

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013926.D
 Acq On : 30 May 2023 17:52
 Operator : KP/MD
 Sample : 02852-12
 Misc : 6.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-55.5-051823-FD

Quant Time: May 31 03:27:53 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)

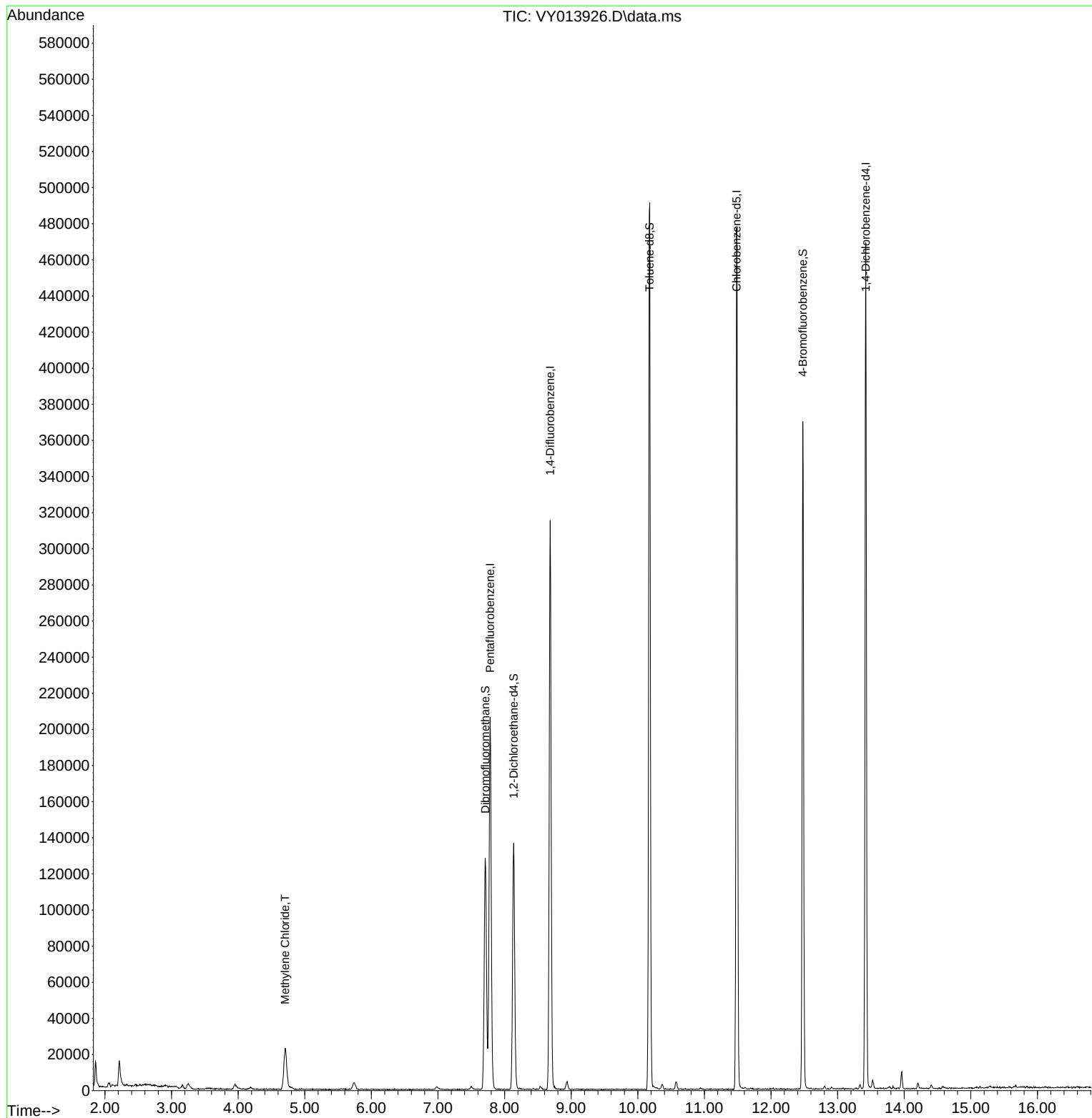
Internal Standards						
1) Pentafluorobenzene	7.782	168	154487	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	260777	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	254032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111170	62.201	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.400%
35) Dibromofluoromethane	7.709	113	89149	52.935	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.880%
50) Toluene-d8	10.178	98	324899	50.759	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.477	95	103773	48.774	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.540%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	16266	6.435	ug/l	94

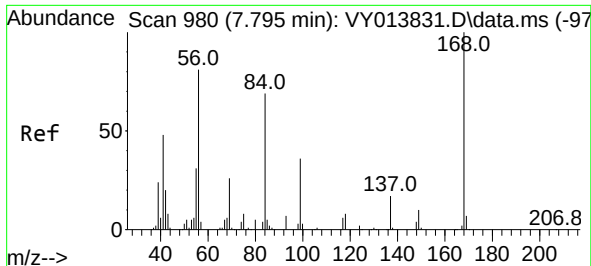
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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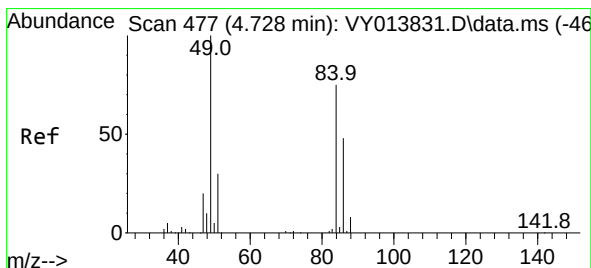
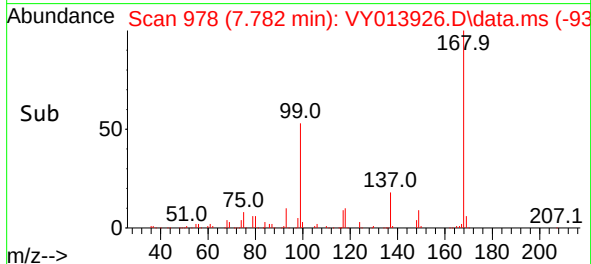
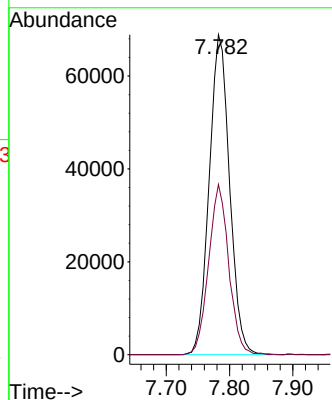
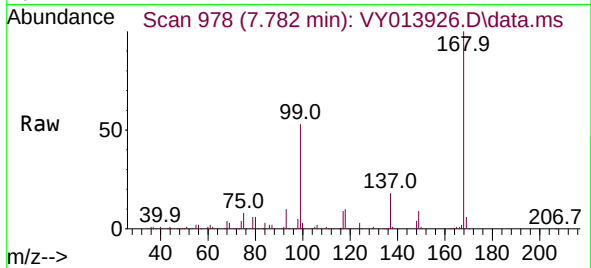




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

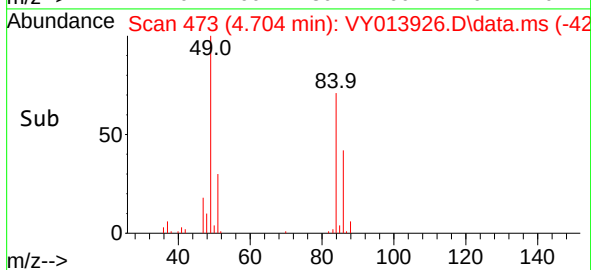
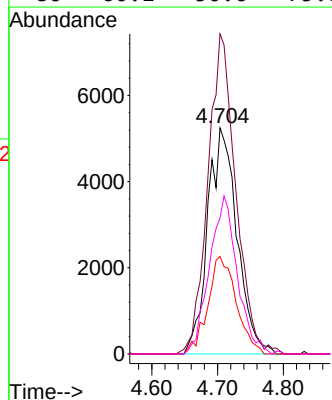
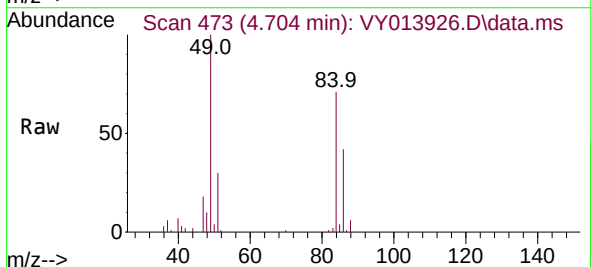
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

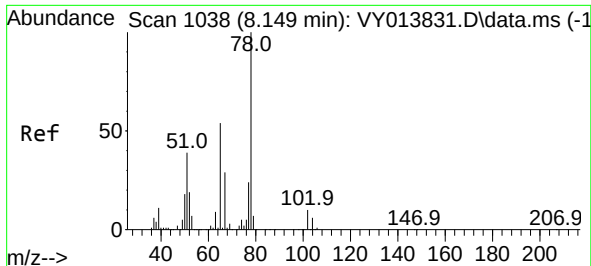
Tgt Ion:168 Resp: 154487
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.2



#20
Methylene Chloride
Concen: 6.435 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.024 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

Tgt Ion: 84 Resp: 16266
Ion Ratio Lower Upper
84 100
49 140.5 106.2 159.2
51 43.1 31.4 47.0
86 60.1 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 62.201 ug/l

RT: 8.136 min Scan# 111170

Delta R.T. -0.013 min

Lab File: VY013926.D

Acq: 30 May 2023 17:52

Instrument :

MSVOA_Y

ClientSampleId :

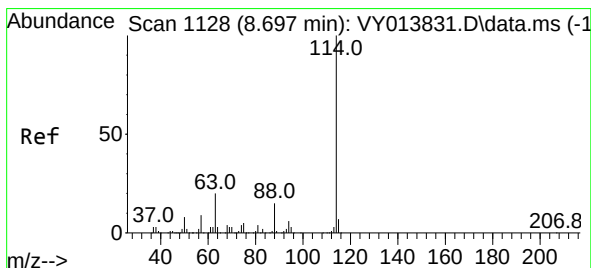
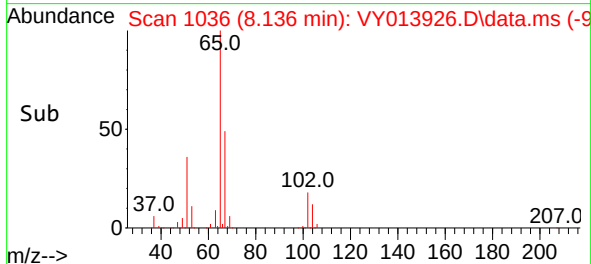
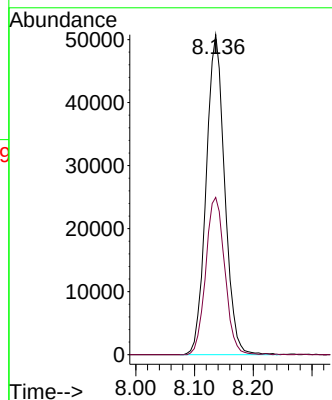
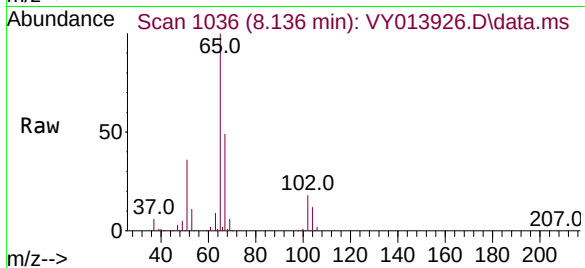
CB-32-G3-SO-55.5-051823-FD

Tgt Ion: 65 Resp: 111170

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.013 min

Lab File: VY013926.D

Acq: 30 May 2023 17:52

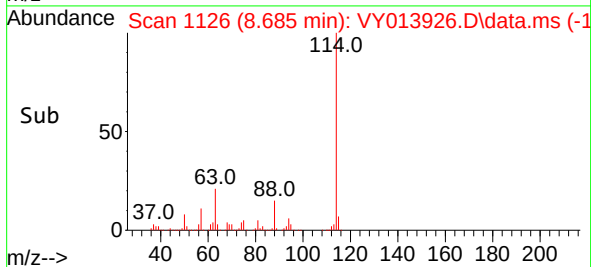
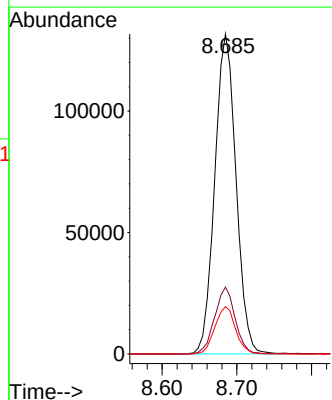
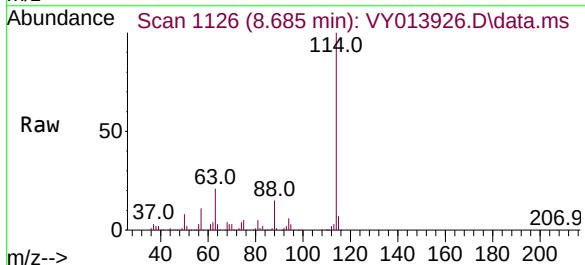
Tgt Ion: 114 Resp: 260777

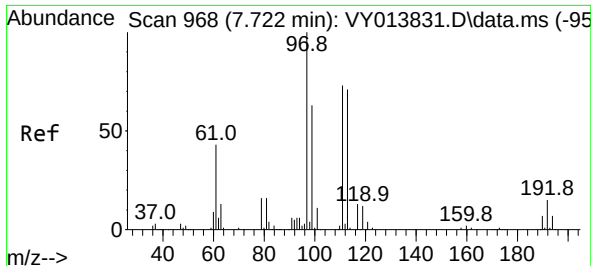
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 14.8 0.0 30.0

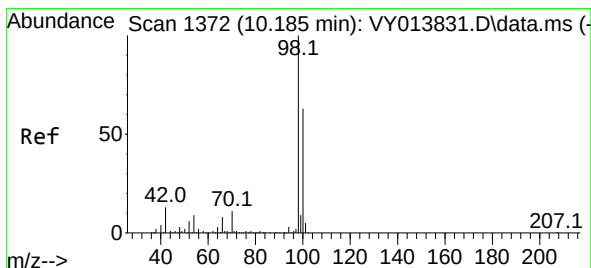
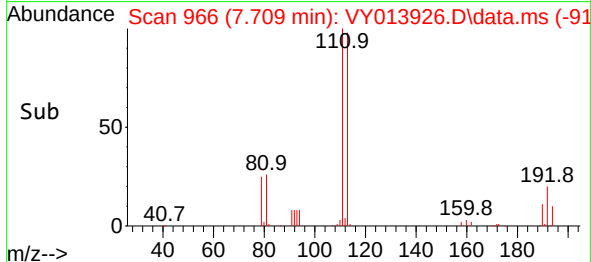
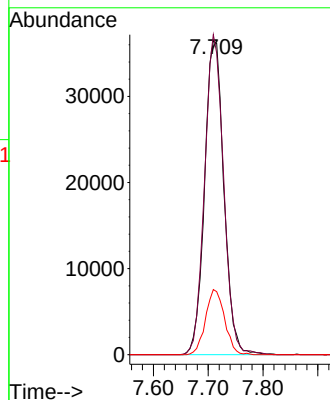
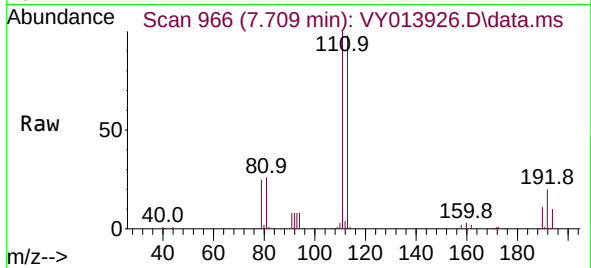




#35
Dibromofluoromethane
Concen: 52.935 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

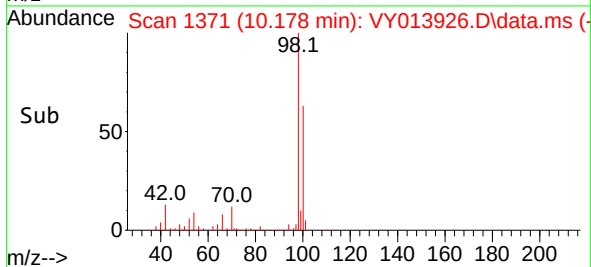
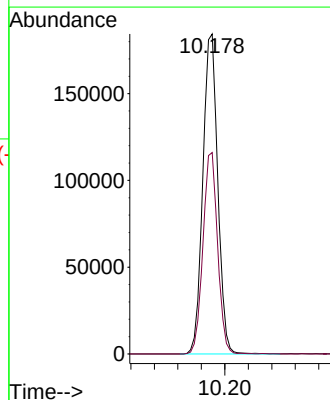
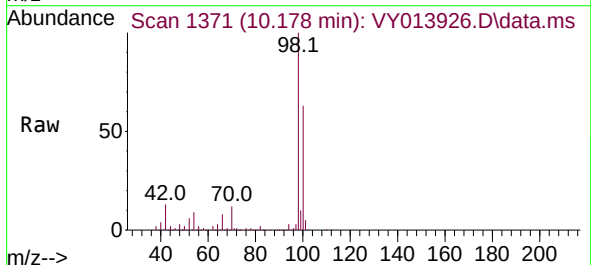
Instrument :
MSVOA_Y
ClientSampleId :
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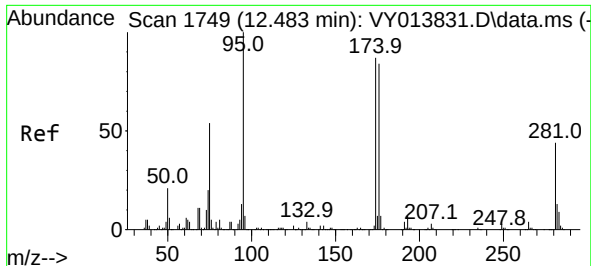
Tgt Ion:113 Resp: 89149
Ion Ratio Lower Upper
113 100
111 100.4 80.4 120.6
192 20.5 16.6 25.0



#50
Toluene-d8
Concen: 50.759 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

Tgt Ion: 98 Resp: 324899
Ion Ratio Lower Upper
98 100
100 61.7 50.8 76.2

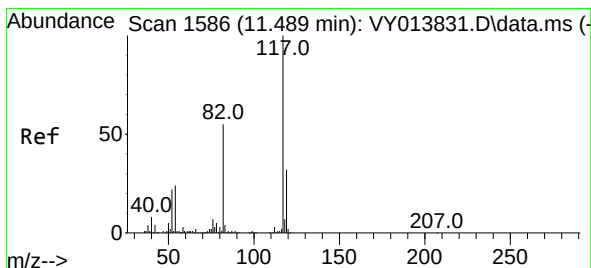
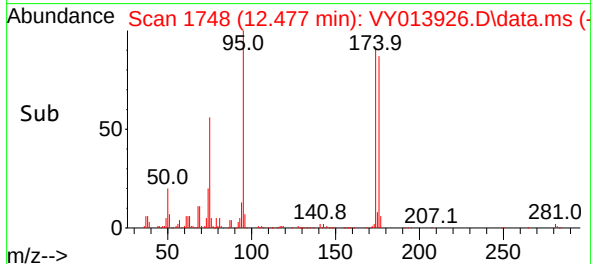
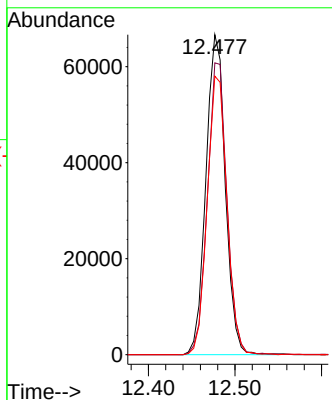
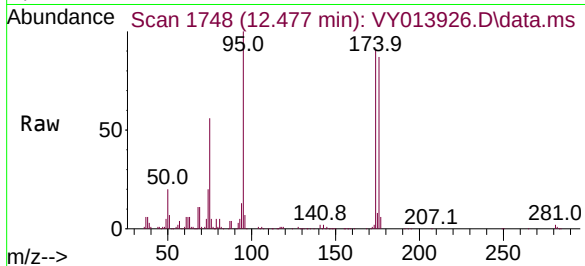




#62
4-Bromofluorobenzene
Concen: 48.774 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

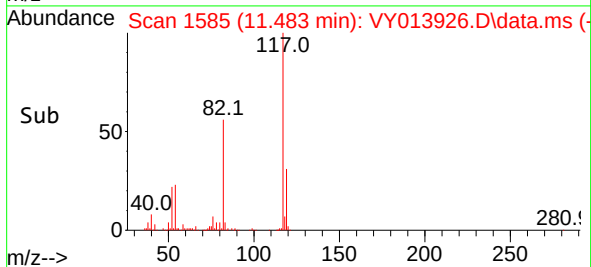
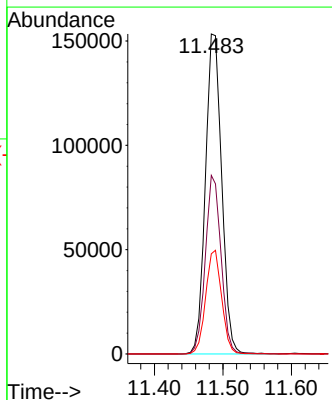
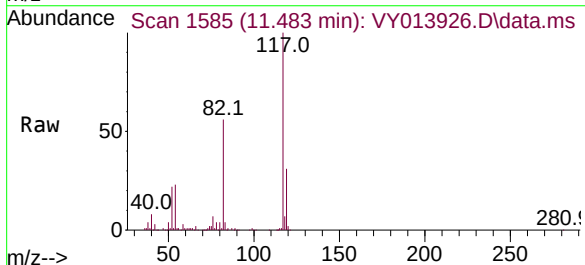
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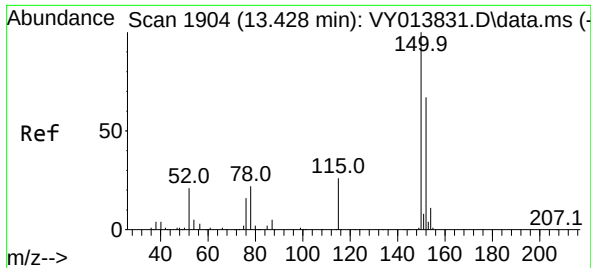
Tgt Ion: 95 Resp: 103773
Ion Ratio Lower Upper
95 100
174 91.9 0.0 176.0
176 88.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013926.D
Acq: 30 May 2023 17:52

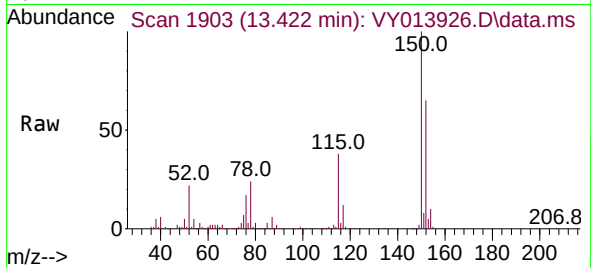
Tgt Ion: 117 Resp: 254032
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 31.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013926.D
 Acq: 30 May 2023 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-55.5-051823-FD



Tgt Ion:152 Resp: 116920
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.8 86.5
 150 154.8 0.0 353.4

