

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039205.D
 Acq On : 14 Dec 2023 14:02
 Operator : JC/MD
 Sample : 05829-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK-1

Quant Time: Dec 15 03:00:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

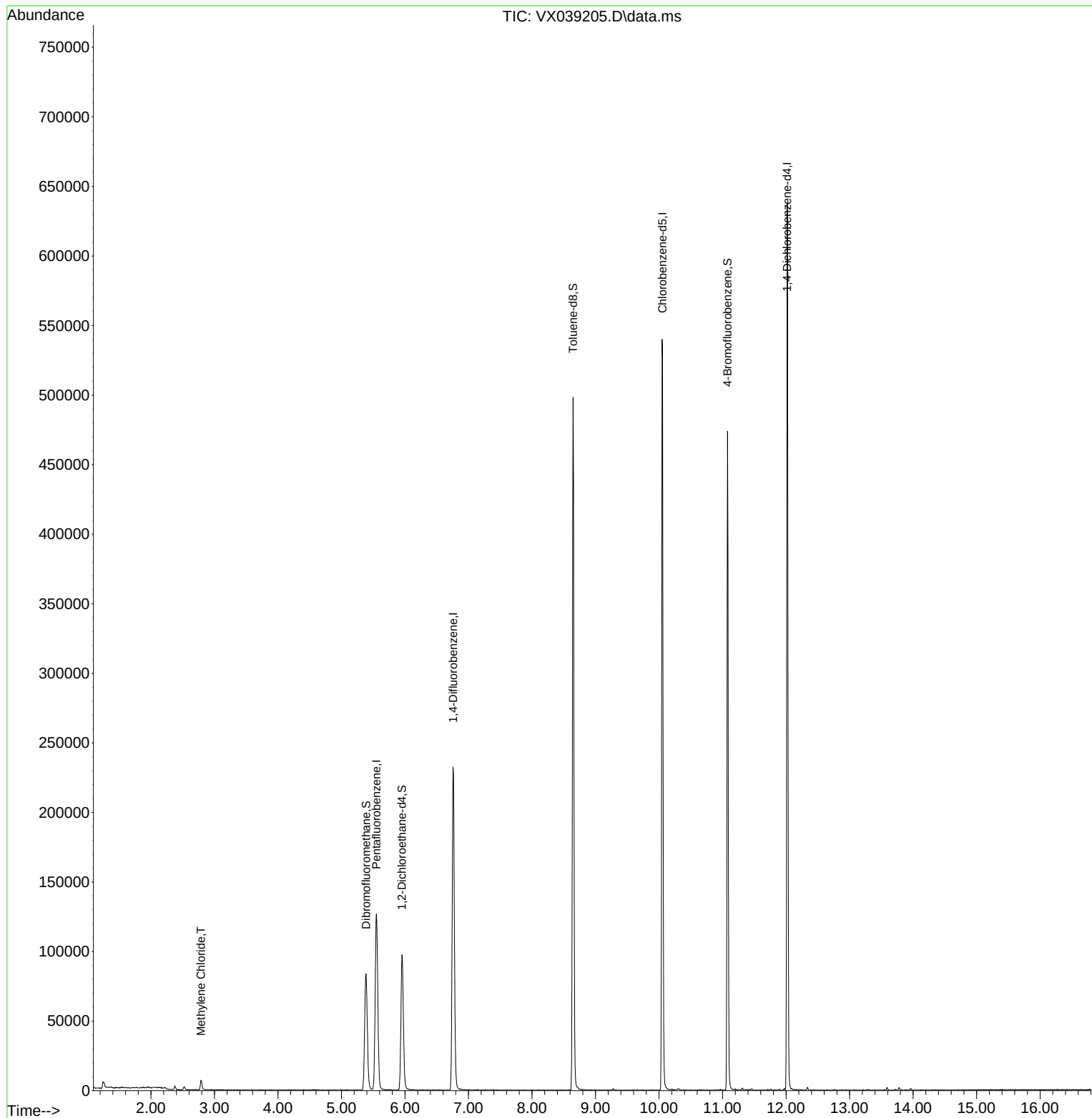
Internal Standards						
1) Pentafluorobenzene	5.550	168	108170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95936	48.413	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.820%
35) Dibromofluoromethane	5.385	113	74062	47.321	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	8.647	98	288211	49.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	131062	54.668	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.340%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	3411	2.065	ug/l	85

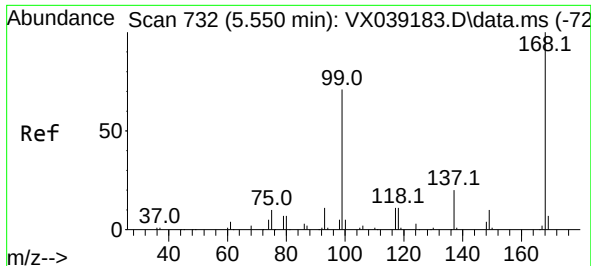
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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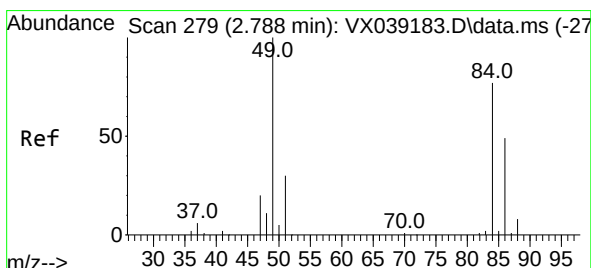
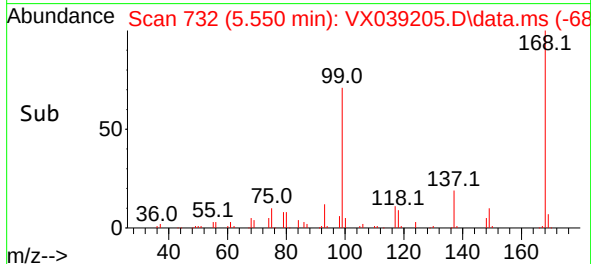
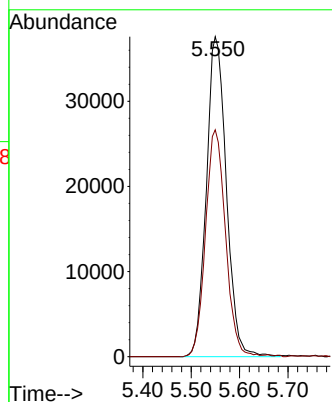
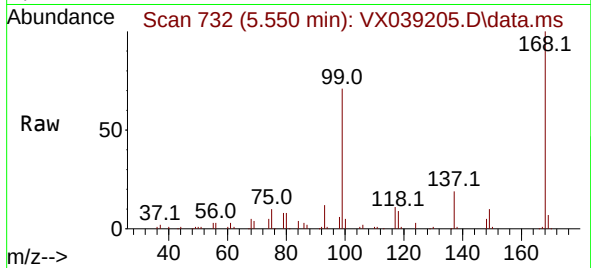




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

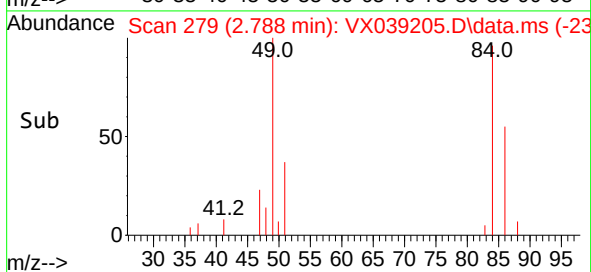
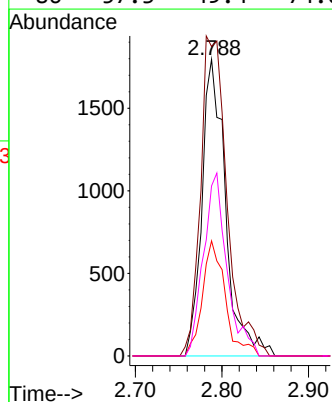
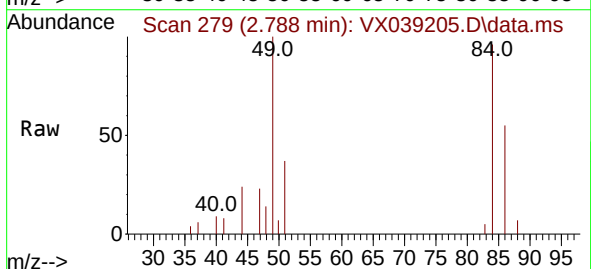
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK-1

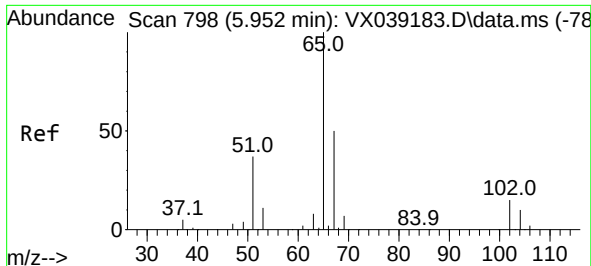
Tgt Ion:168 Resp: 108170
Ion Ratio Lower Upper
168 100
99 70.9 56.6 85.0



#20
Methylene Chloride
Concen: 2.065 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

Tgt Ion: 84 Resp: 3411
Ion Ratio Lower Upper
84 100
49 104.3 103.6 155.4
51 38.8 33.8 50.6
86 57.3 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 48.413 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039205.D

Acq: 14 Dec 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

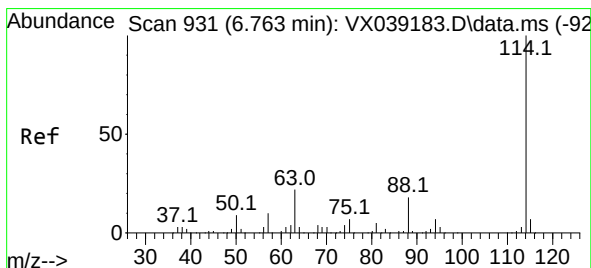
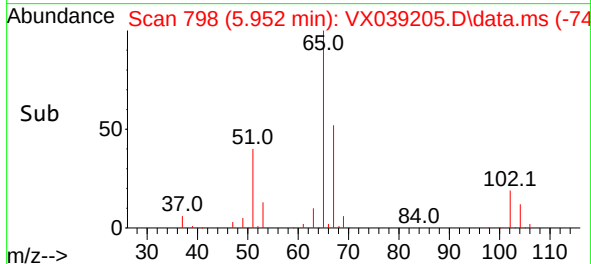
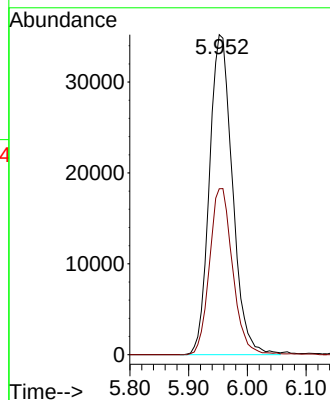
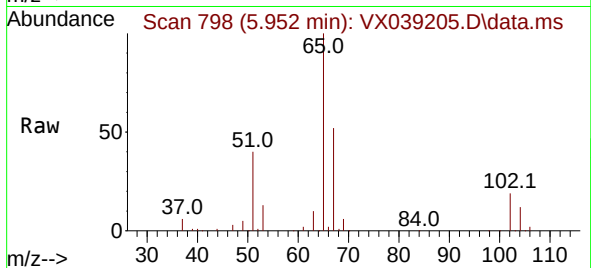
FIELD-BLANK-1

Tgt Ion: 65 Resp: 95936

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039205.D

Acq: 14 Dec 2023 14:02

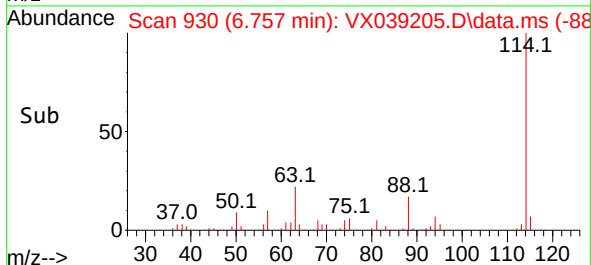
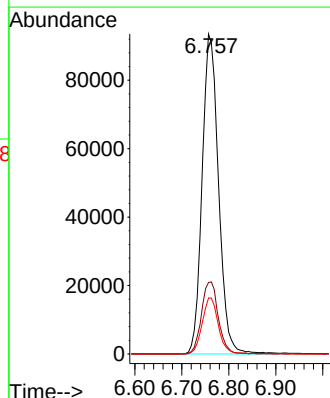
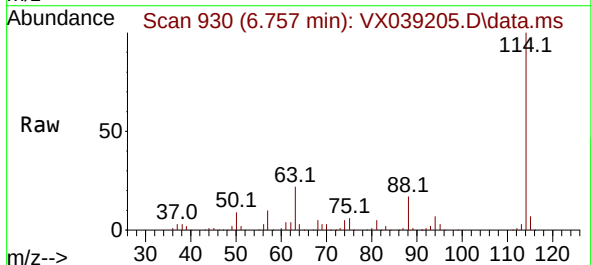
Tgt Ion: 114 Resp: 226549

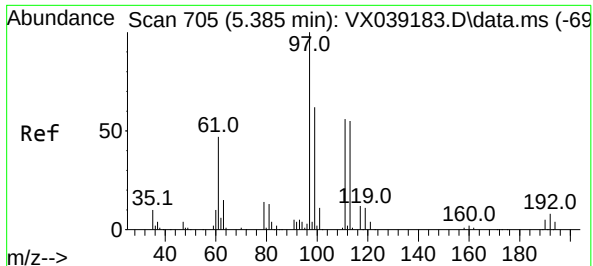
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 17.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.321 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039205.D

Acq: 14 Dec 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK-1

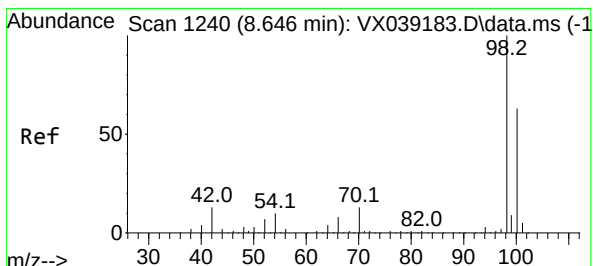
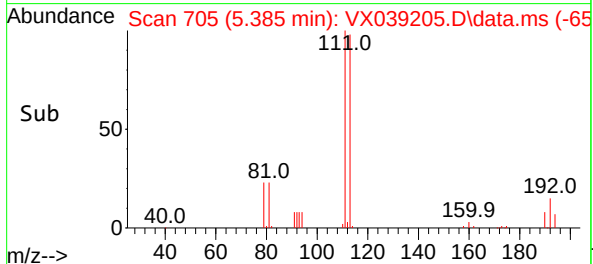
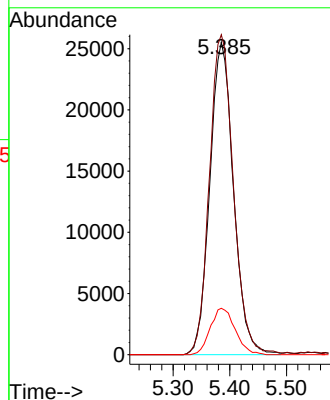
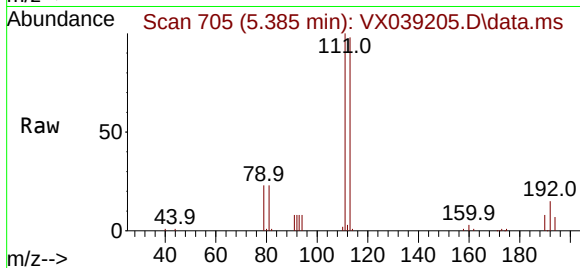
Tgt Ion:113 Resp: 74062

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

192 15.6 13.3 19.9



#50

Toluene-d8

Concen: 49.602 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039205.D

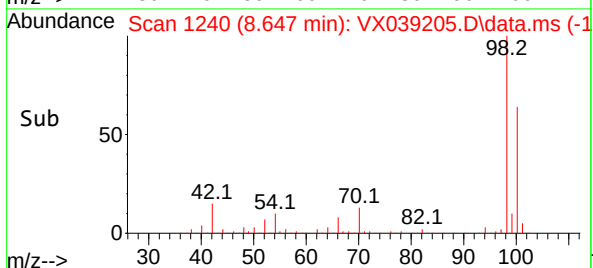
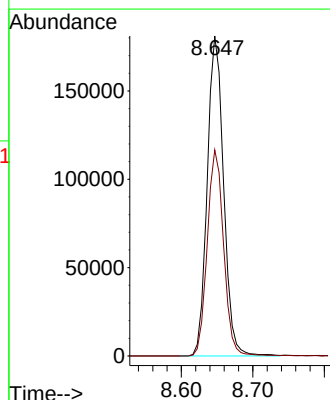
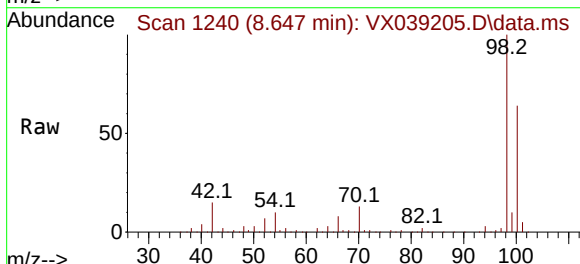
Acq: 14 Dec 2023 14:02

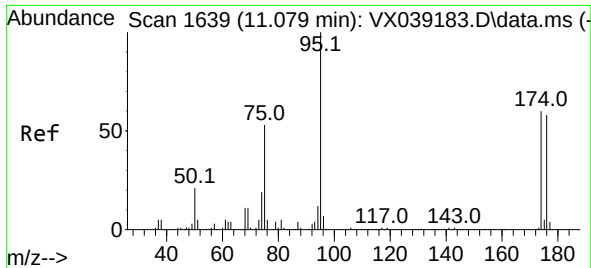
Tgt Ion: 98 Resp: 288211

Ion Ratio Lower Upper

98 100

100 64.3 53.1 79.7

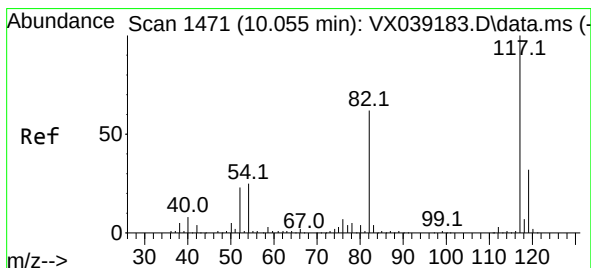
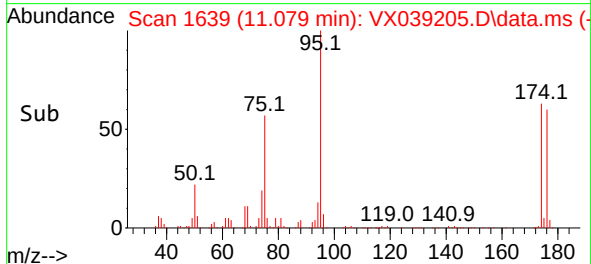
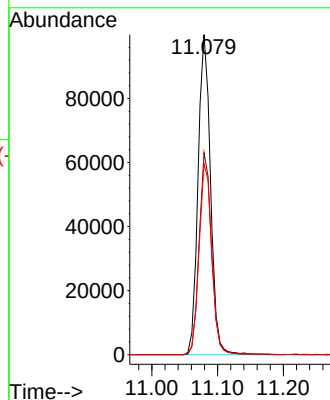
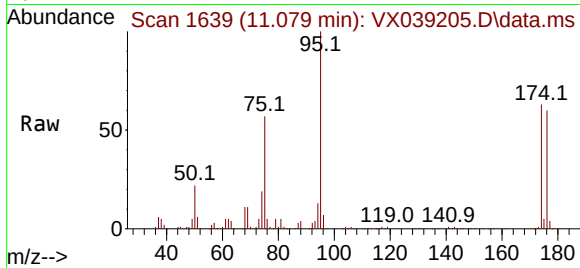




#62
4-Bromofluorobenzene
Concen: 54.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

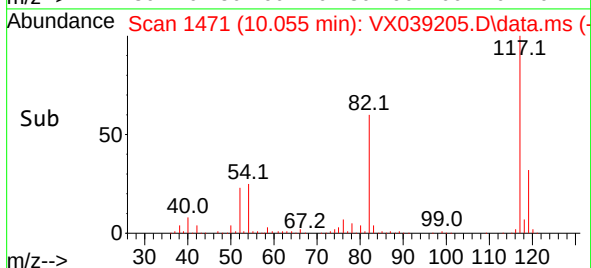
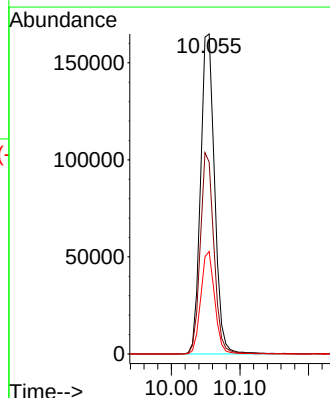
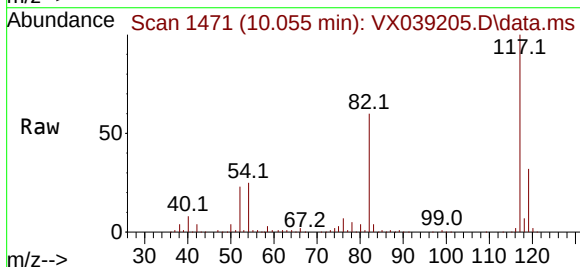
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK-1

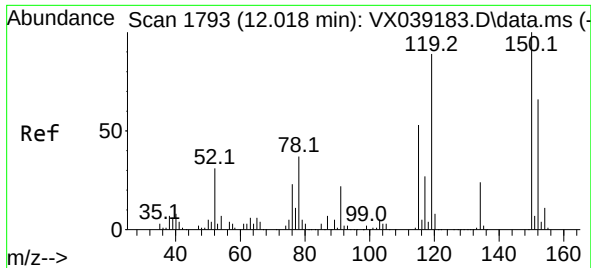
Tgt Ion: 95 Resp: 131062
Ion Ratio Lower Upper
95 100
174 62.9 0.0 135.6
176 60.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

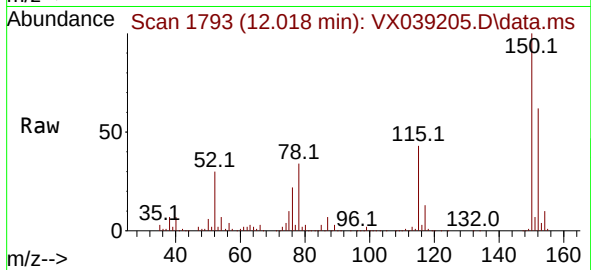
Tgt Ion: 117 Resp: 235430
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 32.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039205.D
 Acq: 14 Dec 2023 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK-1



Tgt Ion:152	Resp:	117980	
Ion	Ratio	Lower	Upper
152	100		
115	67.2	43.3	129.9
150	159.4	0.0	345.0

