

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034785.D
 Acq On : 28 Mar 2023 11:37
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 28 15:18:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

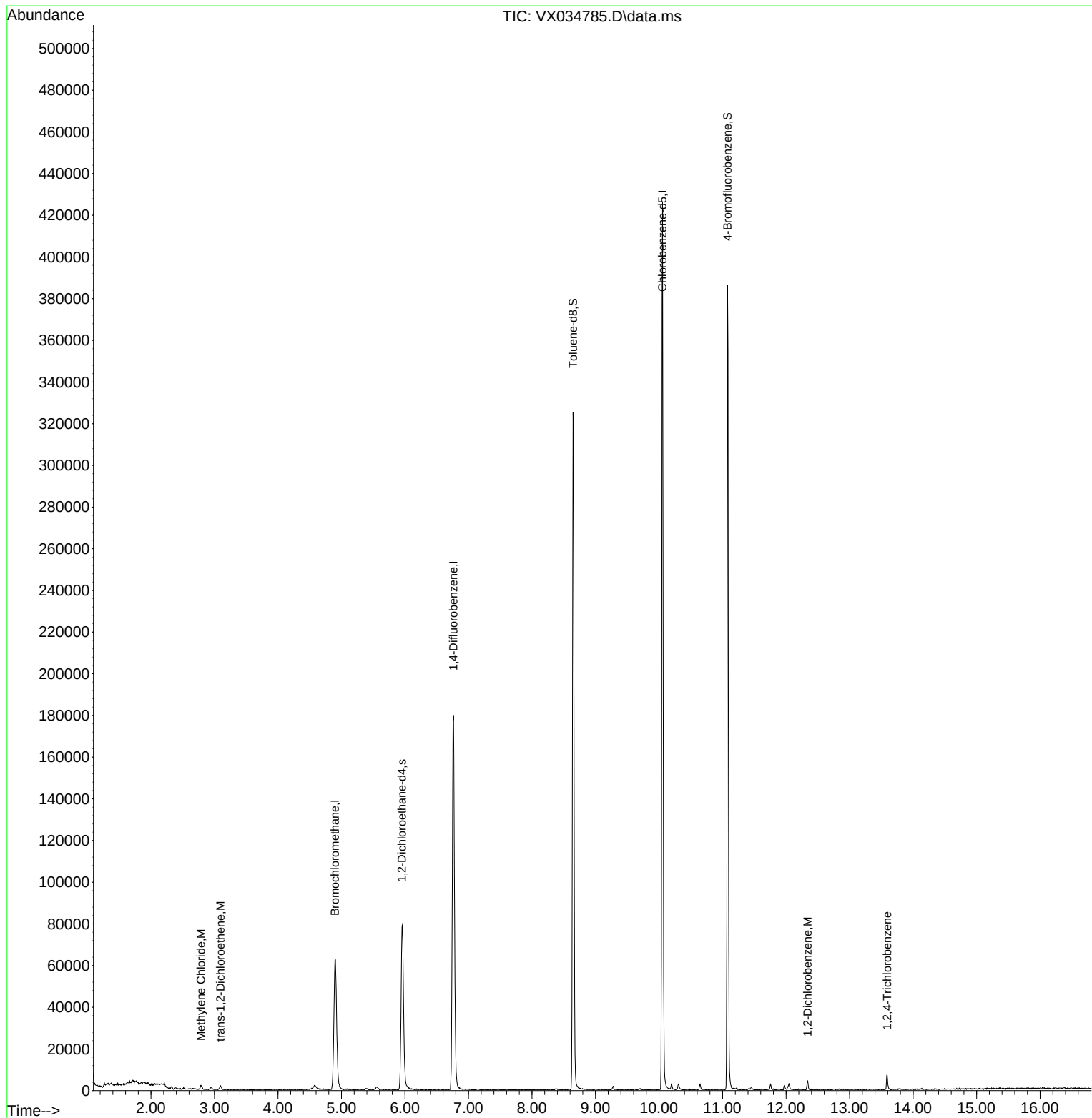
Internal Standards						
1) Bromochloromethane	4.897	128	25492	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	179658	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	186982	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	76533	31.246	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.167%
60) 4-Bromofluorobenzene	11.079	95	102262	27.371	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.233%
63) Toluene-d8	8.647	98	193050	30.381	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.267%
Target Compounds						
					Qvalue	
18) Methylene Chloride	2.788	84	963	0.323	ug/l	93
19) trans-1,2-Dichloroethene	3.093	96	857	0.310	ug/l	84
87) 1,2-Dichlorobenzene	12.341	146	1496	0.254	ug/l	88
89) 1,2,4-Trichlorobenzene	13.591	180	1981	0.561	ug/l #	96

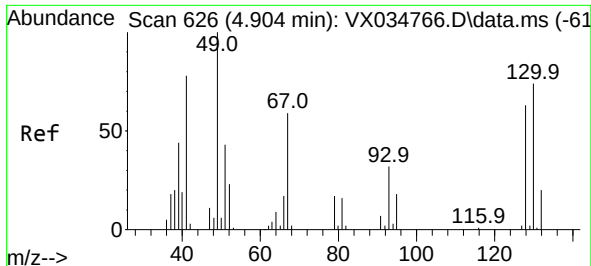
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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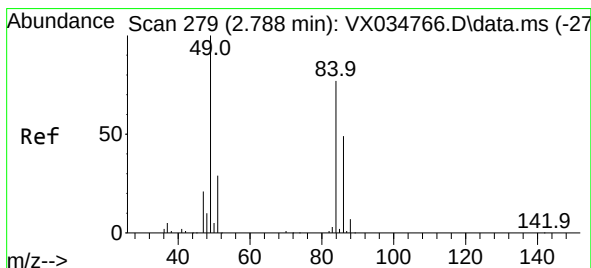
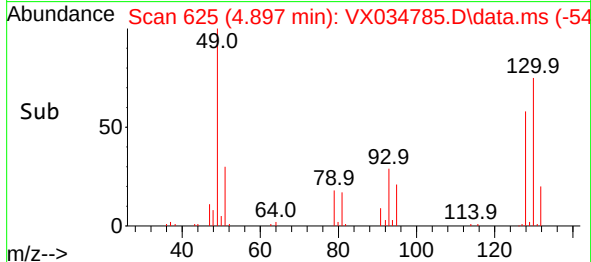
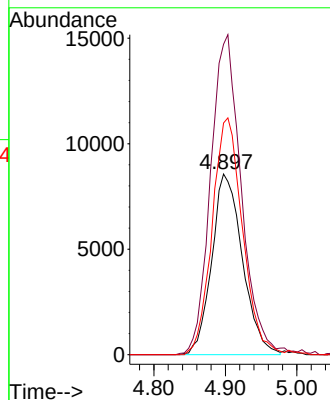
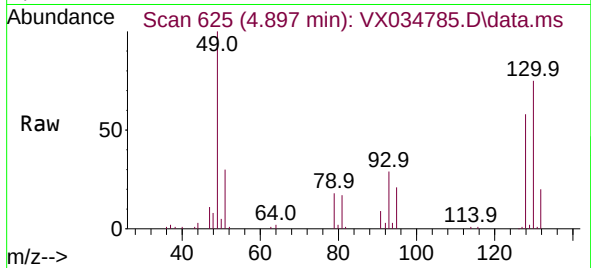




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX034785.D
Acq: 28 Mar 2023 11:37

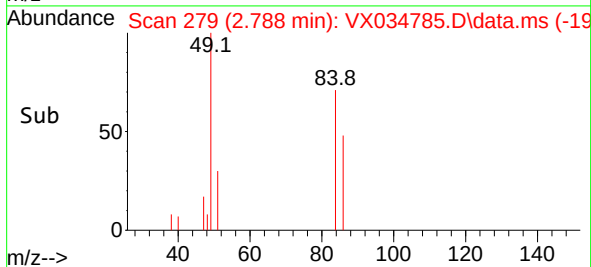
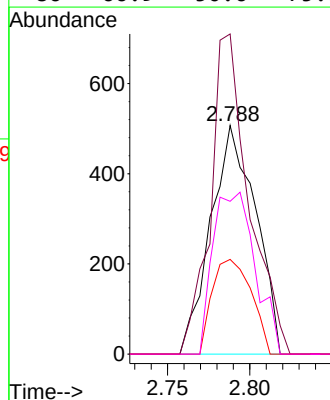
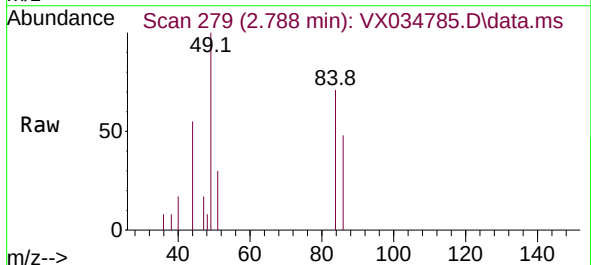
Instrument :
MSVOA_X
ClientSampleId :
IBLK

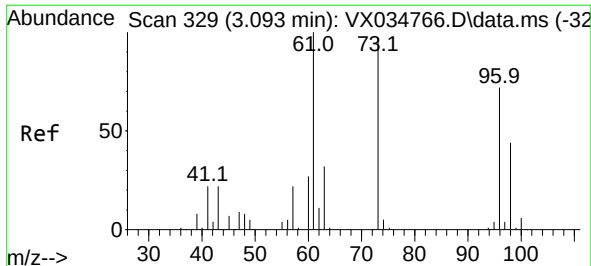
Tgt Ion:128 Resp: 25492
Ion Ratio Lower Upper
128 100
49 175.9 0.0 428.8
130 129.8 0.0 310.8



#18
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034785.D
Acq: 28 Mar 2023 11:37

Tgt Ion: 84 Resp: 963
Ion Ratio Lower Upper
84 100
49 140.0 103.9 155.9
51 41.4 30.6 45.8
86 66.9 50.6 75.8





#19

trans-1,2-Dichloroethene

Concen: 0.310 ug/l

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX034785.D

Acq: 28 Mar 2023 11:37

Instrument :

MSVOA_X

ClientSampleId :

IBLK

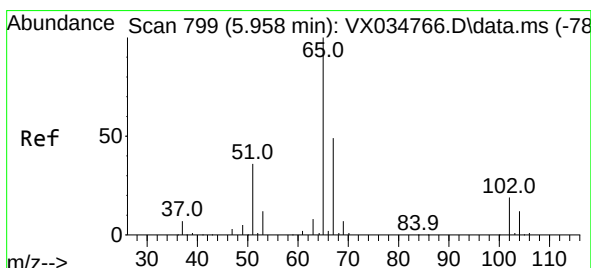
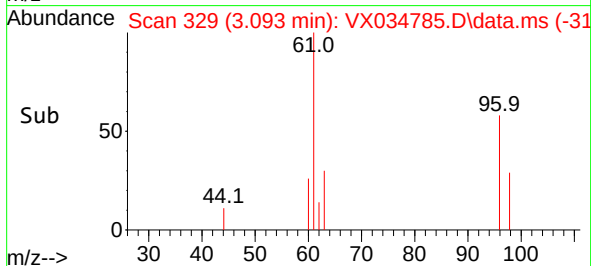
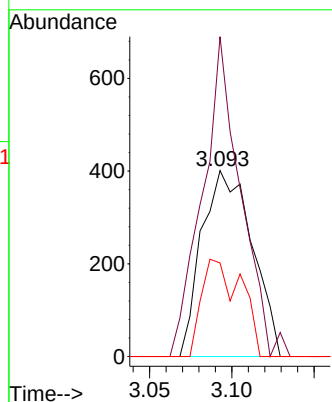
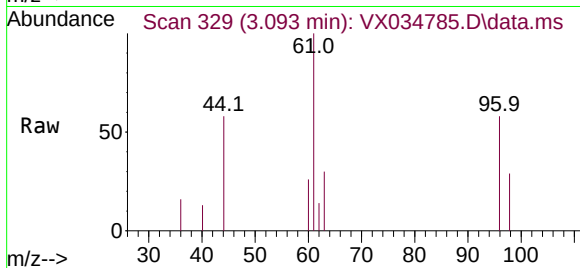
Tgt Ion: 96 Resp: 857

Ion Ratio Lower Upper

96 100

61 159.1 111.1 166.7

98 50.4 48.6 72.8



#27

1,2-Dichloroethane-d4

Concen: 31.246 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX034785.D

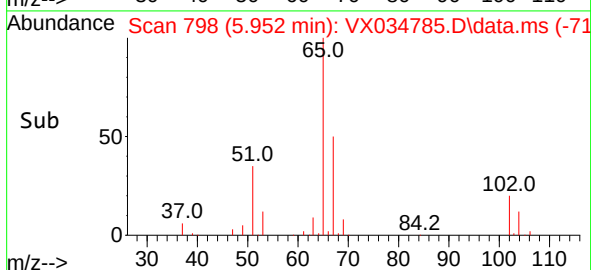
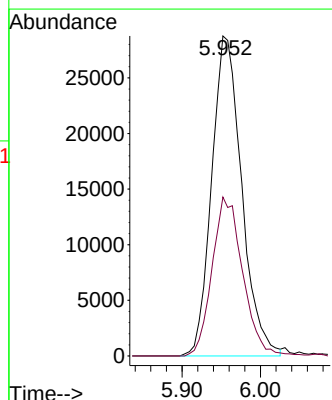
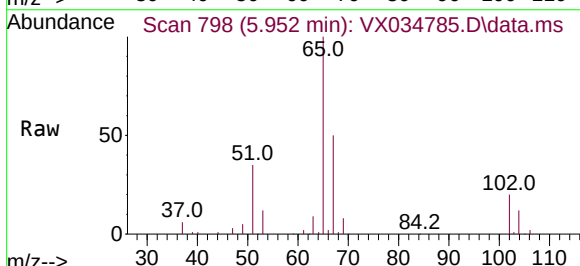
Acq: 28 Mar 2023 11:37

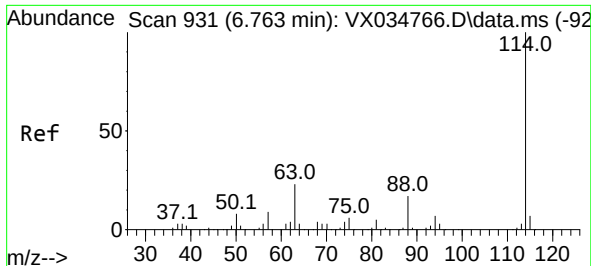
Tgt Ion: 65 Resp: 76533

Ion Ratio Lower Upper

65 100

67 50.5 40.9 61.3

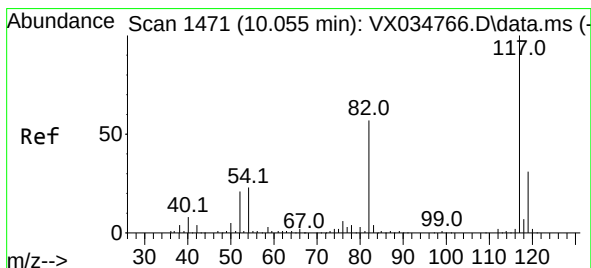
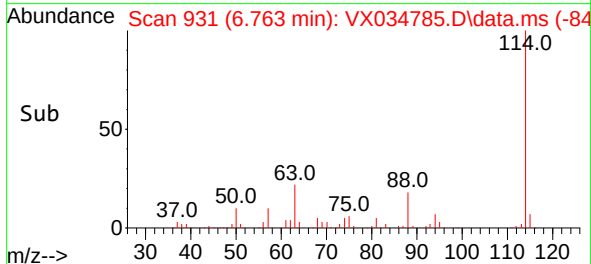
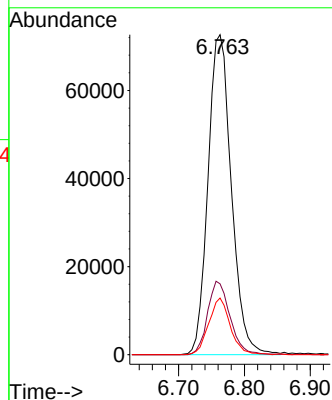
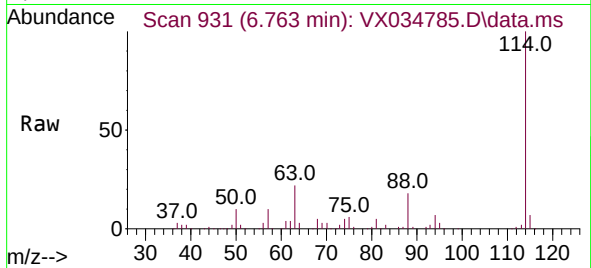




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034785.D
Acq: 28 Mar 2023 11:37

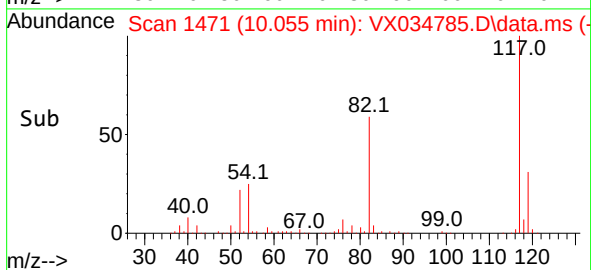
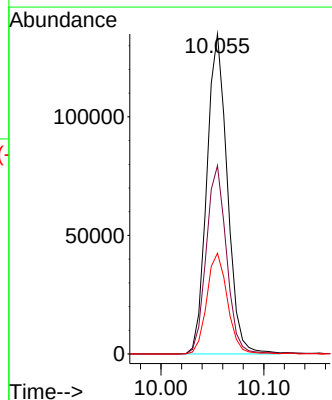
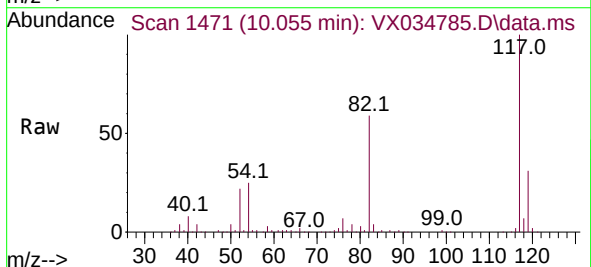
Instrument :
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ClientSampleId :
IBLK

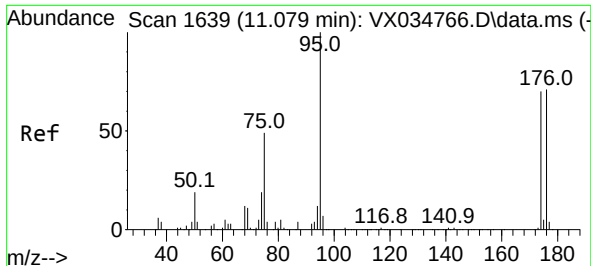
Tgt Ion:114 Resp: 179658
Ion Ratio Lower Upper
114 100
63 22.0 18.0 27.0
88 16.4 13.3 19.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034785.D
Acq: 28 Mar 2023 11:37

Tgt Ion:117 Resp: 186982
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.8
119 31.8 25.4 38.0

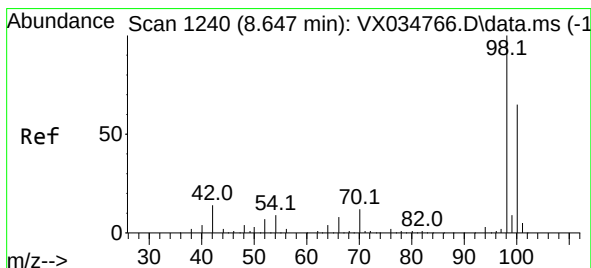
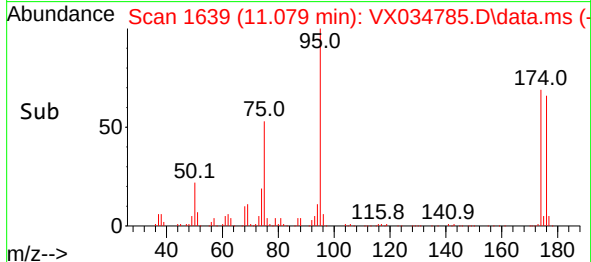
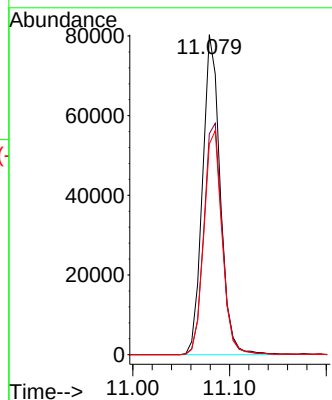
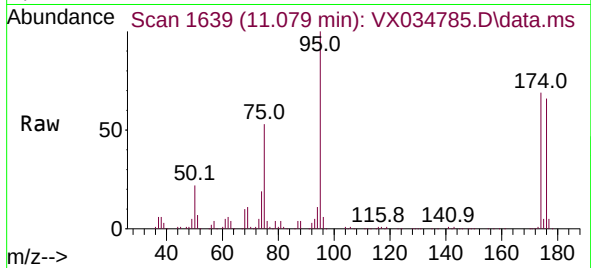




#60
4-Bromofluorobenzene
Concen: 27.371 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034785.D
Acq: 28 Mar 2023 11:37

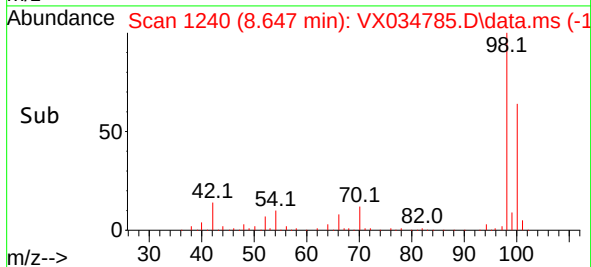
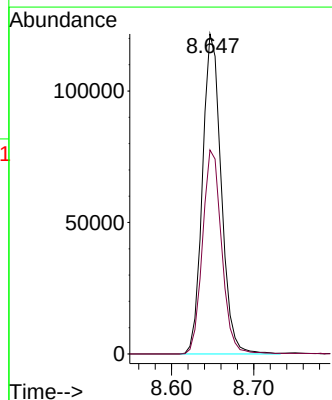
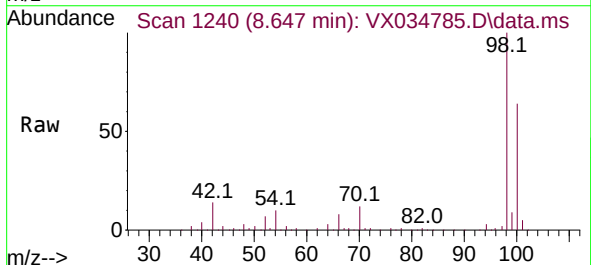
Instrument :
MSVOA_X
ClientSampleId :
IBLK

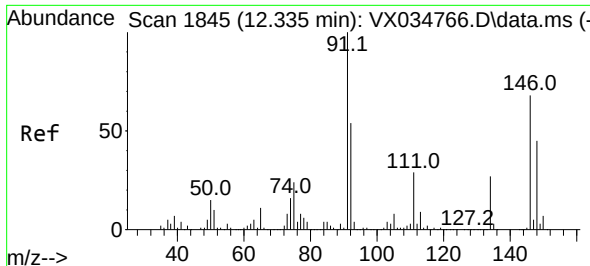
Tgt Ion: 95 Resp: 102262
Ion Ratio Lower Upper
95 100
174 75.4 0.2 0.4#
176 72.0 0.2 0.2#



#63
Toluene-d8
Concen: 30.381 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034785.D
Acq: 28 Mar 2023 11:37

Tgt Ion: 98 Resp: 193050
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1

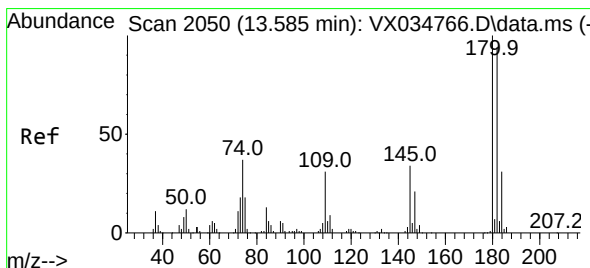
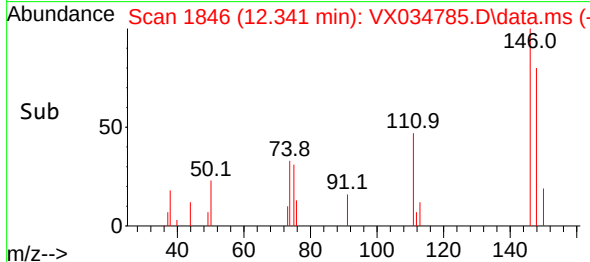
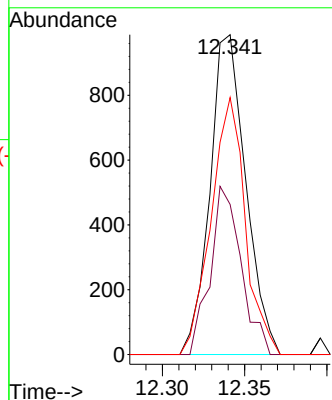
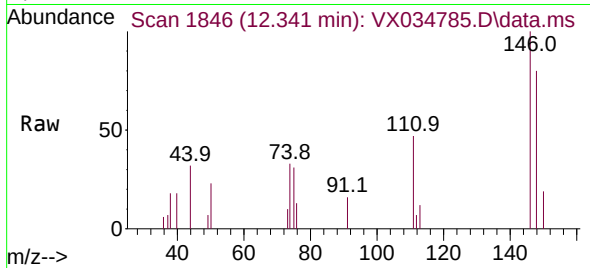




#87
 1,2-Dichlorobenzene
 Concen: 0.254 ug/l
 RT: 12.341 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX034785.D
 Acq: 28 Mar 2023 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:146 Resp: 1496
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.3 64.0
 148 76.5 31.7 95.1



#89
 1,2,4-Trichlorobenzene
 Concen: 0.561 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX034785.D
 Acq: 28 Mar 2023 11:37

Tgt Ion:180 Resp: 1981
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.8 113.8
 145 39.1 25.8 38.6#

