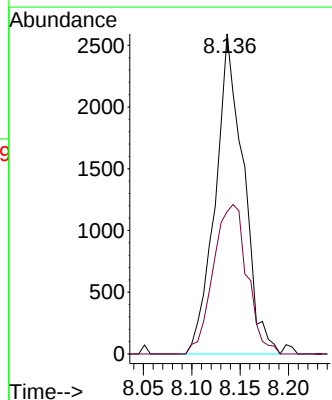
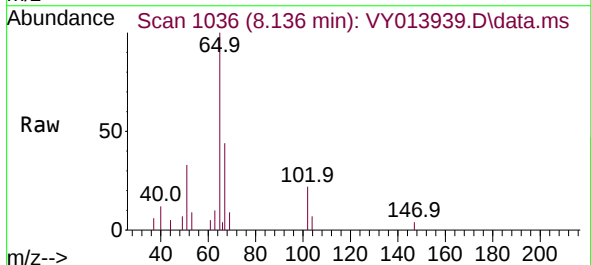
Instrument :
MSVOA_Y
ClientSampleId :
SB21RE

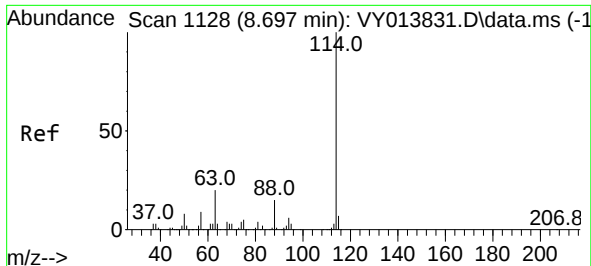
Tgt Ion:168 Resp: 5021
Ion Ratio Lower Upper
168 100
99 45.8 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 90.191 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013939.D
Acq: 31 May 2023 16:35

Tgt Ion: 65 Resp: 5239
Ion Ratio Lower Upper
65 100
67 56.3 0.0 104.4

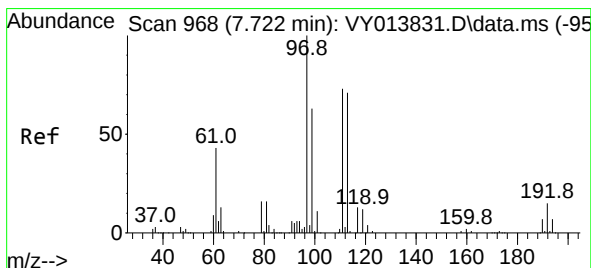
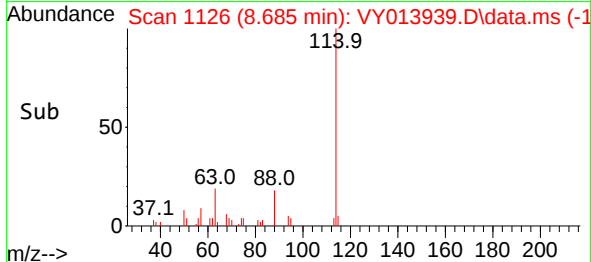
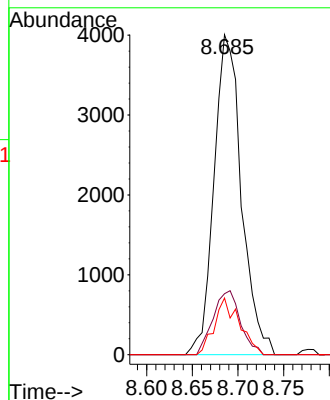
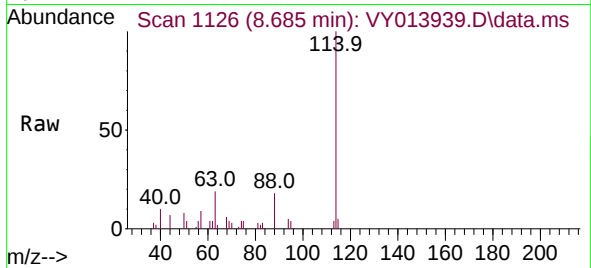




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.012 min
Lab File: VY013939.D
Acq: 31 May 2023 16:35

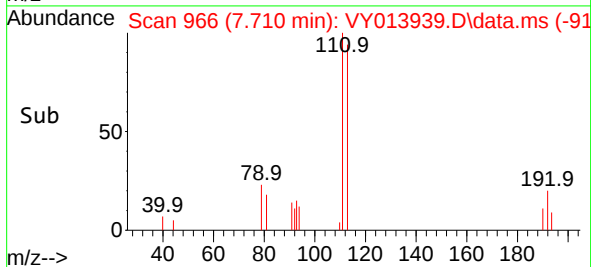
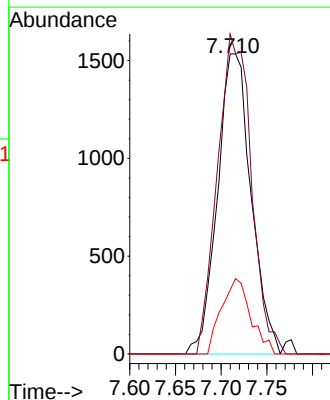
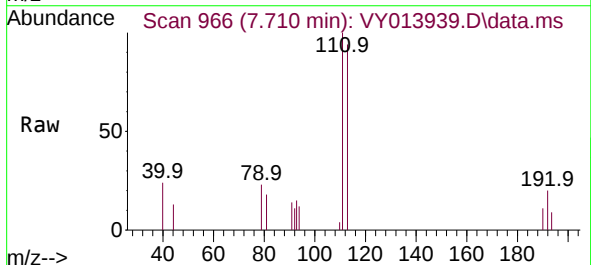
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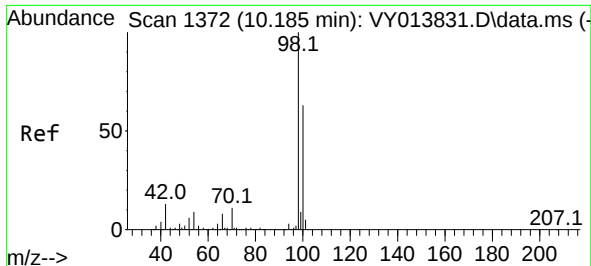
Tgt Ion:114	Resp:	8360
Ion Ratio	Lower	Upper
114	100	
63	19.0	0.0 40.2
88	17.7	0.0 30.0



#35
Dibromofluoromethane
Concen: 72.755 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY013939.D
Acq: 31 May 2023 16:35

Tgt Ion:113	Resp:	3928
Ion Ratio	Lower	Upper
113	100	
111	107.4	80.4 120.6
192	21.9	16.6 25.0

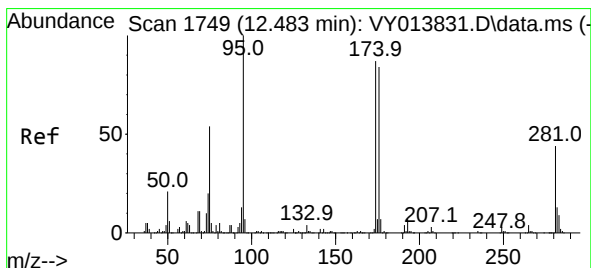
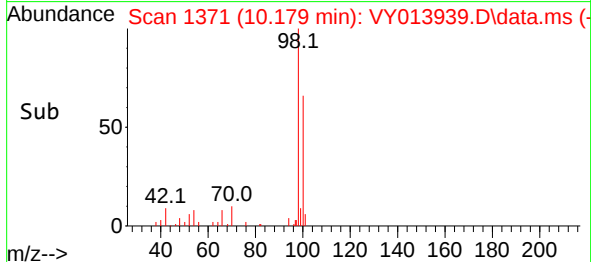
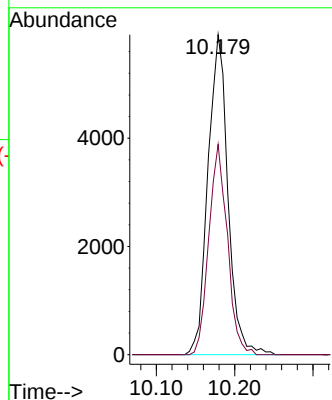
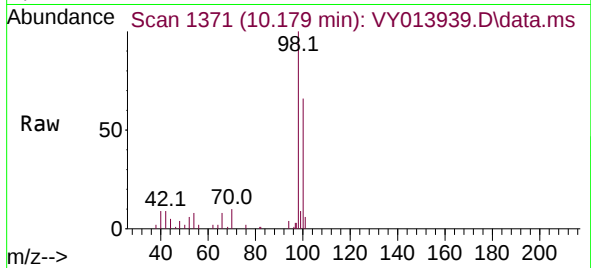




#50
Toluene-d8
Concen: 50.995 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013939.D
Acq: 31 May 2023 16:35

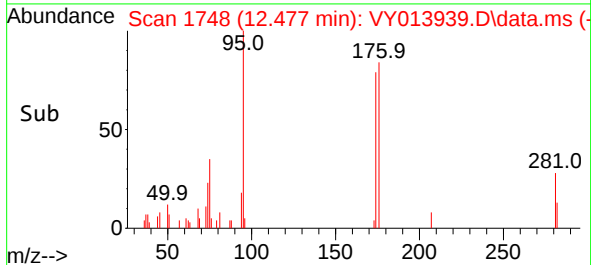
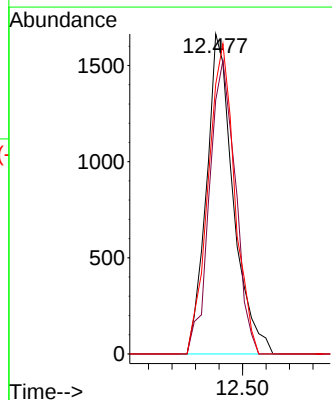
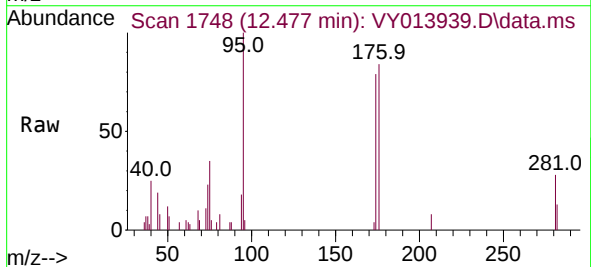
Instrument :
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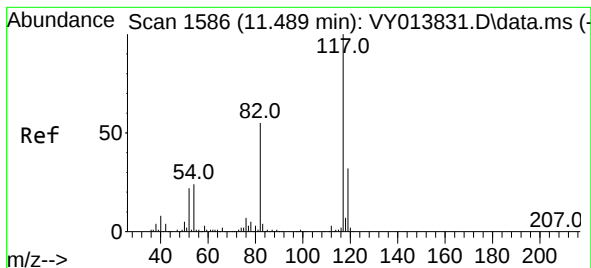
Tgt Ion: 98 Resp: 10464
Ion Ratio Lower Upper
98 100
100 61.1 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 38.559 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013939.D
Acq: 31 May 2023 16:35

Tgt Ion: 95 Resp: 2630
Ion Ratio Lower Upper
95 100
174 88.8 0.0 176.0
176 96.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013939.D

Acq: 31 May 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

SB21RE

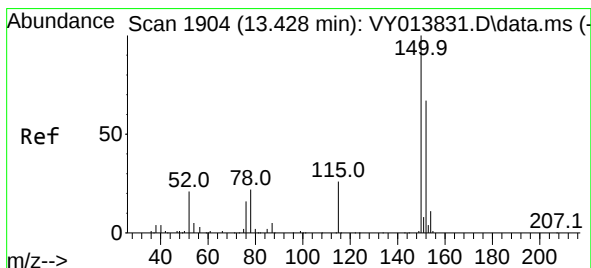
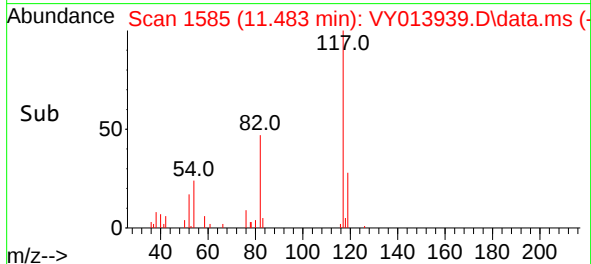
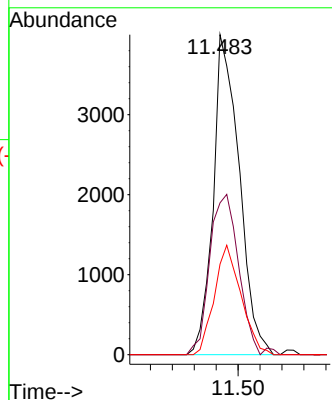
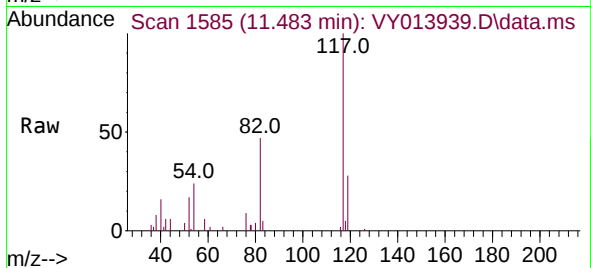
Tgt Ion:117 Resp: 6592

Ion Ratio Lower Upper

117 100

82 47.4 44.2 66.4

119 28.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013939.D

Acq: 31 May 2023 16:35

Tgt Ion:152 Resp: 1369

Ion Ratio Lower Upper

152 100

115 70.9 28.8 86.5

150 178.2 0.0 353.4

