

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010089.D
 Acq On : 18 Aug 2022 17:35
 Operator : KP/MD
 Sample : N4188-07RE
 Misc : 11.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S8RE

Quant Time: Aug 18 19:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

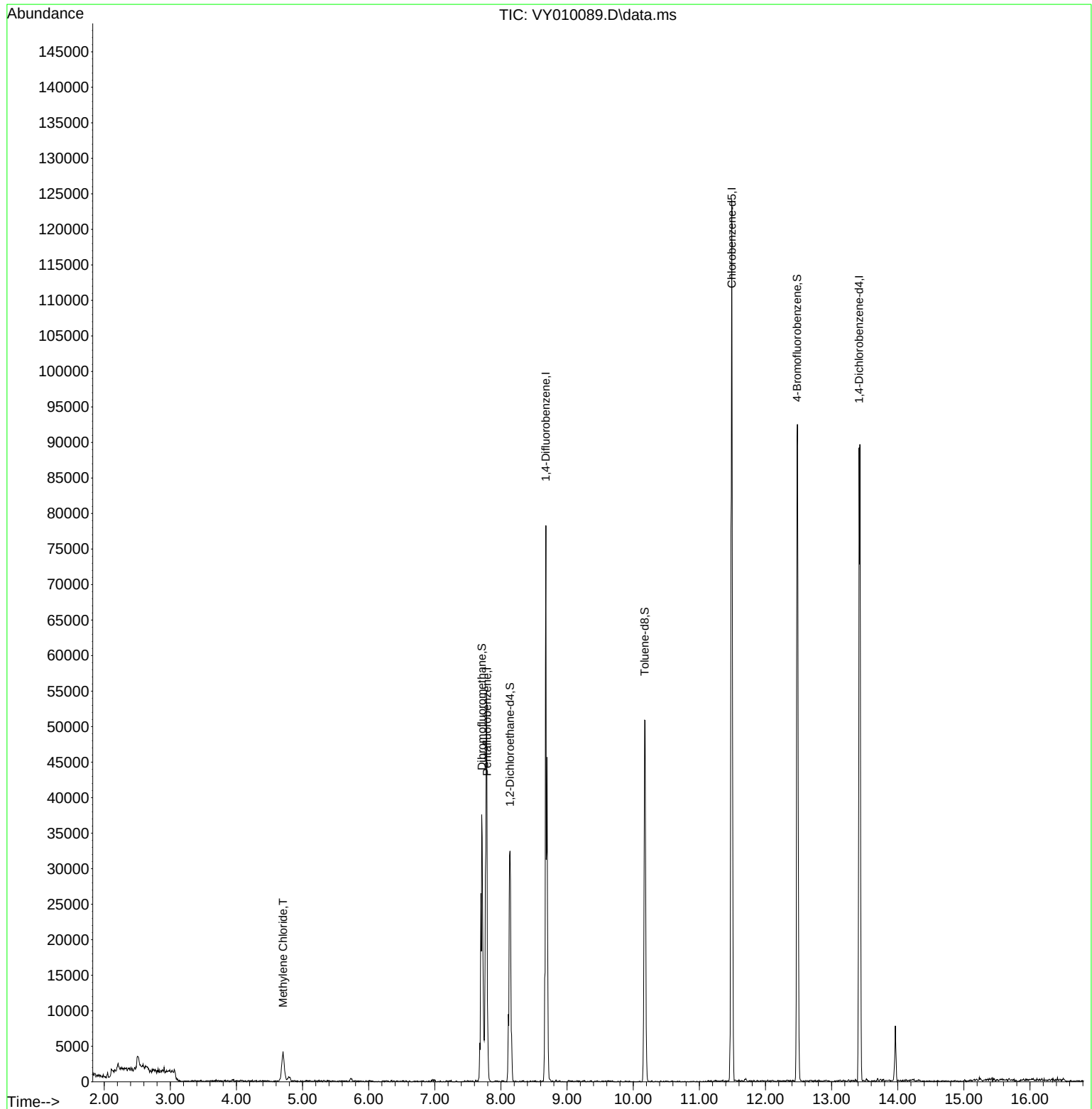
Internal Standards						
1) Pentafluorobenzene	7.789	168	34262	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	36145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	65403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	11099	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	23446	68.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.880%	
35) Dibromofluoromethane	7.710	113	22806	97.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 194.600%#	
50) Toluene-d8	10.173	98	30616	35.304	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 70.600%	
62) 4-Bromofluorobenzene	12.477	95	23602	77.486	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 154.980%#	
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	3089	6.144	ug/l	95

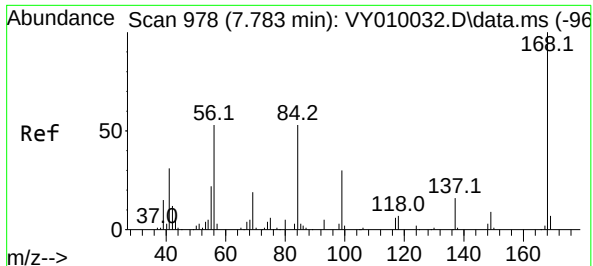
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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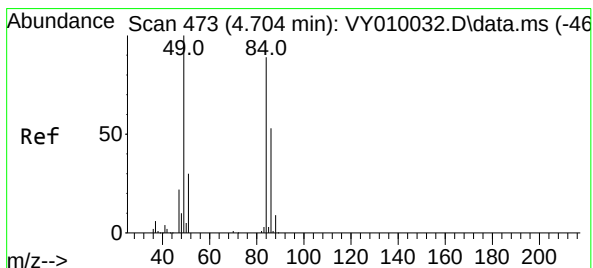
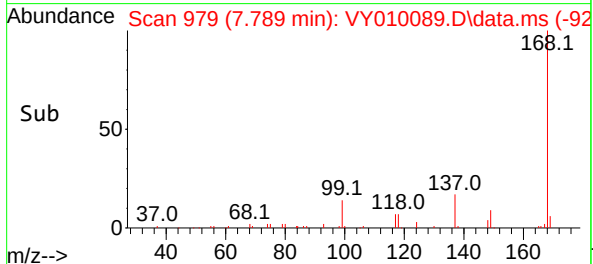
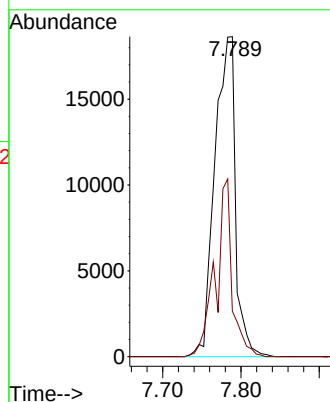
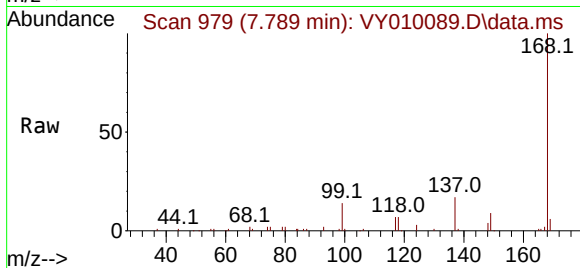




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

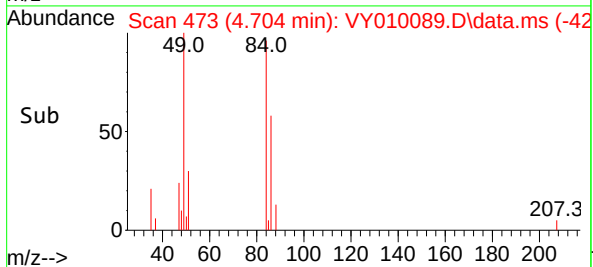
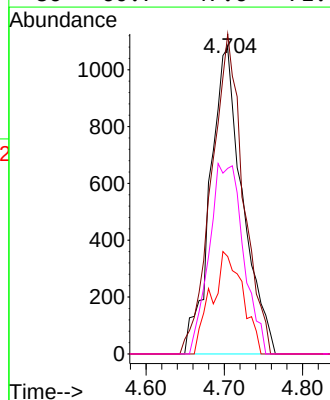
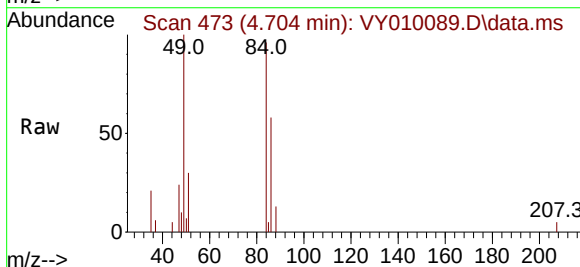
Instrument :
MSVOA_Y
ClientSampleId :
S8RE

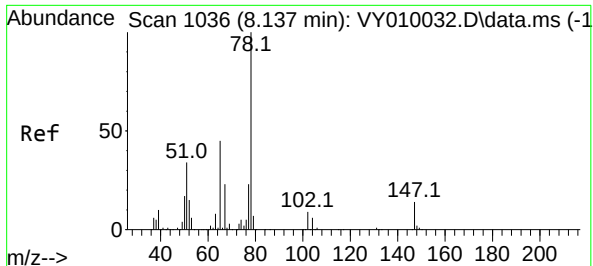
Tgt Ion:168 Resp: 34262
Ion Ratio Lower Upper
168 100
99 14.2 37.7 56.5#



#20
Methylene Chloride
Concen: 6.144 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

Tgt Ion: 84 Resp: 3089
Ion Ratio Lower Upper
84 100
49 104.6 89.5 134.3
51 31.9 26.8 40.2
86 60.7 47.6 71.4





#33

1,2-Dichloroethane-d4

Concen: 68.441 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY010089.D

Acq: 18 Aug 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

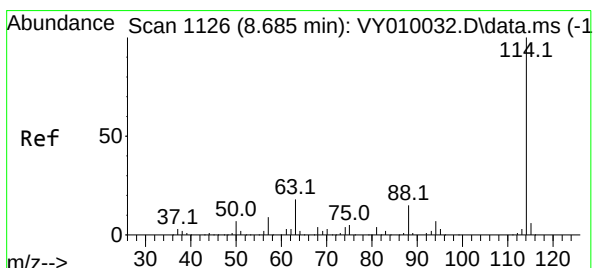
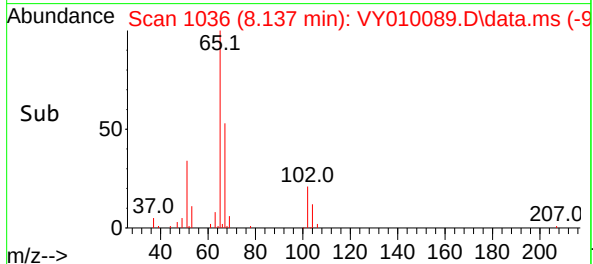
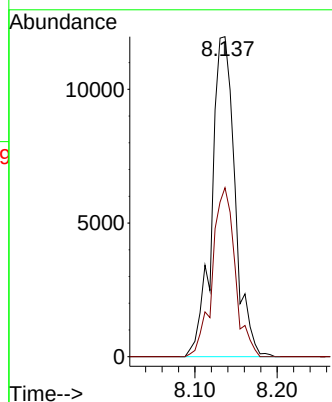
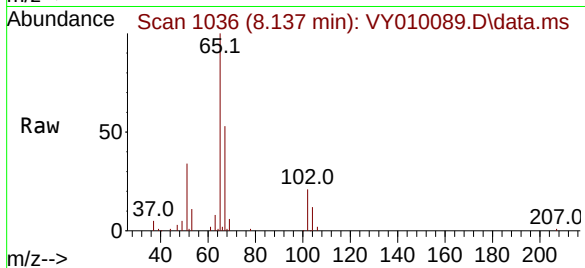
S8RE

Tgt Ion: 65 Resp: 23446

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY010089.D

Acq: 18 Aug 2022 17:35

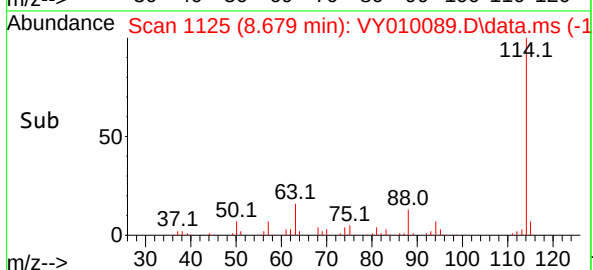
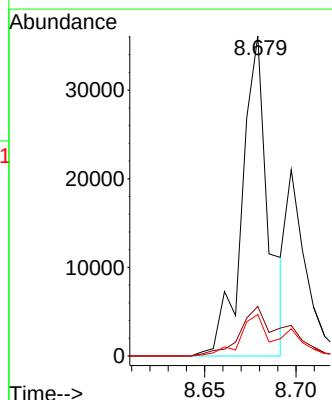
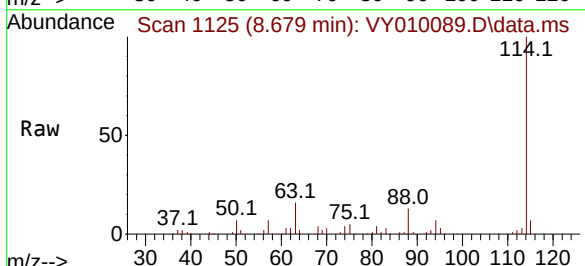
Tgt Ion: 114 Resp: 36145

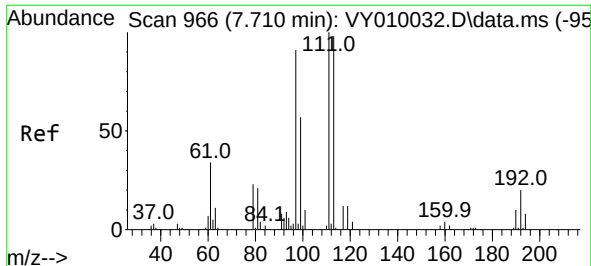
Ion Ratio Lower Upper

114 100

63 15.5 0.0 35.2

88 12.9 0.0 30.2

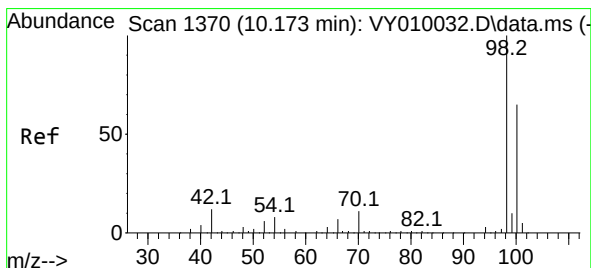
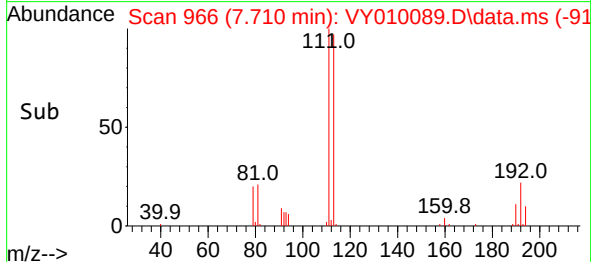
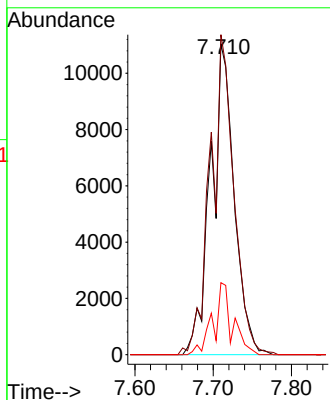
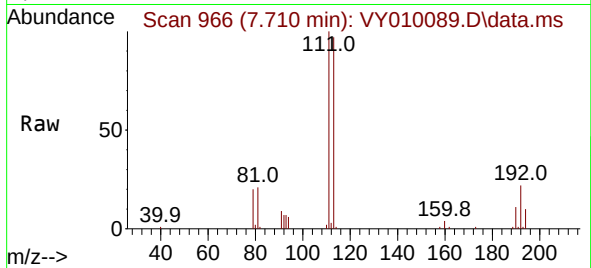




#35
 Dibromofluoromethane
 Concen: 97.295 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY010089.D
 Acq: 18 Aug 2022 17:35

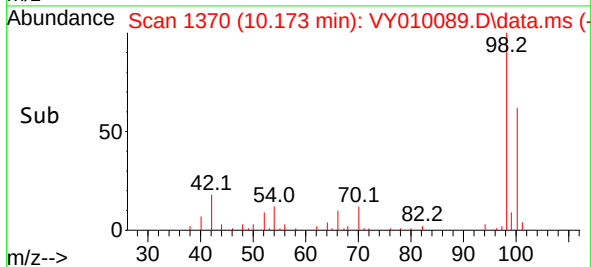
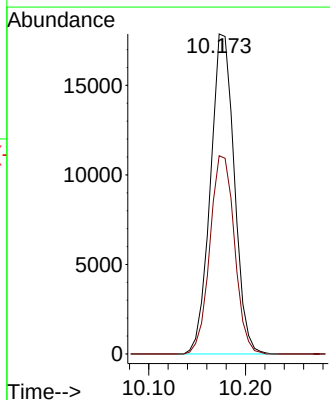
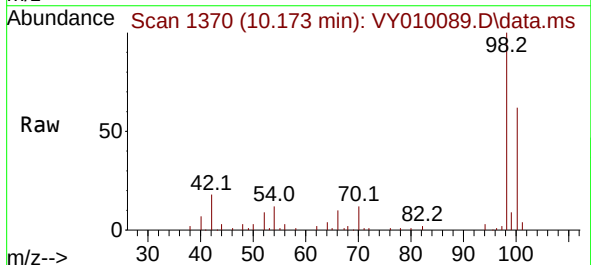
Instrument :
 MSVOA_Y
 ClientSampleId :
 S8RE

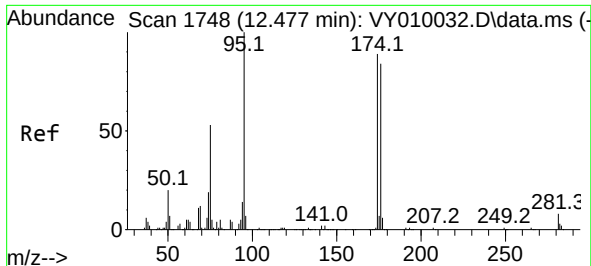
Tgt Ion:113	Resp:	22806
Ion	Ratio	Lower Upper
113	100	
111	102.7	82.7 124.1
192	18.8	17.2 25.8



#50
 Toluene-d8
 Concen: 35.304 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY010089.D
 Acq: 18 Aug 2022 17:35

Tgt Ion: 98	Resp:	30616
Ion	Ratio	Lower Upper
98	100	
100	63.7	52.1 78.1





#62

4-Bromofluorobenzene

Concen: 77.486 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010089.D

Acq: 18 Aug 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

S8RE

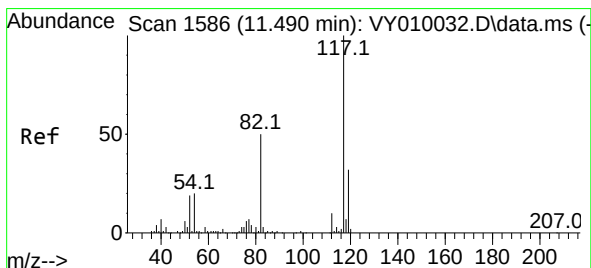
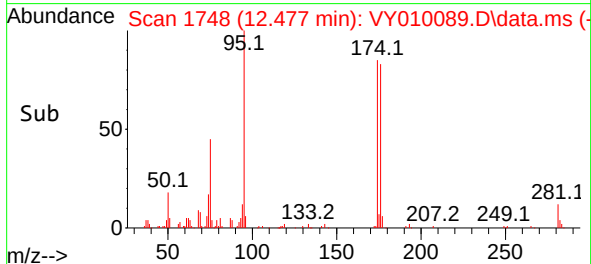
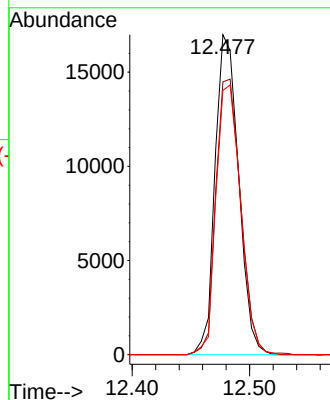
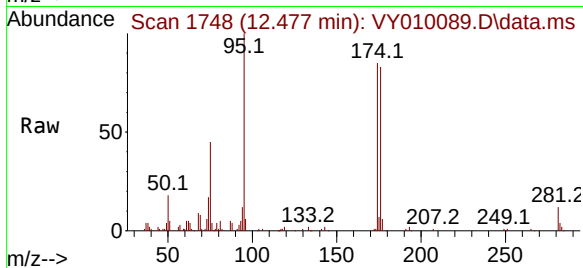
Tgt Ion: 95 Resp: 23602

Ion Ratio Lower Upper

95 100

174 90.9 0.0 184.2

176 88.5 0.0 178.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY010089.D

Acq: 18 Aug 2022 17:35

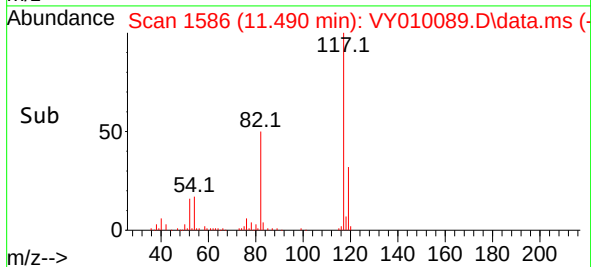
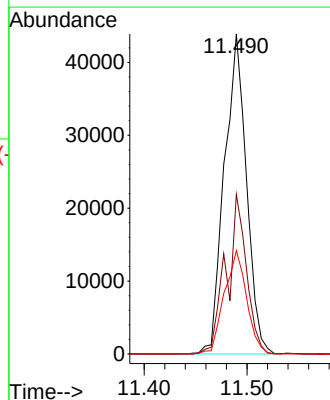
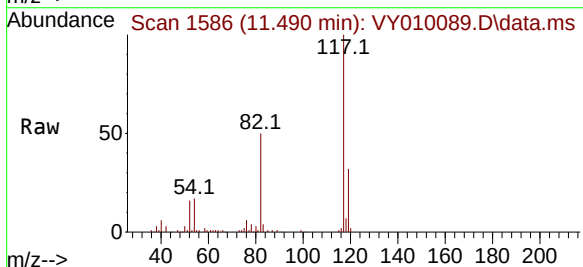
Tgt Ion: 117 Resp: 65403

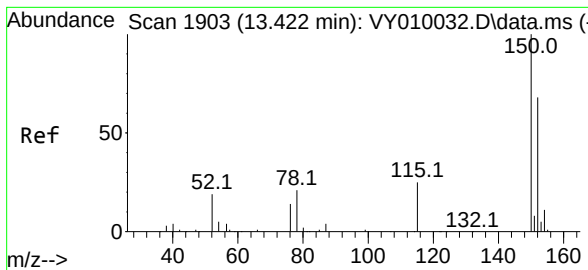
Ion Ratio Lower Upper

117 100

82 49.8 39.8 59.6

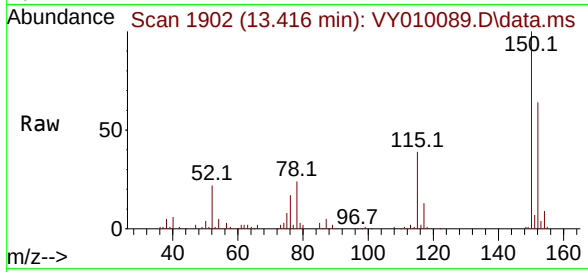
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.416 min Scan# 1902
 Delta R.T. -0.006 min
 Lab File: VY010089.D
 Acq: 18 Aug 2022 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 S8RE



Tgt Ion:	152	Resp:	11099
Ion	Ratio	Lower	Upper
152	100		
115	158.4	28.1	84.3#
150	159.8	0.0	346.6

