

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009838.D
 Acq On : 04 Aug 2022 17:32
 Operator : KP/MD
 Sample : N4009-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-080222

Quant Time: Aug 05 01:44:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

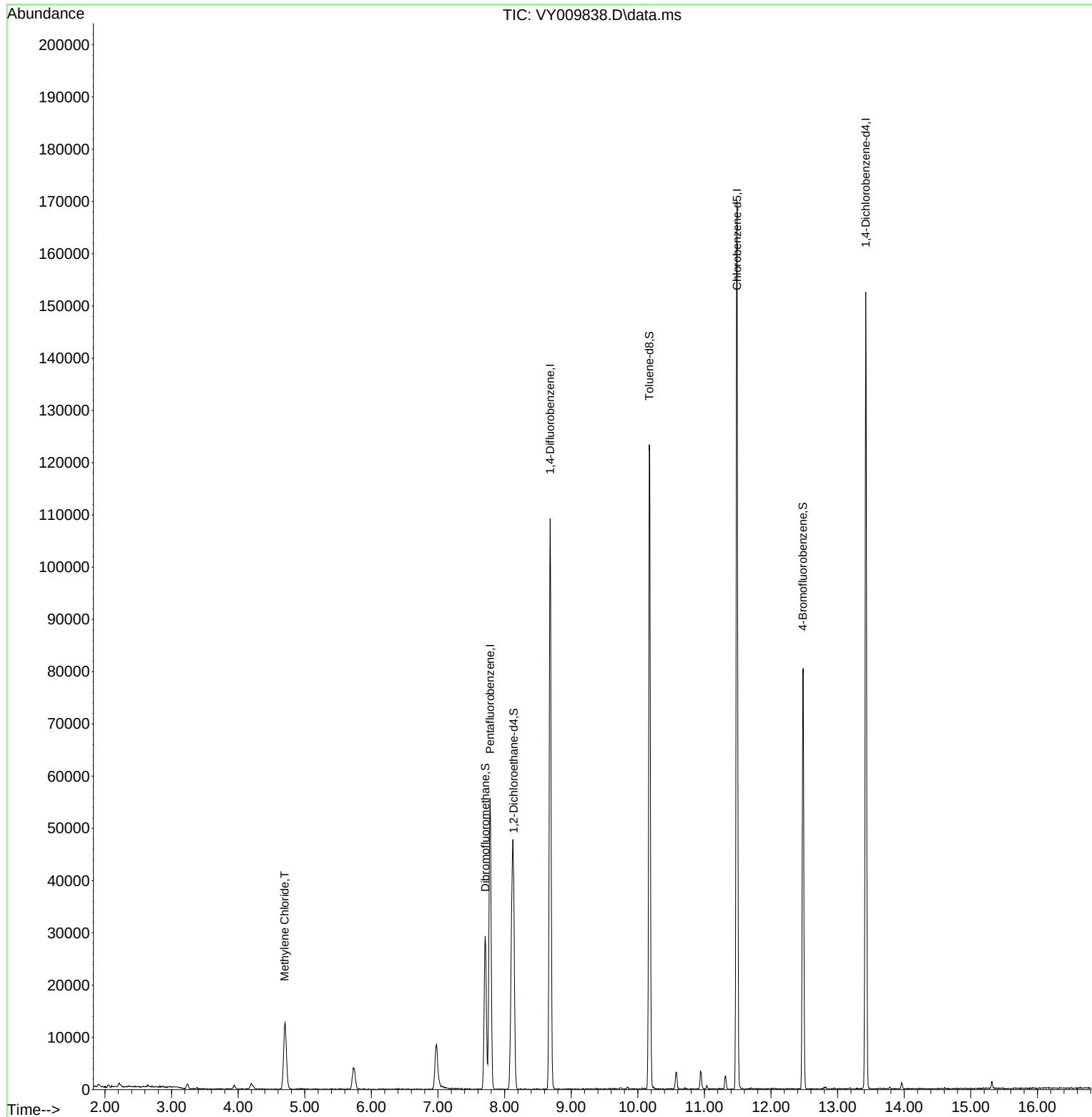
Internal Standards						
1) Pentafluorobenzene	7.783	168	43693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	89551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	88250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22809	65.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.740%
35) Dibromofluoromethane	7.710	113	20343	37.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.520%
50) Toluene-d8	10.173	98	78678	48.936	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.477	95	22615	30.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	61.180%
Target Compounds						Qvalue
20) Methylene Chloride	4.698	84	8997	9.317	ug/l	93

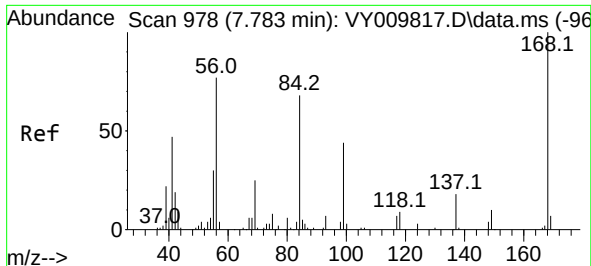
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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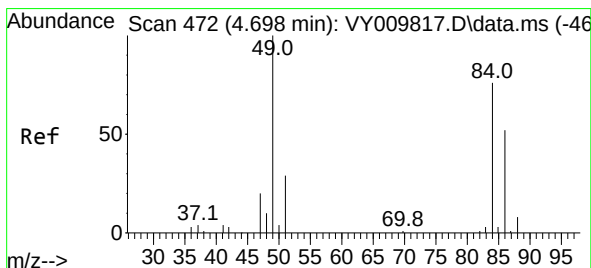
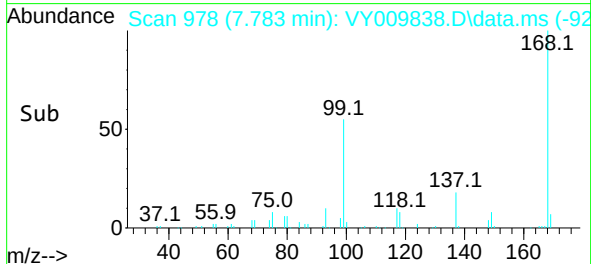
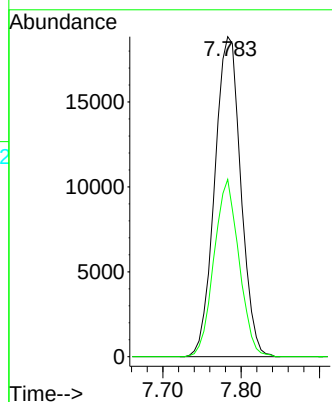
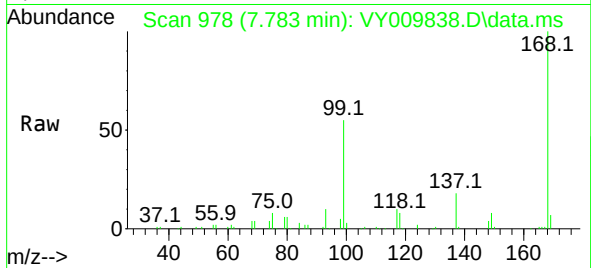




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

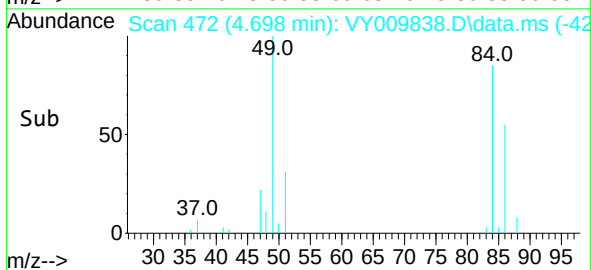
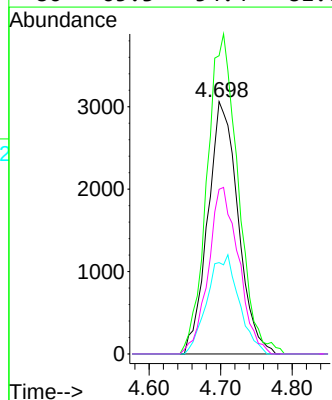
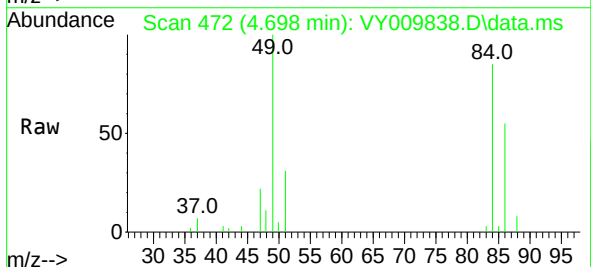
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-080222

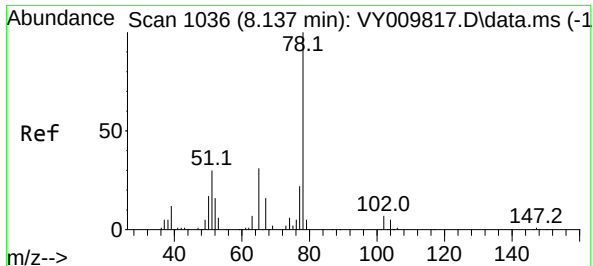
Tgt Ion:168 Resp: 43693
Ion Ratio Lower Upper
168 100
99 55.4 44.7 67.1



#20
Methylene Chloride
Concen: 9.317 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

Tgt Ion: 84 Resp: 8997
Ion Ratio Lower Upper
84 100
49 118.2 104.6 156.8
51 36.2 30.9 46.3
86 65.3 54.4 81.6





#33

1,2-Dichloroethane-d4

Concen: 65.368 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY009838.D

Acq: 04 Aug 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

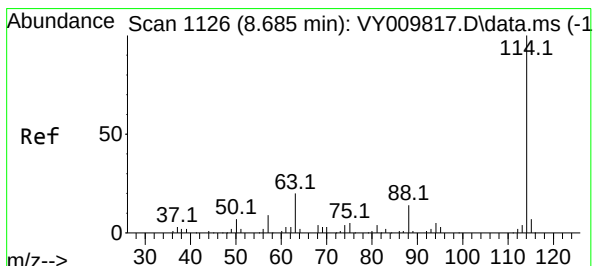
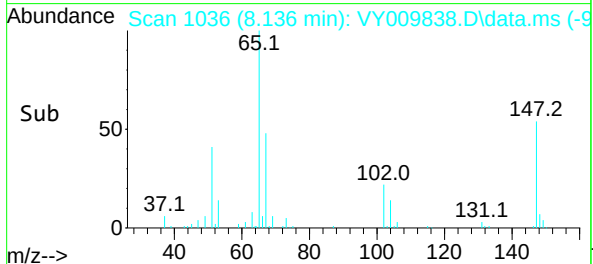
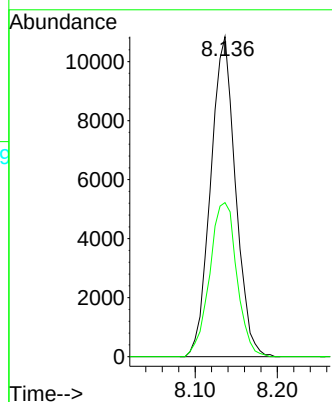
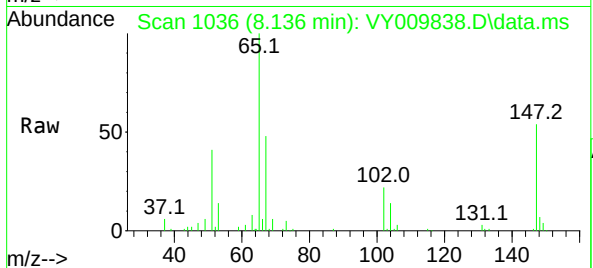
TR-05-080222

Tgt Ion: 65 Resp: 22809

Ion Ratio Lower Upper

65 100

67 52.6 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009838.D

Acq: 04 Aug 2022 17:32

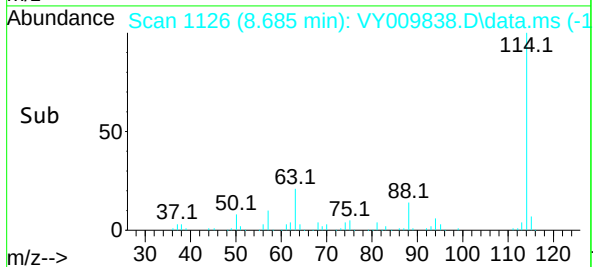
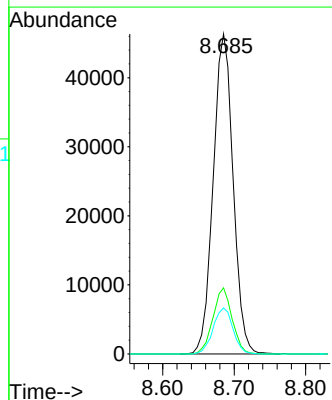
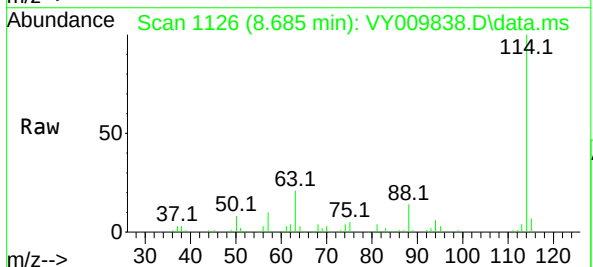
Tgt Ion: 114 Resp: 89551

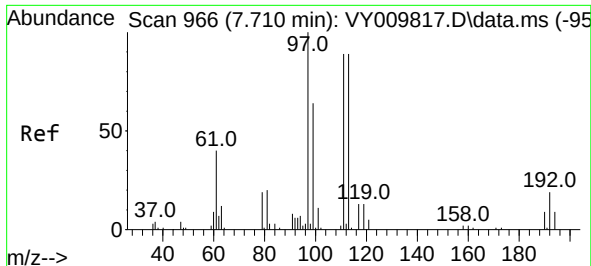
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 14.4 0.0 27.6

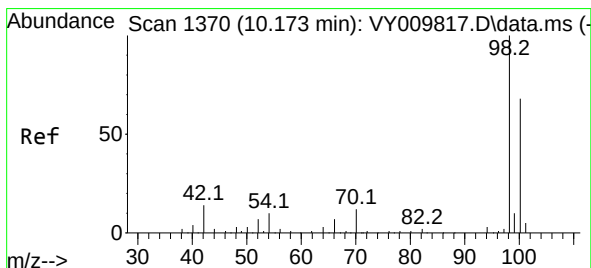
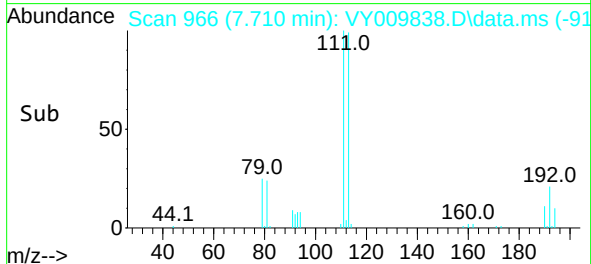
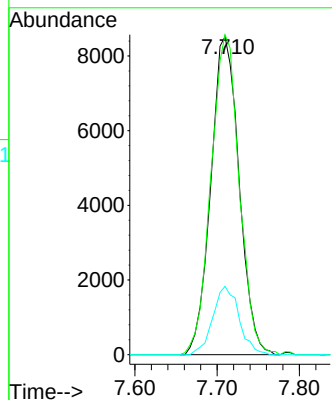
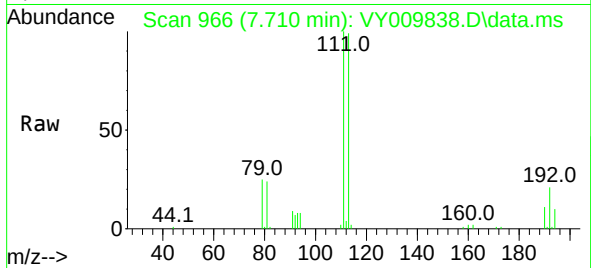




#35
Dibromofluoromethane
Concen: 37.258 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

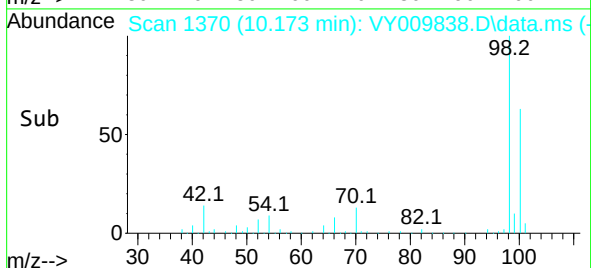
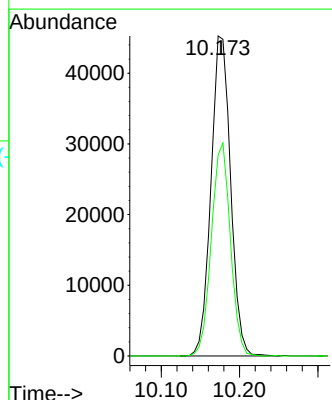
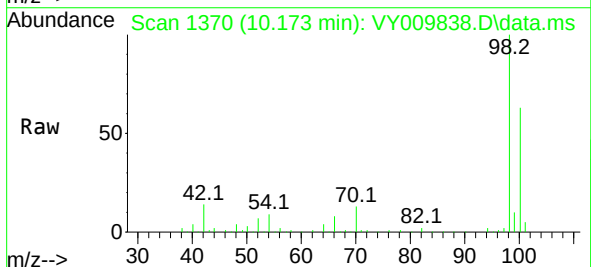
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-080222

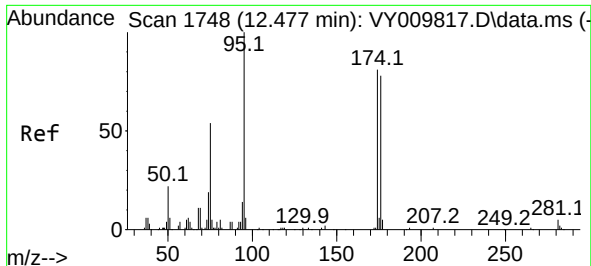
Tgt Ion:113 Resp: 20343
Ion Ratio Lower Upper
113 100
111 100.7 82.4 123.6
192 20.0 16.5 24.7



#50
Toluene-d8
Concen: 48.936 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

Tgt Ion: 98 Resp: 78678
Ion Ratio Lower Upper
98 100
100 64.5 53.4 80.2

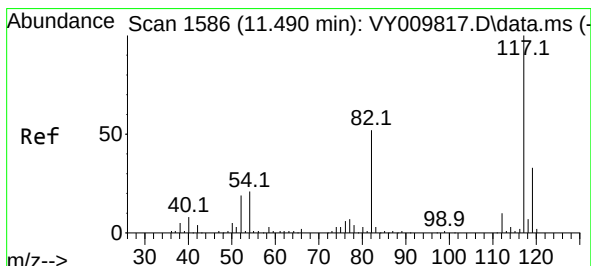
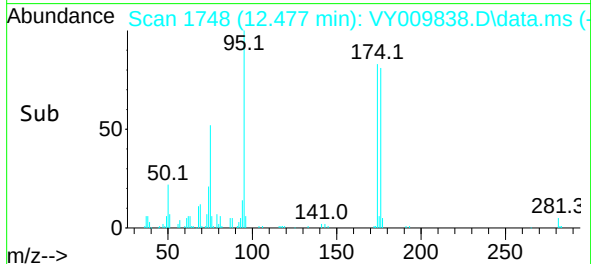
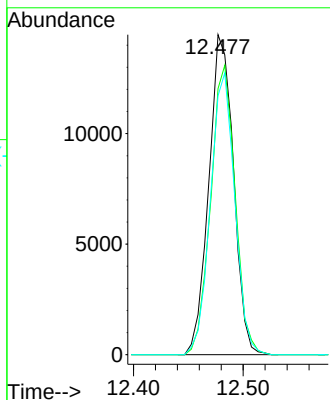
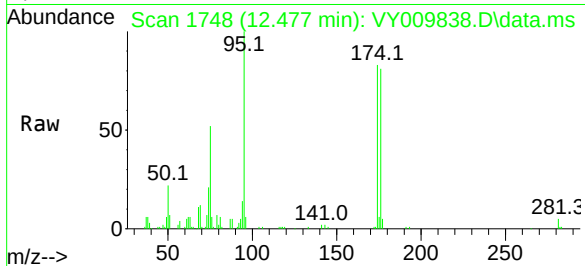




#62
4-Bromofluorobenzene
Concen: 30.587 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

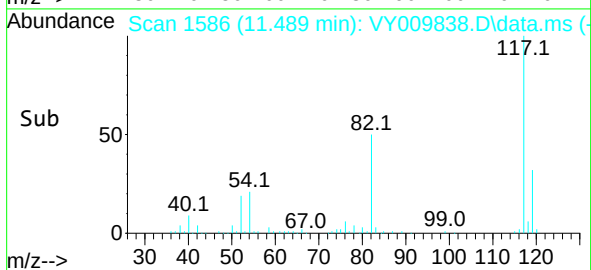
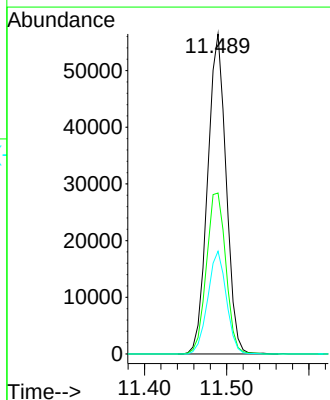
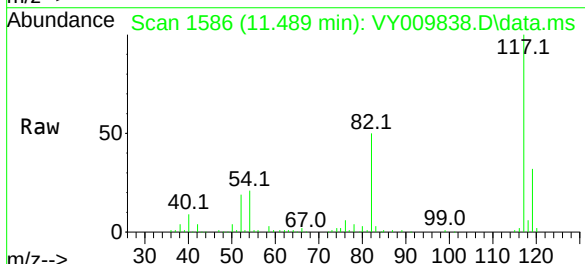
Instrument :
MSVOA_Y
ClientSampleId :
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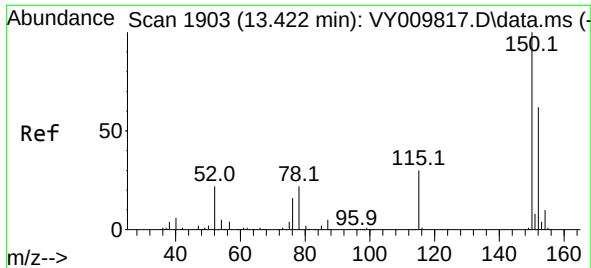
Tgt Ion:	95	Resp:	22615
Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	168.6
176	86.8	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

Tgt Ion:	117	Resp:	88250
Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.7	62.5
119	32.1	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009838.D

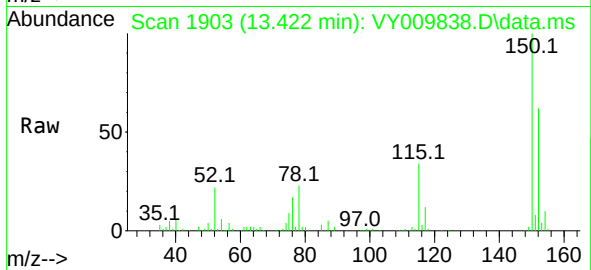
Acq: 04 Aug 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-080222



Tgt Ion:152 Resp: 38042

Ion Ratio Lower Upper

152 100

115 55.1 28.9 86.7

150 155.5 0.0 354.2

