

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010960.D
 Acq On : 13 Oct 2022 16:10
 Operator : KP/MD
 Sample : N5118-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-2-101222

Quant Time: Oct 14 02:11:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

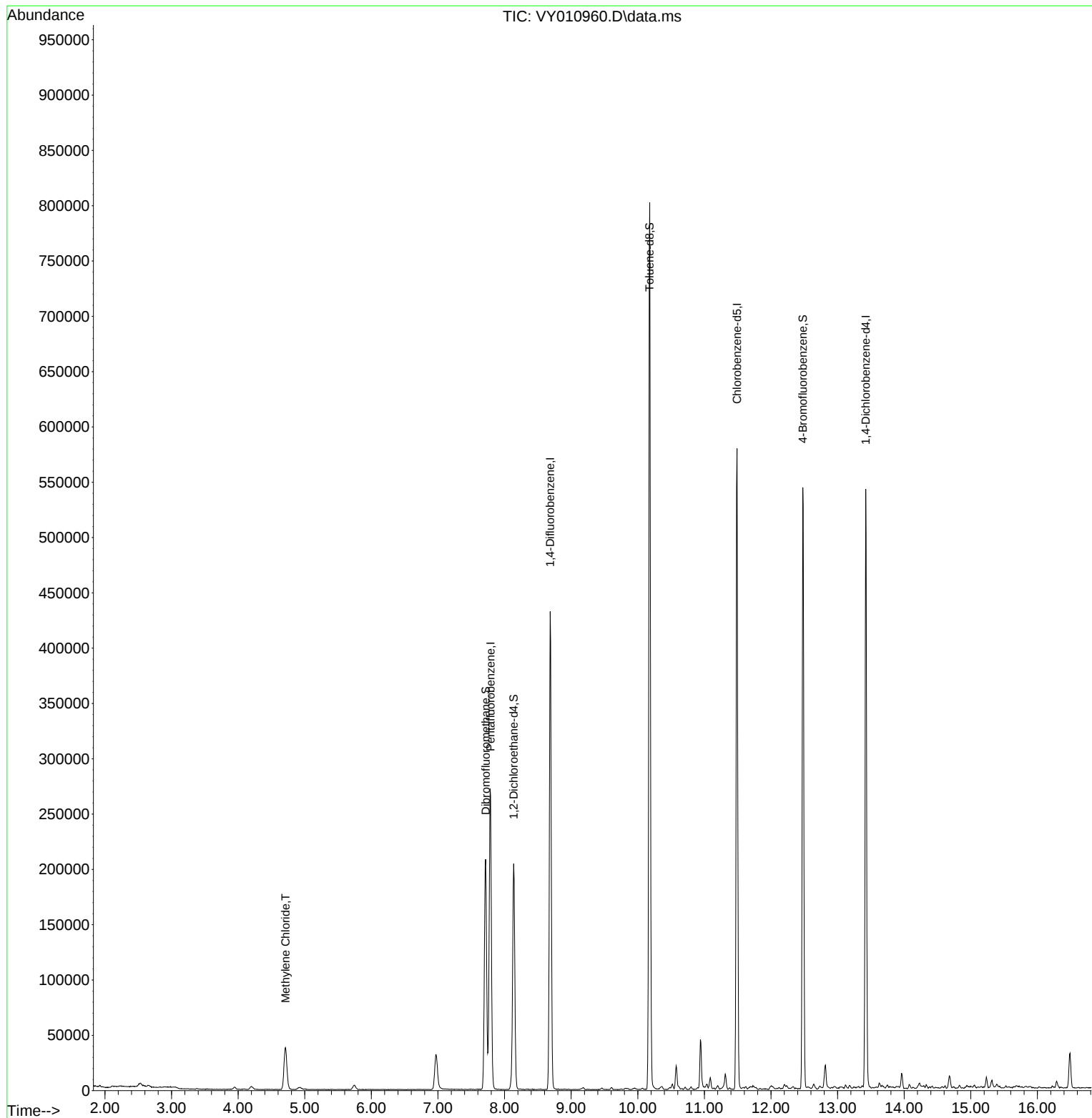
Internal Standards						
1) Pentafluorobenzene	7.789	168	211863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	321014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	153232	71.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.700%
35) Dibromofluoromethane	7.716	113	150210	61.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.180%
50) Toluene-d8	10.179	98	522766	62.681	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	125.360%
62) 4-Bromofluorobenzene	12.477	95	167623	51.559	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.120%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	29553	7.978	ug/l #	81

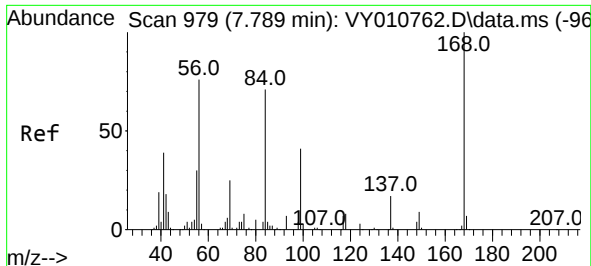
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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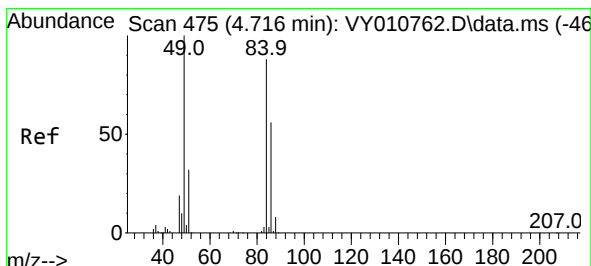
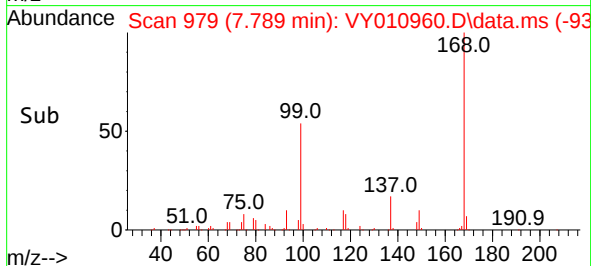
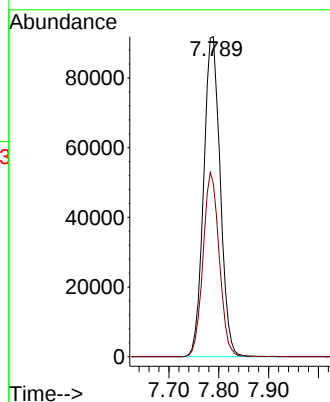
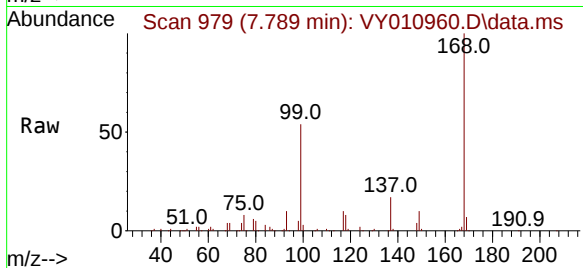




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010960.D
Acq: 13 Oct 2022 16:10

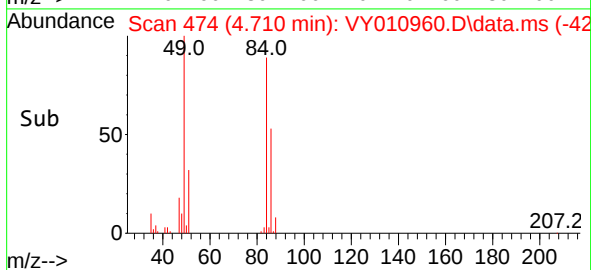
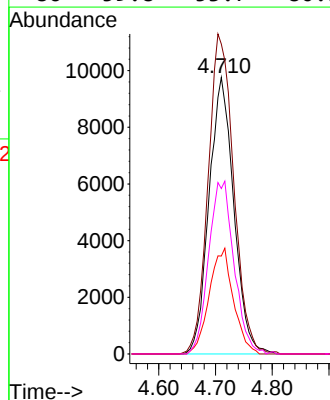
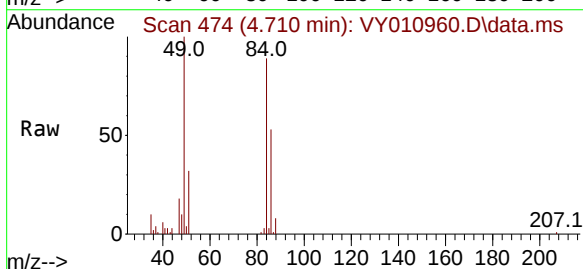
Instrument :
MSVOA_Y
ClientSampleId :
SU-2-101222

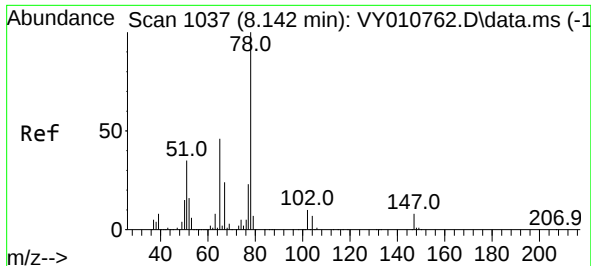
Tgt Ion:168 Resp: 211863
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#20
Methylene Chloride
Concen: 7.978 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010960.D
Acq: 13 Oct 2022 16:10

Tgt Ion: 84 Resp: 29553
Ion Ratio Lower Upper
84 100
49 112.1 114.4 171.6#
51 35.4 35.3 52.9
86 59.8 53.7 80.5

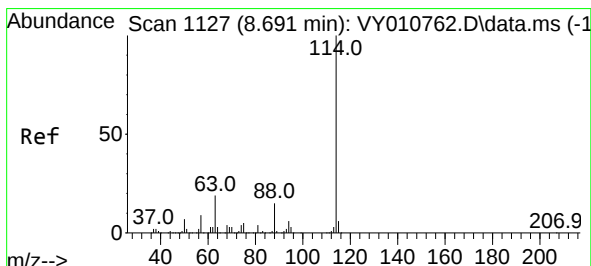
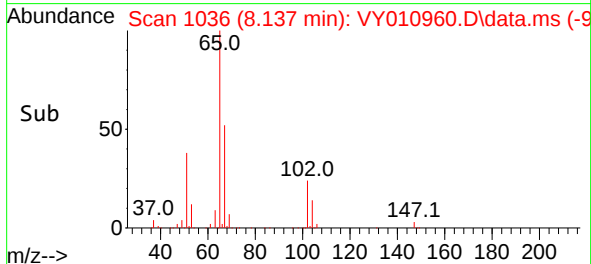
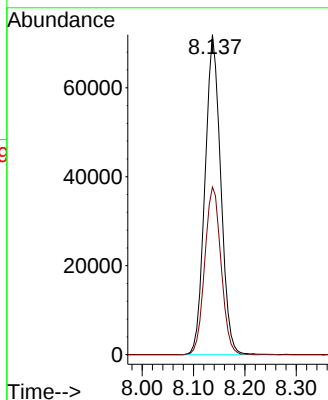
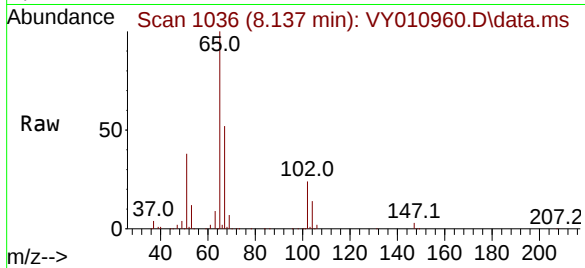




#33
 1,2-Dichloroethane-d4
 Concen: 71.354 ug/l
 RT: 8.137 min Scan# 110
 Delta R.T. -0.005 min
 Lab File: VY010960.D
 Acq: 13 Oct 2022 16:10

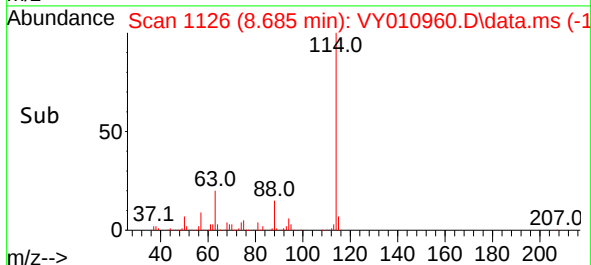
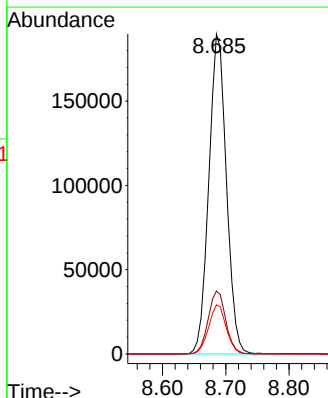
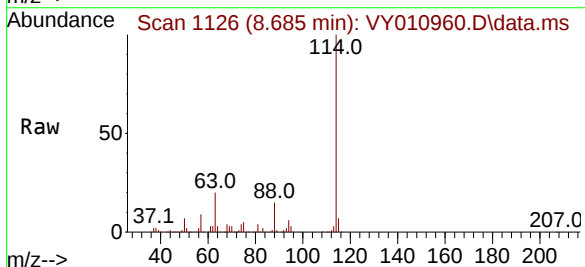
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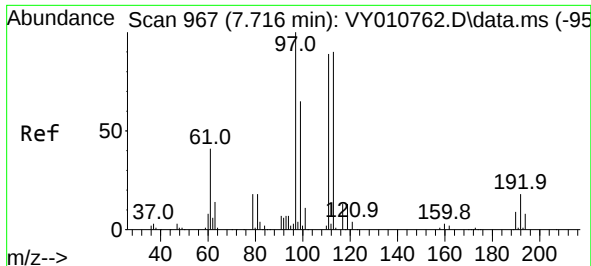
Tgt Ion: 65 Resp: 153232
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY010960.D
 Acq: 13 Oct 2022 16:10

Tgt Ion: 114 Resp: 367381
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.2
 88 15.4 0.0 31.8

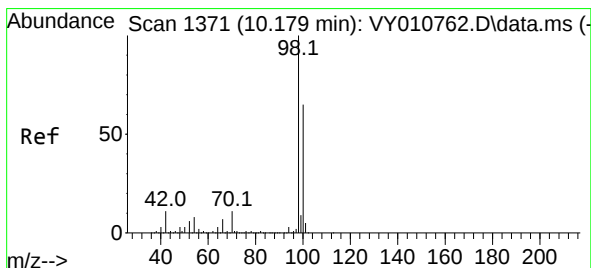
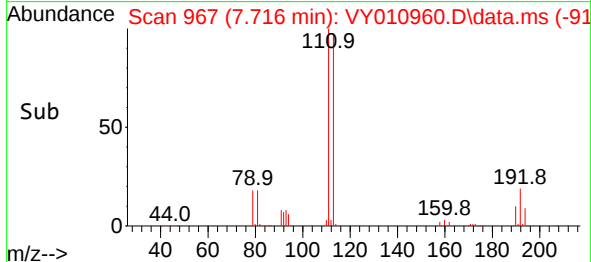
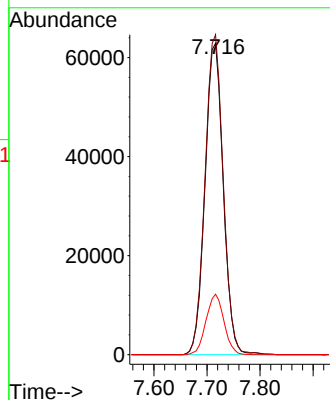
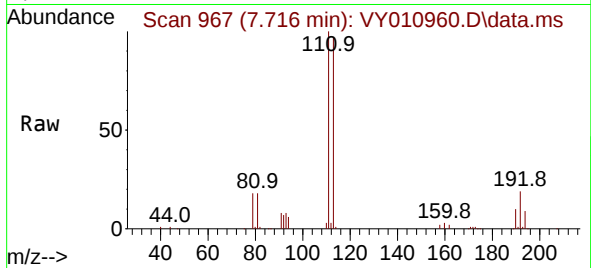




#35
Dibromofluoromethane
Concen: 61.594 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010960.D
Acq: 13 Oct 2022 16:10

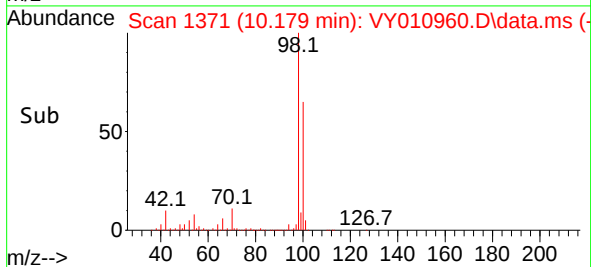
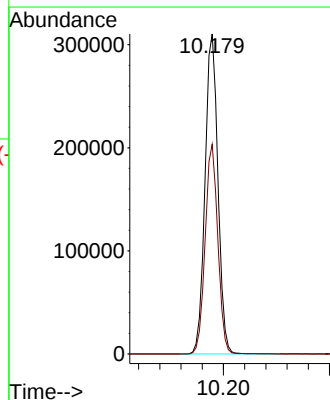
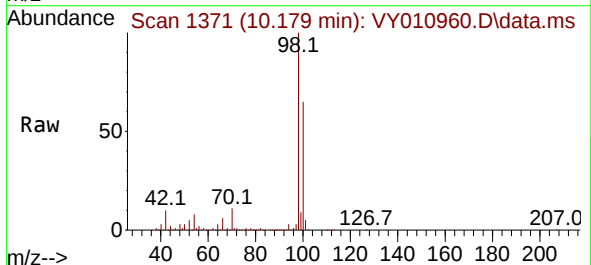
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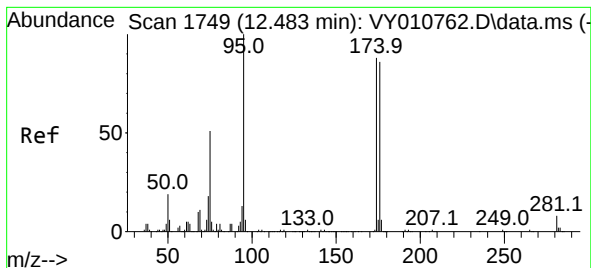
Tgt Ion:113 Resp: 150210
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 62.681 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010960.D
Acq: 13 Oct 2022 16:10

Tgt Ion: 98 Resp: 522766
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

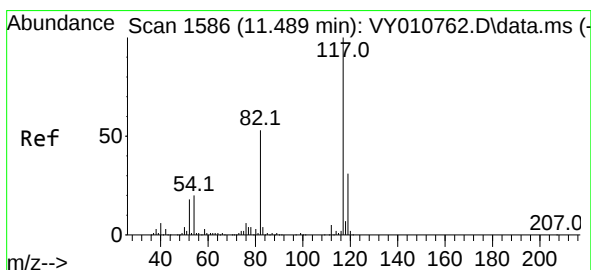
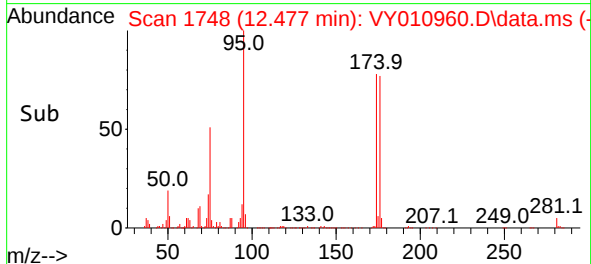
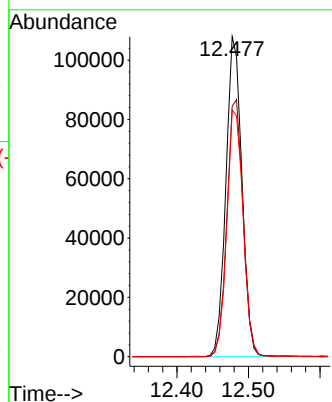
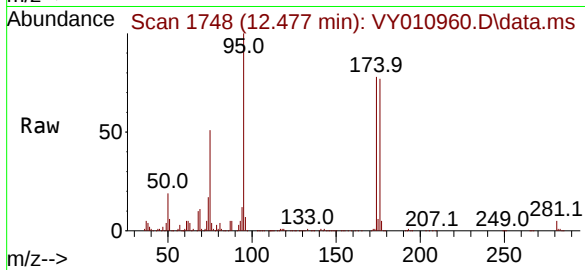




#62
4-Bromofluorobenzene
Concen: 51.559 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010960.D
Acq: 13 Oct 2022 16:10

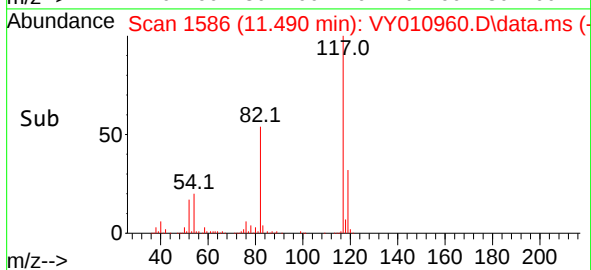
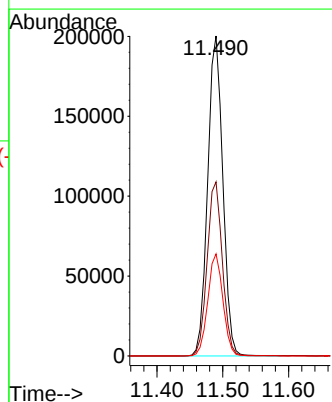
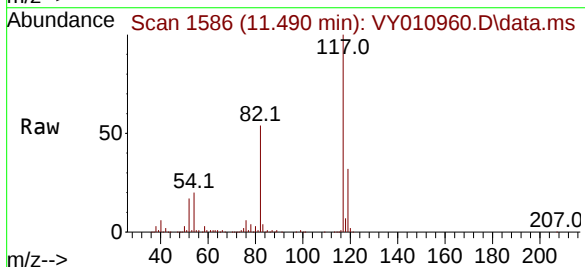
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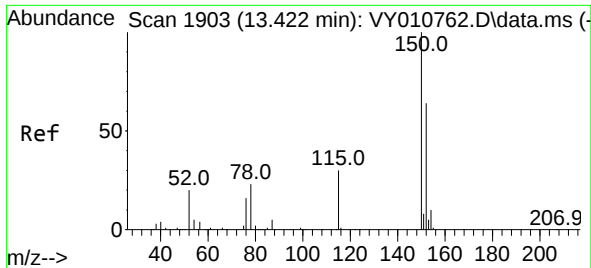
Tgt Ion: 95 Resp: 167623
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 78.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010960.D
Acq: 13 Oct 2022 16:10

Tgt Ion: 117 Resp: 321014
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010960.D

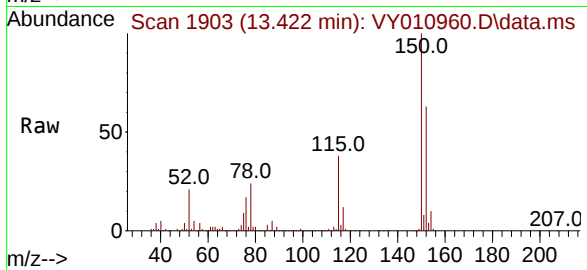
Acq: 13 Oct 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

SU-2-101222



Tgt Ion:152 Resp: 137610

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 160.3 0.0 347.6

