

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX029989.D
 Acq On : 11 Jul 2022 11:31
 Operator : JC/MD
 Sample : VX0711WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBL02

Quant Time: Jul 12 01:22:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

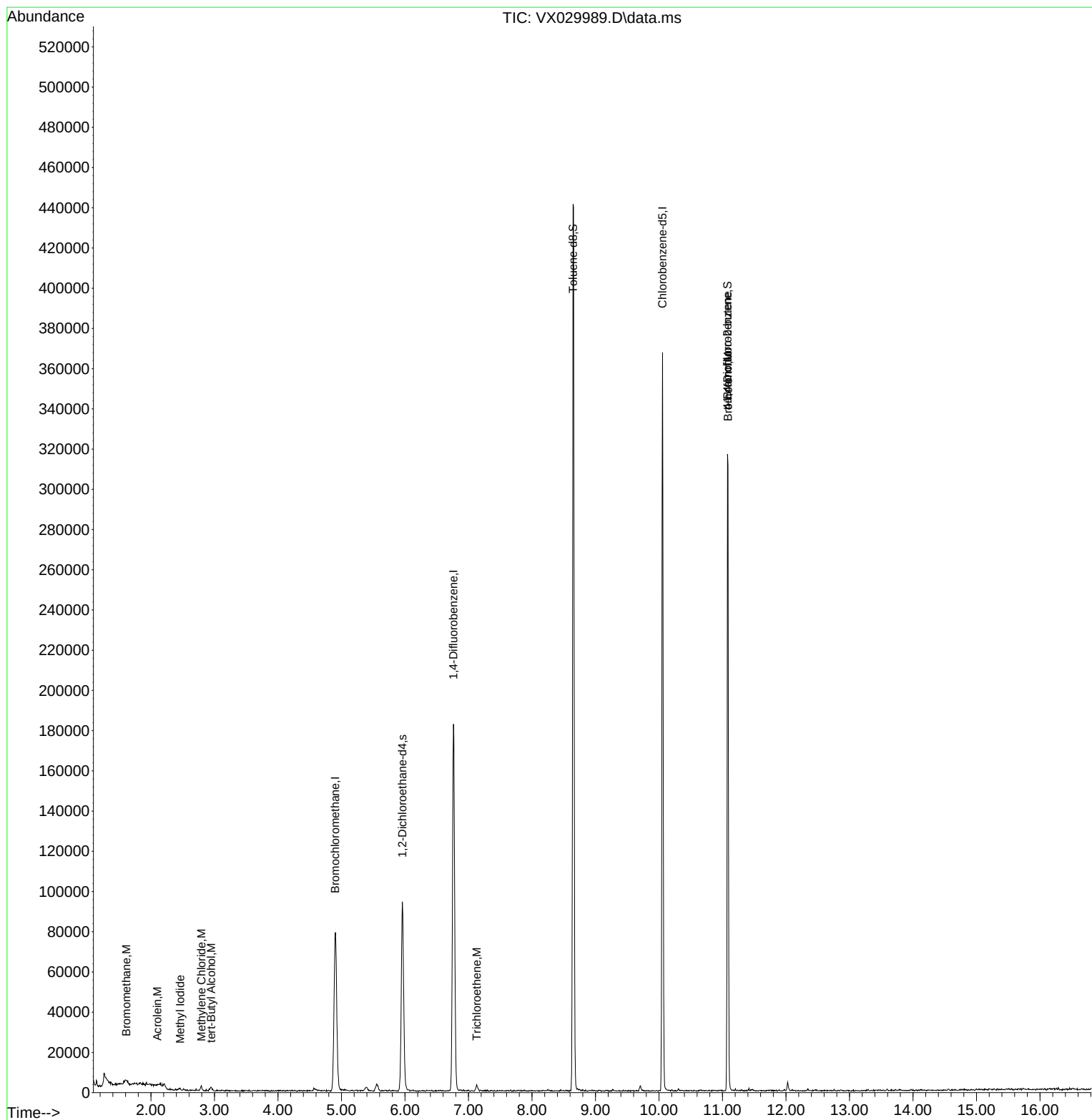
Internal Standards						
1) Bromochloromethane	4.898	128	35137	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	201290	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	170954	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	80730	28.177	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.933%
60) 4-Bromofluorobenzene	11.079	95	90895	28.213	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.033%
63) Toluene-d8	8.647	98	276401	29.817	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.400%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	381	0.326	ug/l #	60
11) Methyl Iodide	2.459	142	848	9.179	ug/l	87
13) Acrolein	2.099	56	100	0.211	ug/l #	1
18) Methylene Chloride	2.794	84	990	0.343	ug/l #	88
23) tert-Butyl Alcohol	2.947	59	898	1.130	ug/l #	100
37) Trichloroethene	7.129	130	1076	0.364	ug/l #	58
56) Bromoform	11.086	173	620	0.338	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	41145	31.125	ug/l #	3

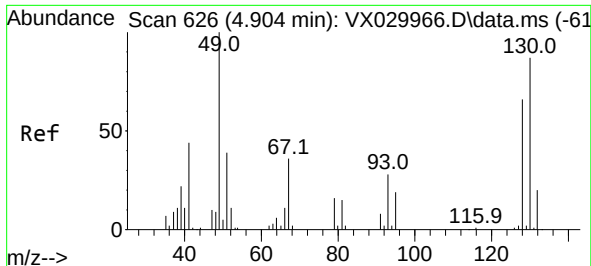
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
Data File : VX029989.D
Acq On : 11 Jul 2022 11:31
Operator : JC/MD
Sample : VX0711WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL02

Quant Time: Jul 12 01:22:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jul 09 02:10:54 2022
Response via : Initial Calibration

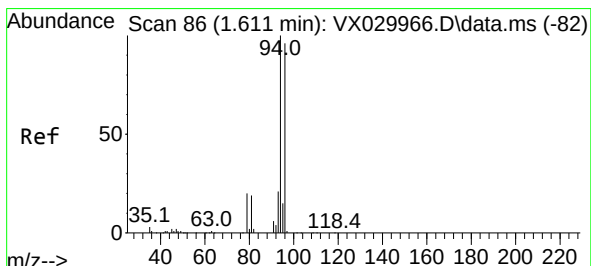
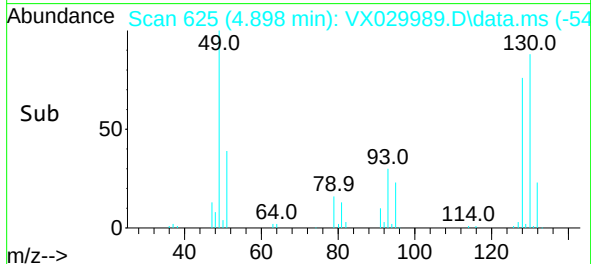
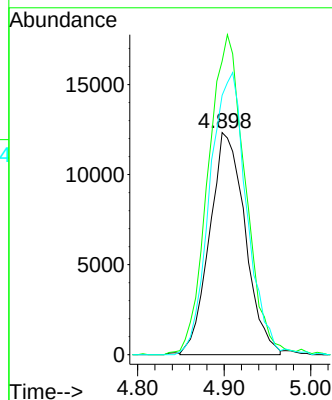
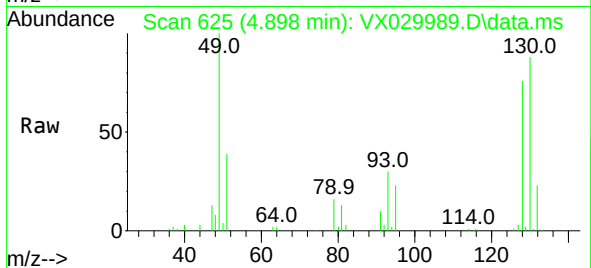




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX029989.D
Acq: 11 Jul 2022 11:31

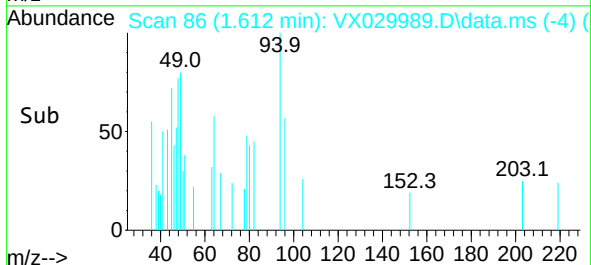
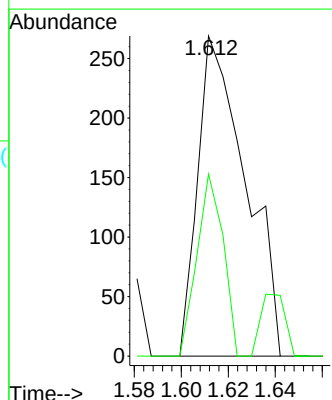
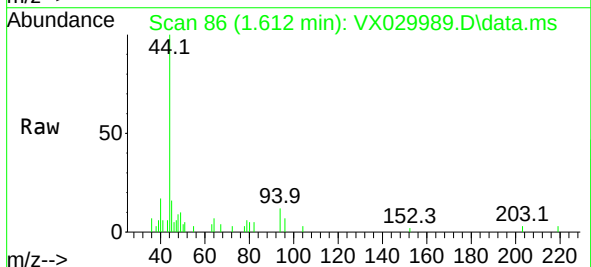
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL02

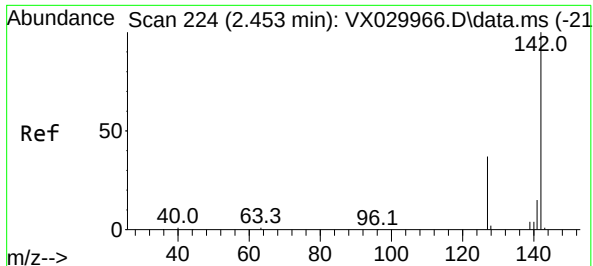
Tgt Ion:128 Resp: 35137
Ion Ratio Lower Upper
128 100
49 147.4 0.0 358.3
130 131.3 0.0 319.3



#5
Bromomethane
Concen: 0.326 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX029989.D
Acq: 11 Jul 2022 11:31

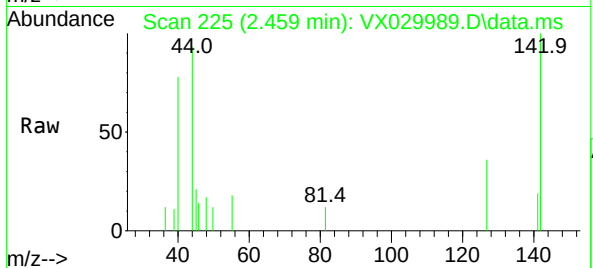
Tgt Ion: 94 Resp: 381
Ion Ratio Lower Upper
94 100
96 56.9 77.0 115.6#



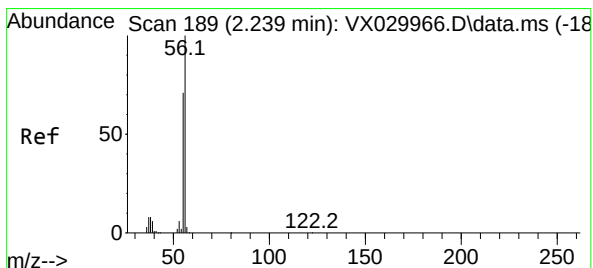
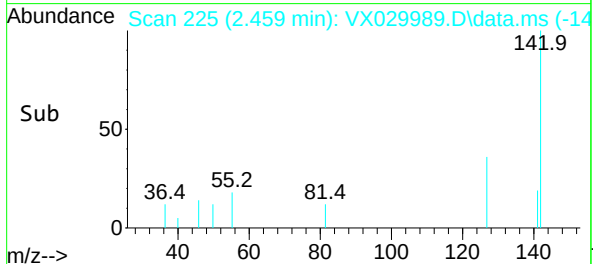
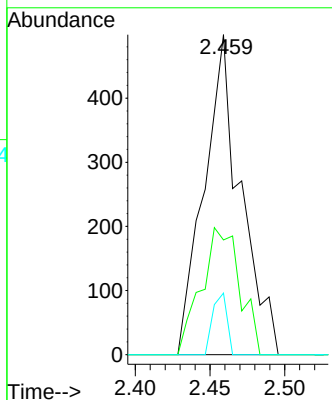


#11
Methyl Iodide
Concen: 9.179 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029989.D
Acq: 11 Jul 2022 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL02

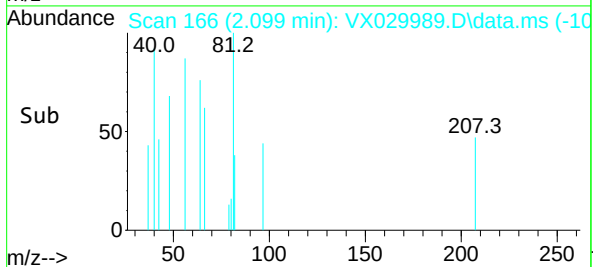
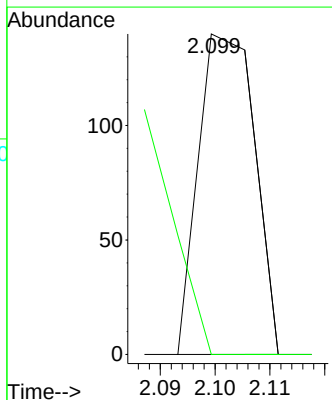
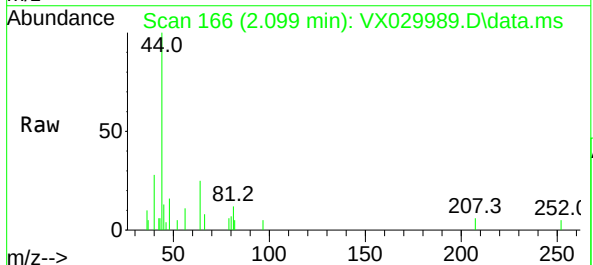


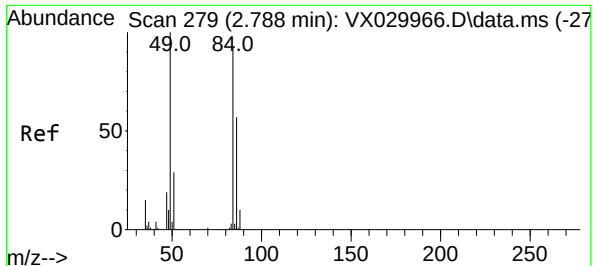
Tgt Ion:142 Resp: 848
Ion Ratio Lower Upper
142 100
127 35.9 22.3 66.9
141 19.2 7.0 20.9



#13
Acrolein
Concen: 0.211 ug/l
RT: 2.099 min Scan# 166
Delta R.T. -0.140 min
Lab File: VX029989.D
Acq: 11 Jul 2022 11:31

Tgt Ion: 56 Resp: 100
Ion Ratio Lower Upper
56 100
55 165.0 56.4 84.6#

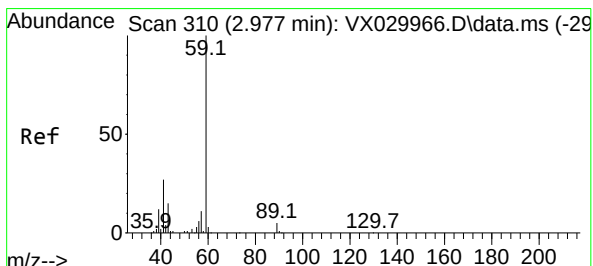
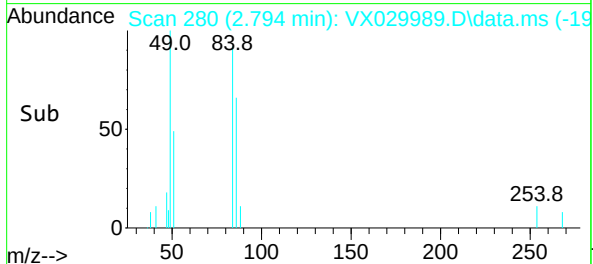
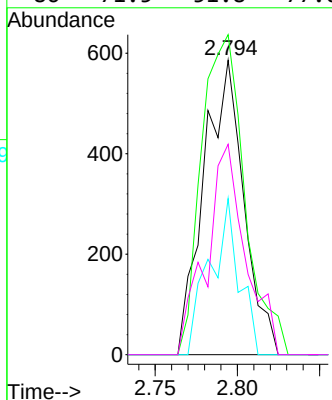
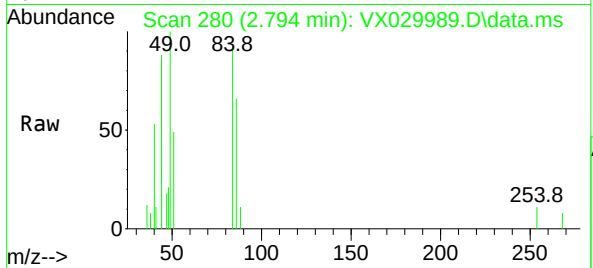




#18
Methylene Chloride
Concen: 0.343 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029989.D
Acq: 11 Jul 2022 11:31

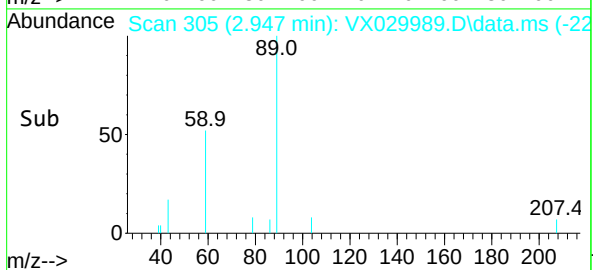
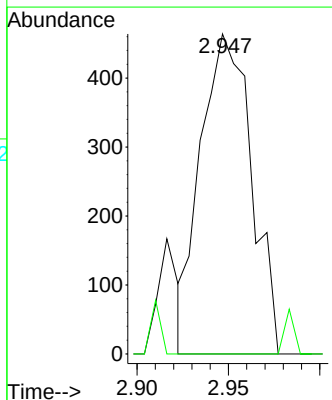
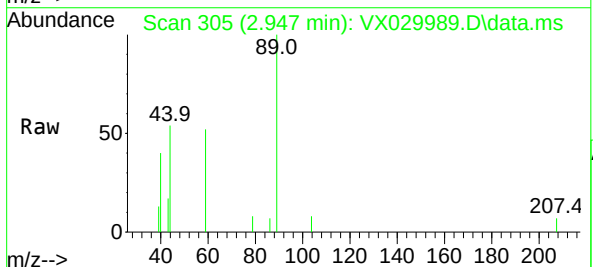
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL02

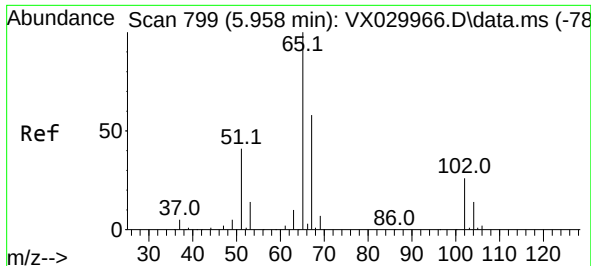
Tgt Ion: 84 Resp: 990
Ion Ratio Lower Upper
84 100
49 108.7 94.2 141.2
51 53.1 29.2 43.8#
86 71.5 51.8 77.6



#23
tert-Butyl Alcohol
Concen: 1.130 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX029989.D
Acq: 11 Jul 2022 11:31

Tgt Ion: 59 Resp: 898
Ion Ratio Lower Upper
59 100
52 5.0 0.0 0.0#

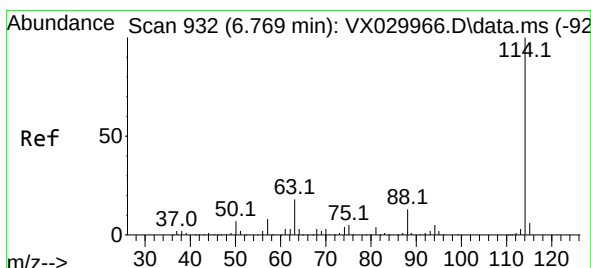
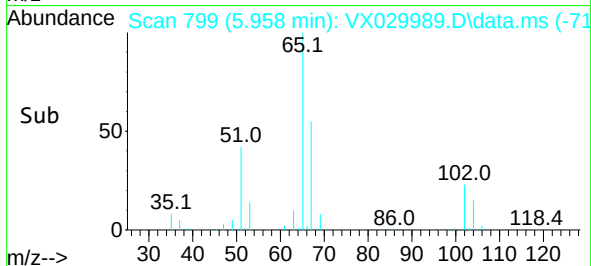
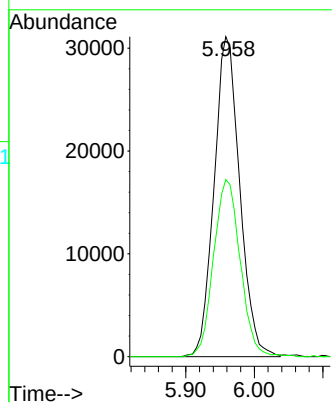
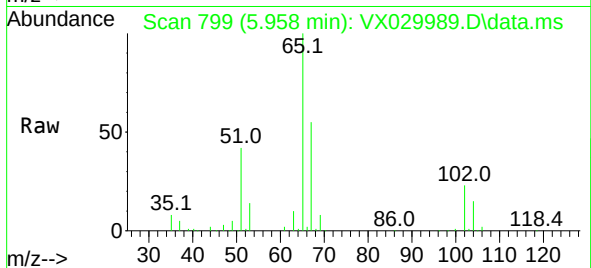




#27
 1,2-Dichloroethane-d4
 Concen: 28.177 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029989.D
 Acq: 11 Jul 2022 11:31

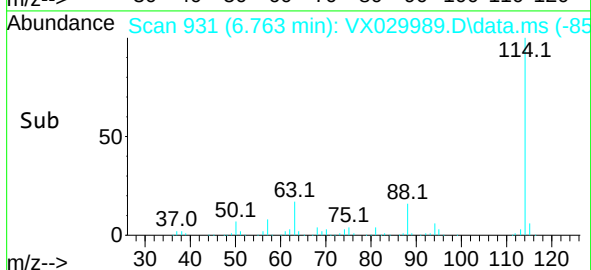
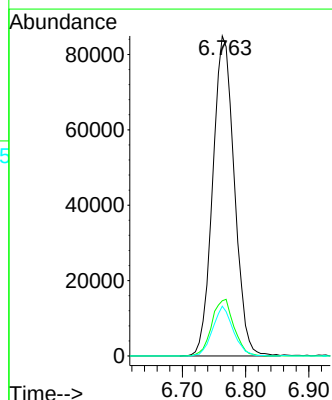
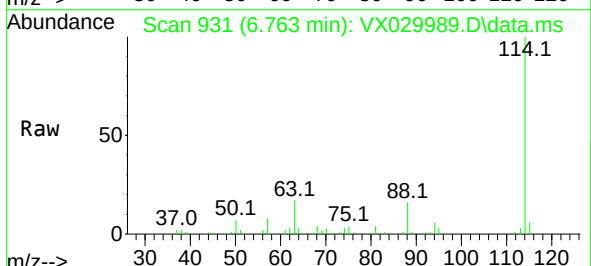
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBL02

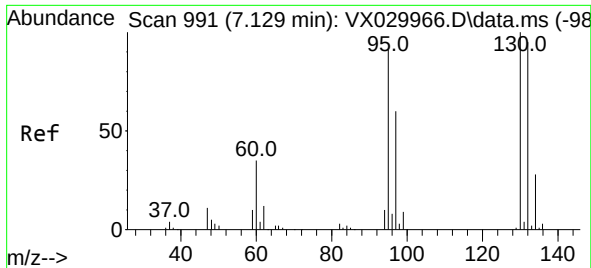
Tgt Ion: 65 Resp: 80730
 Ion Ratio Lower Upper
 65 100
 67 57.4 42.3 63.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX029989.D
 Acq: 11 Jul 2022 11:31

Tgt Ion: 114 Resp: 201290
 Ion Ratio Lower Upper
 114 100
 63 18.2 15.3 22.9
 88 14.7 12.2 18.4

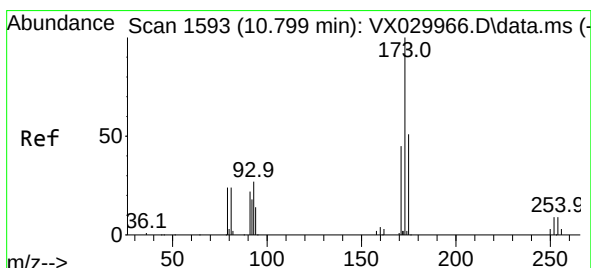
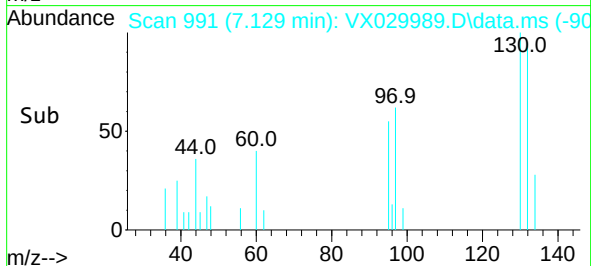
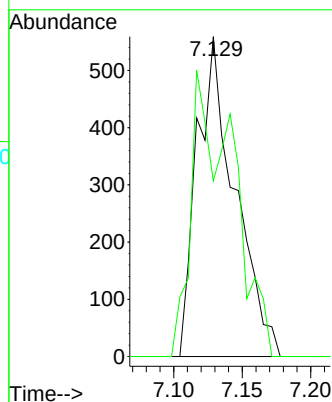
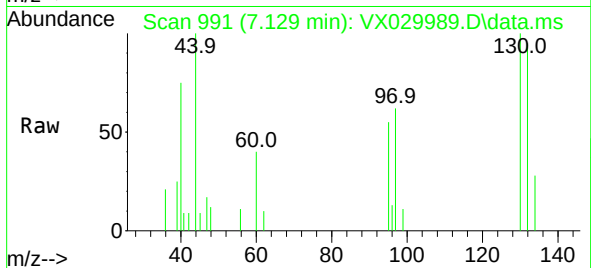




#37
Trichloroethene
Concen: 0.364 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029989.D
Acq: 11 Jul 2022 11:31

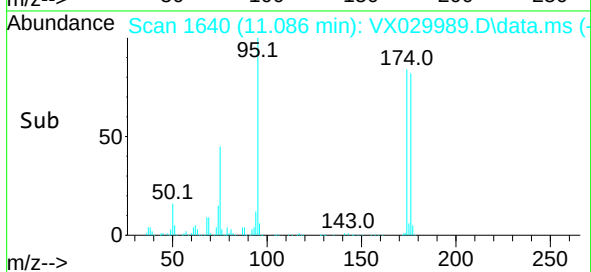
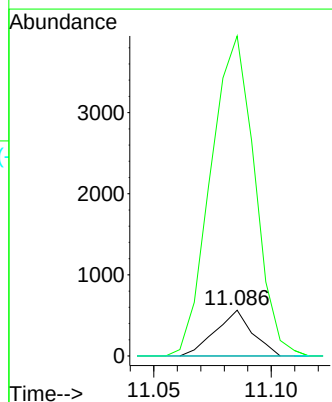
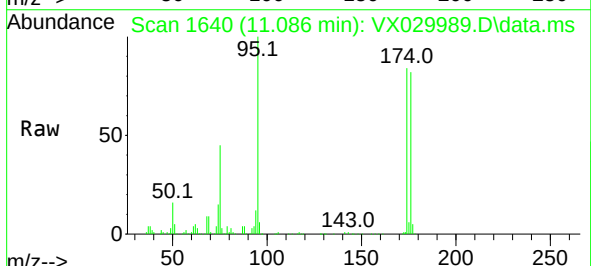
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL02

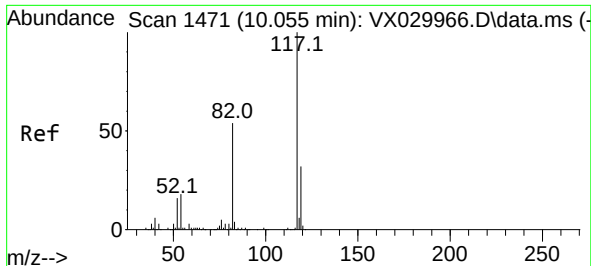
Tgt Ion:130 Resp: 1076
Ion Ratio Lower Upper
130 100
95 54.9 76.5 114.7#



#56
Bromoform
Concen: 0.338 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.287 min
Lab File: VX029989.D
Acq: 11 Jul 2022 11:31

Tgt Ion:173 Resp: 620
Ion Ratio Lower Upper
173 100
175 828.1 40.3 60.5#
254 0.0 7.4 11.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029989.D

Acq: 11 Jul 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBL02

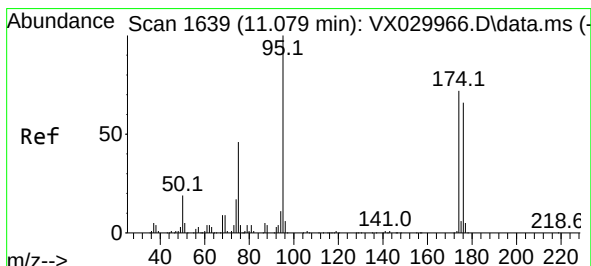
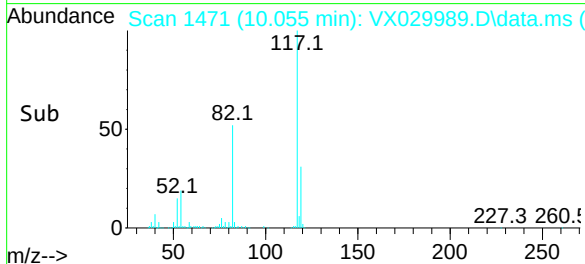
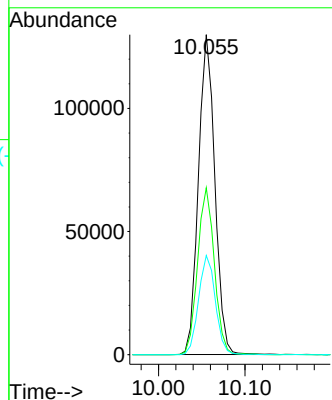
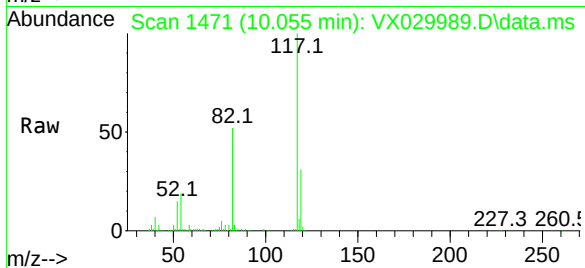
Tgt Ion:117 Resp: 170954

Ion Ratio Lower Upper

117 100

82 53.0 42.3 63.5

119 31.7 26.2 39.2



#60

4-Bromofluorobenzene

Concen: 28.213 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX029989.D

Acq: 11 Jul 2022 11:31

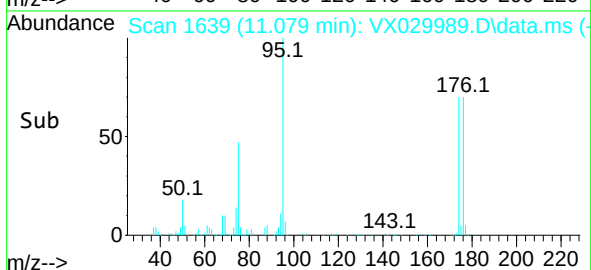
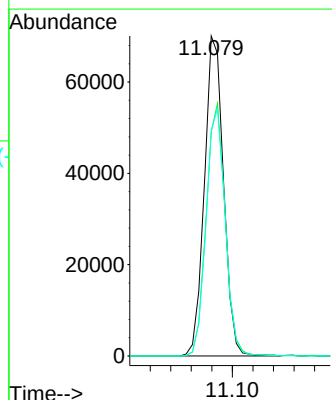
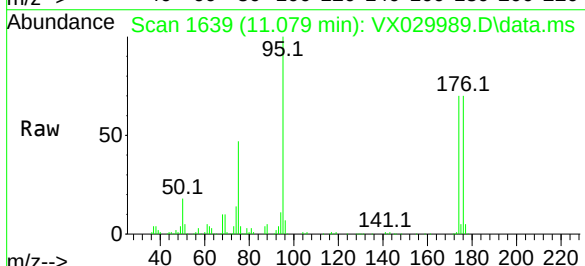
Tgt Ion: 95 Resp: 90895

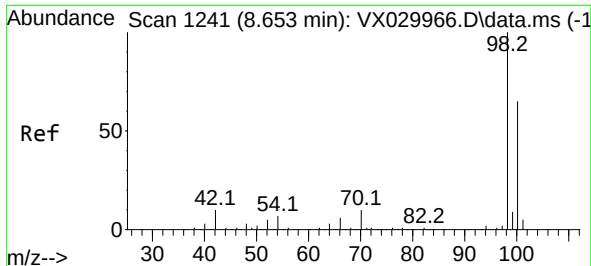
Ion Ratio Lower Upper

95 100

174 77.4 65.4 98.2

176 76.9 63.4 95.0

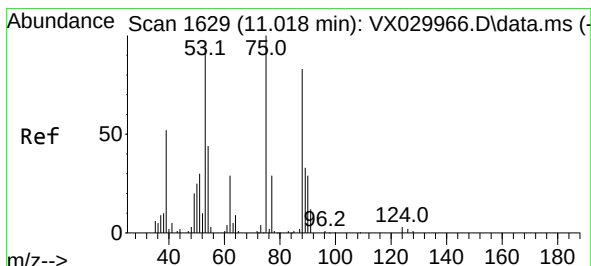
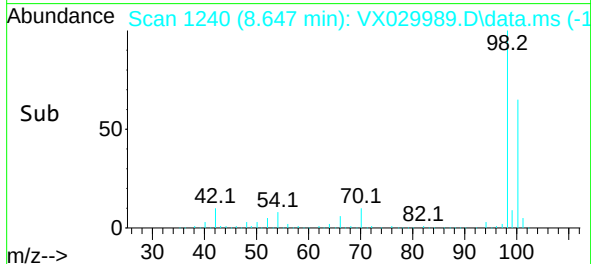
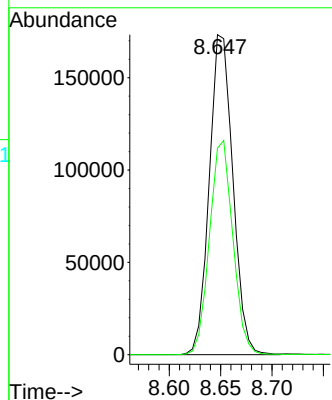
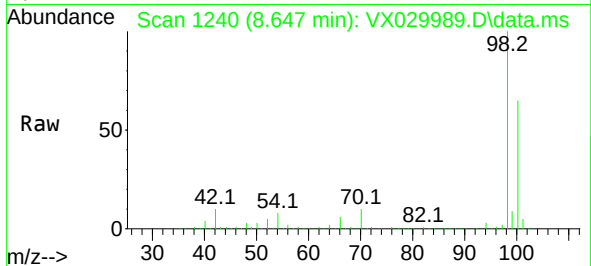




#63
Toluene-d8
Concen: 29.817 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029989.D
Acq: 11 Jul 2022 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL02

Tgt Ion: 98 Resp: 276401
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.2



#77
t-1,4-Dichloro-2-butene
Concen: 31.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029989.D
Acq: 11 Jul 2022 11:31

Tgt Ion: 75 Resp: 41145
Ion Ratio Lower Upper
75 100
53 0.0 59.7 179.1#
89 0.0 23.1 69.2#

