

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013949.D
 Acq On : 31 May 2023 20:30
 Operator : KP/MD
 Sample : 02977-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FOUNDATION-TEST-PIT

Quant Time: Jun 01 03:31:59 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)

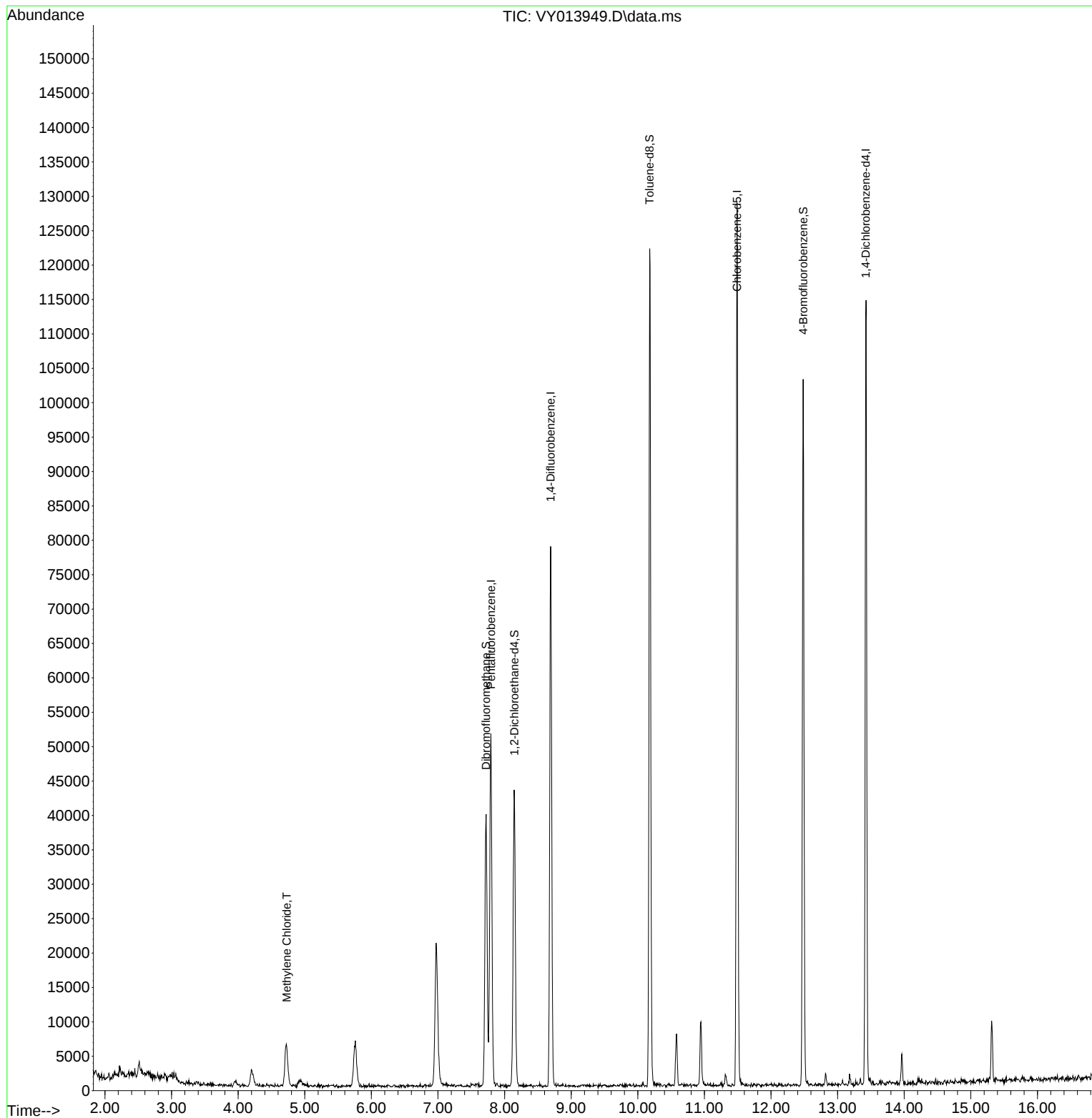
Internal Standards						
1) Pentafluorobenzene	7.795	168	38843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	66915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	69354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	36410	81.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.040%	
35) Dibromofluoromethane	7.722	113	26107	60.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.820%	
50) Toluene-d8	10.179	98	80253	48.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	12.483	95	27234	49.884	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.760%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	4445	7.227	ug/l	84

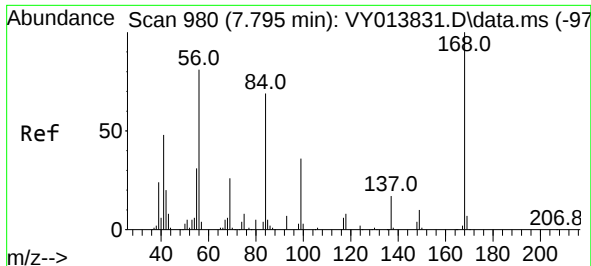
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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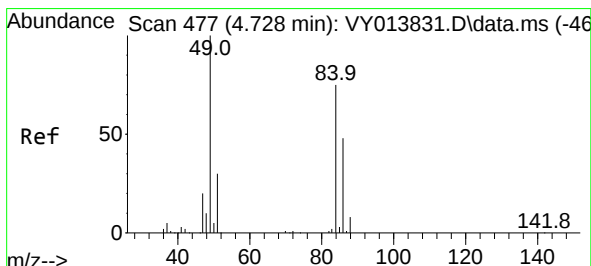
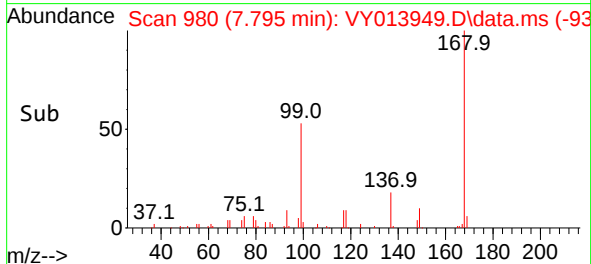
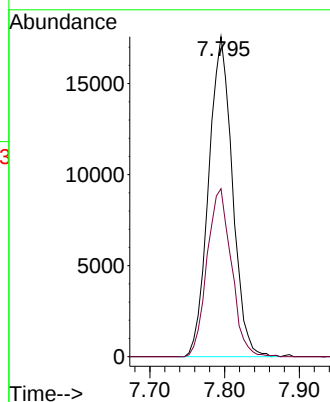
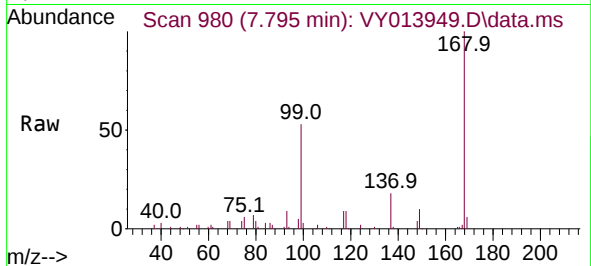




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

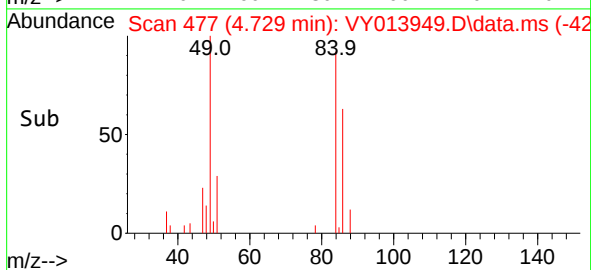
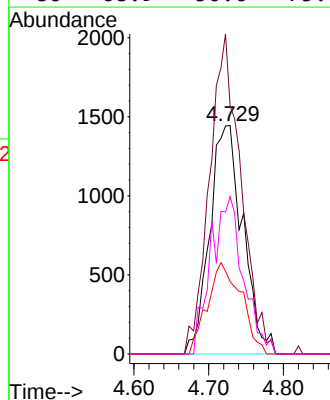
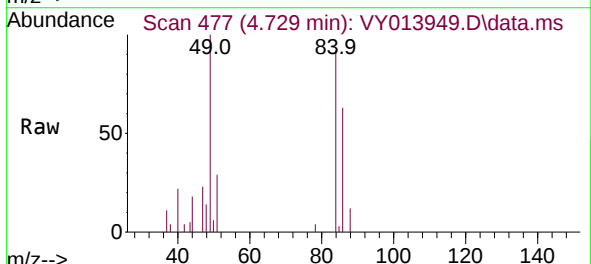
Instrument :
MSVOA_Y
ClientSampleId :
FOUNDATION-TEST-PIT

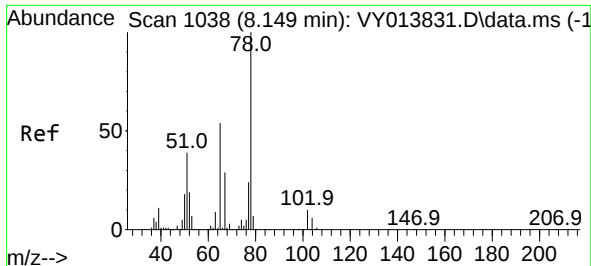
Tgt Ion:168 Resp: 38843
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.2



#20
Methylene Chloride
Concen: 7.227 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

Tgt Ion: 84 Resp: 4445
Ion Ratio Lower Upper
84 100
49 108.7 106.2 159.2
51 31.6 31.4 47.0
86 68.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 81.024 ug/l

RT: 8.149 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VY013949.D

Acq: 31 May 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

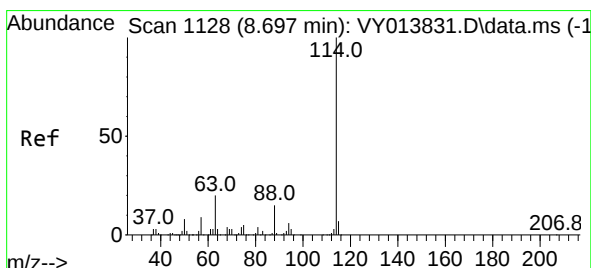
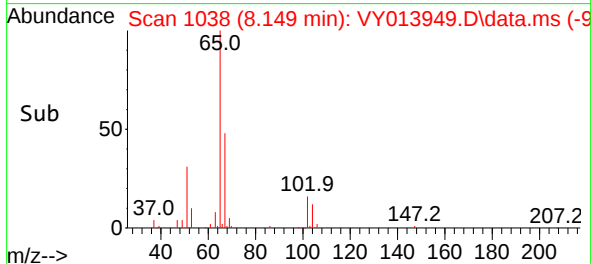
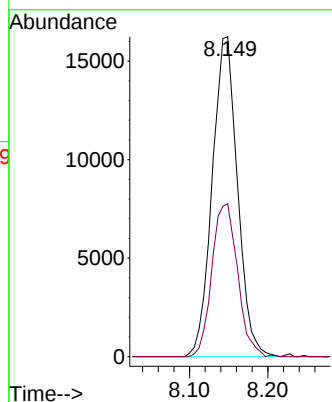
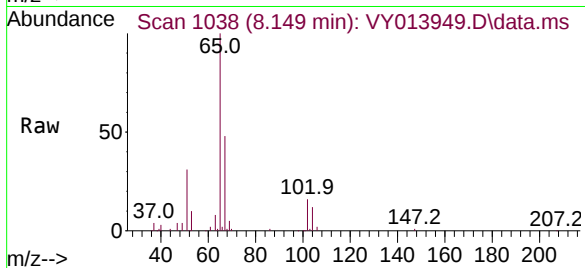
FOUNDATION-TEST-PIT

Tgt Ion: 65 Resp: 36410

Ion Ratio Lower Upper

65 100

67 48.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013949.D

Acq: 31 May 2023 20:30

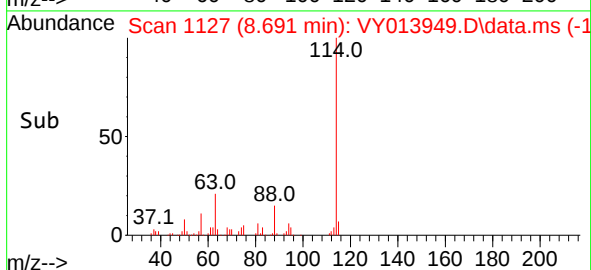
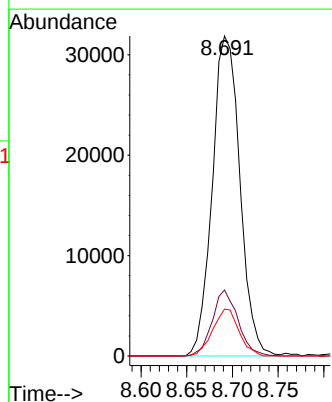
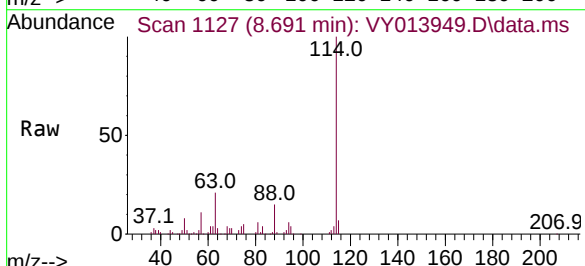
Tgt Ion: 114 Resp: 66915

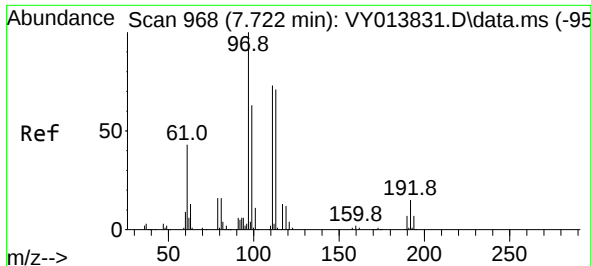
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 14.7 0.0 30.0

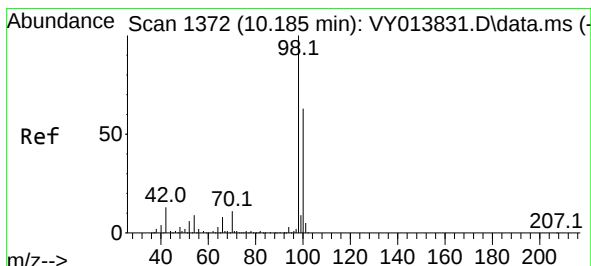
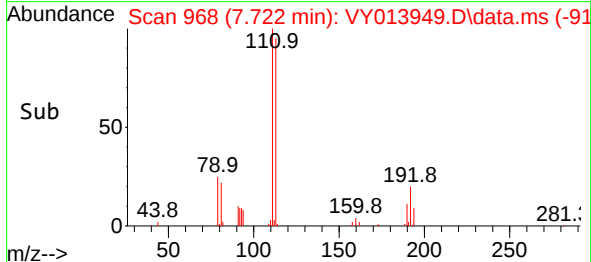
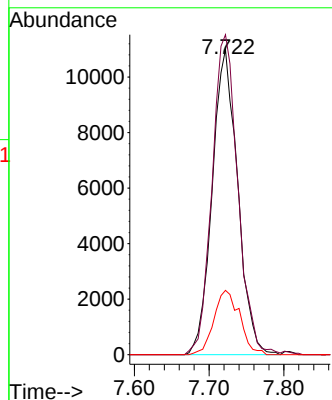
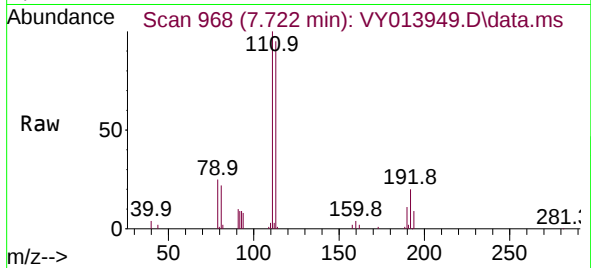




#35
Dibromofluoromethane
Concen: 60.413 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

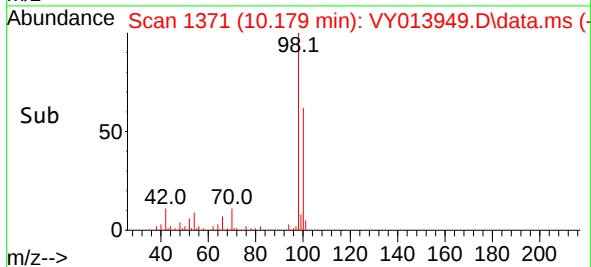
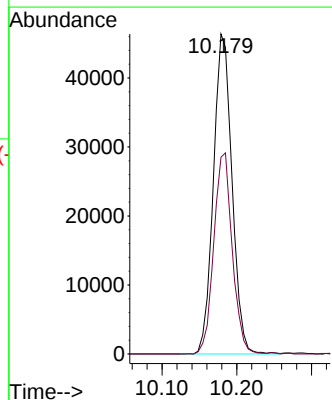
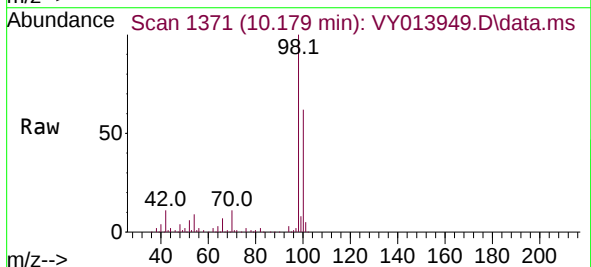
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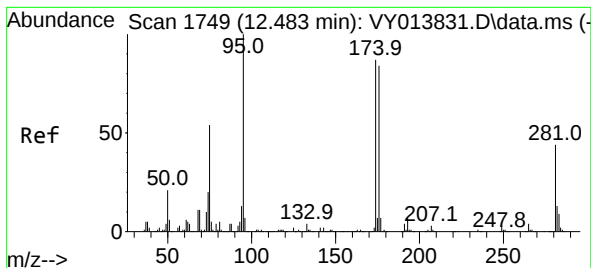
Tgt Ion:113 Resp: 26107
Ion Ratio Lower Upper
113 100
111 105.4 80.4 120.6
192 21.3 16.6 25.0



#50
Toluene-d8
Concen: 48.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013949.D
Acq: 31 May 2023 20:30

Tgt Ion: 98 Resp: 80253
Ion Ratio Lower Upper
98 100
100 62.2 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 49.884 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013949.D

Acq: 31 May 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

FOUNDATION-TEST-PIT

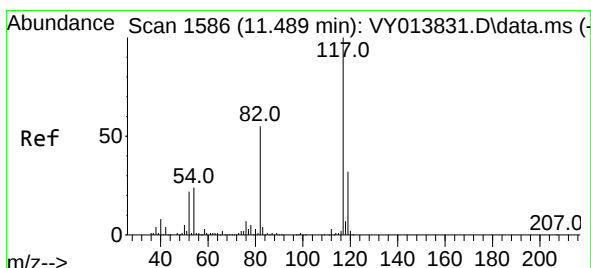
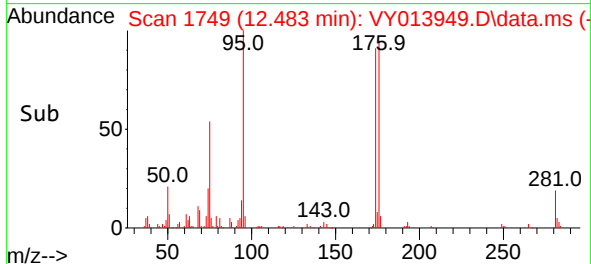
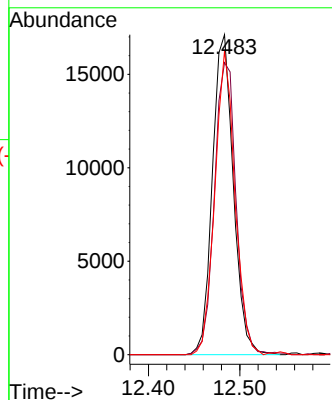
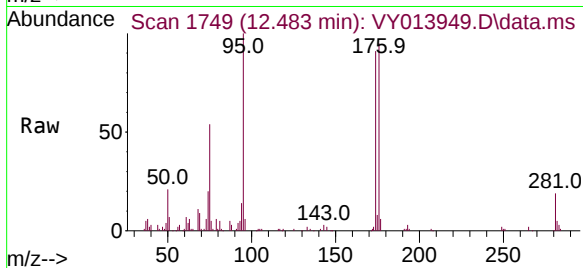
Tgt Ion: 95 Resp: 27234

Ion Ratio Lower Upper

95 100

174 94.8 0.0 176.0

176 91.0 0.0 170.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013949.D

Acq: 31 May 2023 20:30

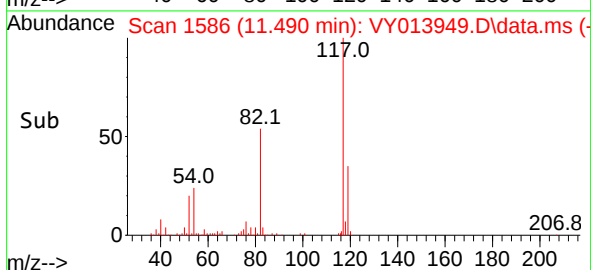
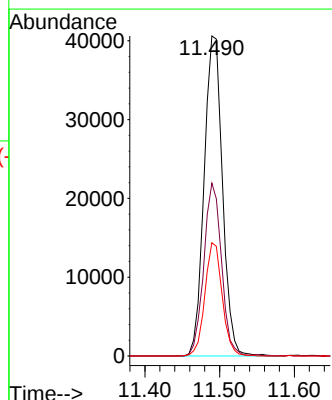
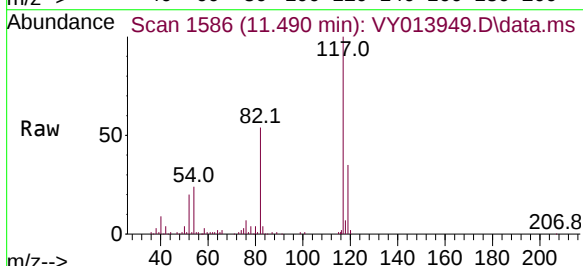
Tgt Ion: 117 Resp: 69354

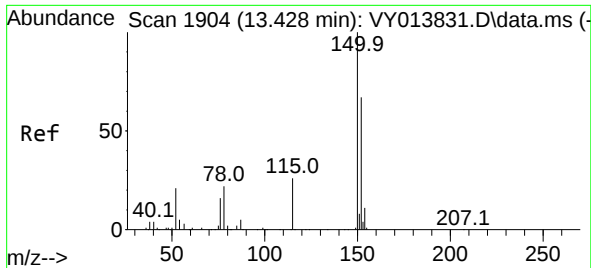
Ion Ratio Lower Upper

117 100

82 54.0 44.2 66.4

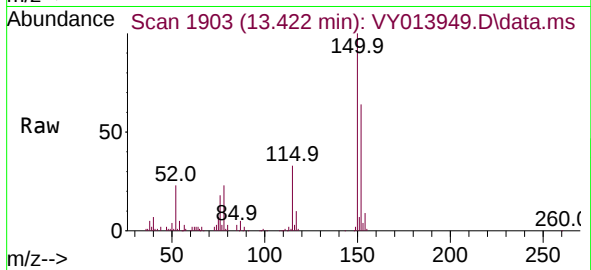
119 35.4 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013949.D
 Acq: 31 May 2023 20:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 FOUNDATION-TEST-PIT



Tgt Ion:	152	Resp:	29986
Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.8	86.5
150	163.2	0.0	353.4

