

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033457.D
 Acq On : 16 Dec 2022 13:36
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 17 07:46:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

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

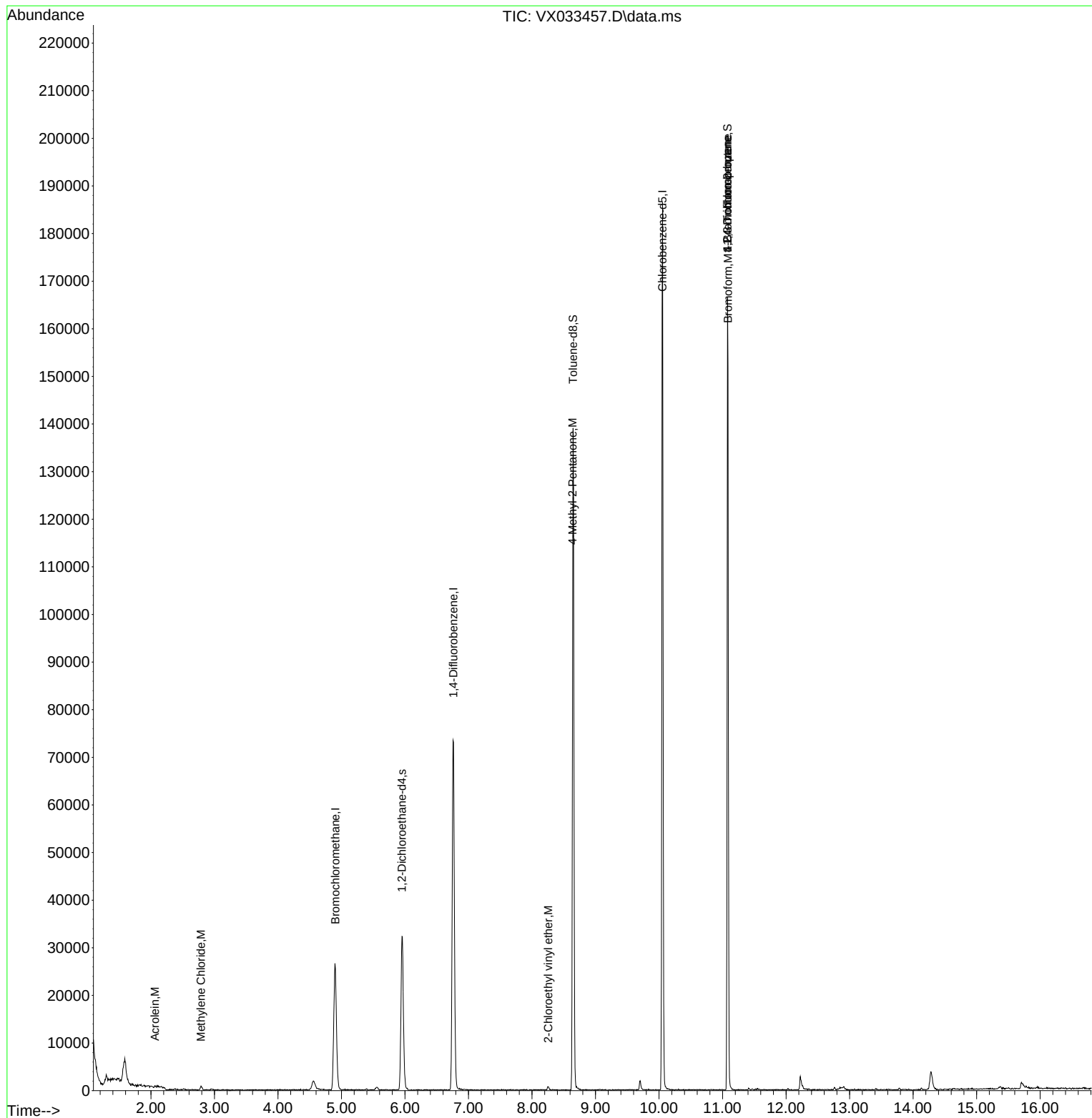
Internal Standards						
1) Bromochloromethane	4.903	128	12089	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	78936	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	85885	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	33204	31.274	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.233%
60) 4-Bromofluorobenzene	11.079	95	44466	27.954	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.167%
63) Toluene-d8	8.646	98	83705	29.299	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.667%
Target Compounds						
					Qvalue	
13) Acrolein	2.062	56	48	0.207	ug/l #	1
18) Methylene Chloride	2.788	84	348	0.288	ug/l #	82
55) 2-Chloroethyl vinyl ether	8.256	63	401	0.496	ug/l #	84
56) Bromoform	11.085	173	309	0.295	ug/l #	1
58) 4-Methyl-2-Pentanone	8.640	43	306	0.220	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	22735	14.541	ug/l	40
77) t-1,4-Dichloro-2-butene	11.079	75	22735	43.732	ug/l #	9

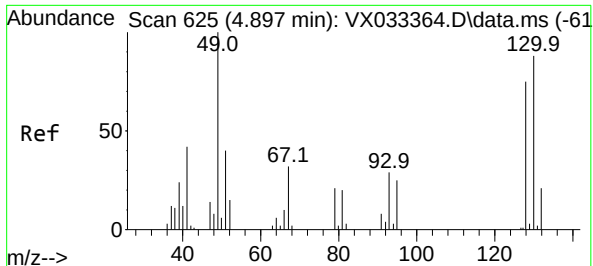
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033457.D
Acq On : 16 Dec 2022 13:36
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Dec 17 07:46:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 12 12:37:35 2022
Response via : Initial Calibration

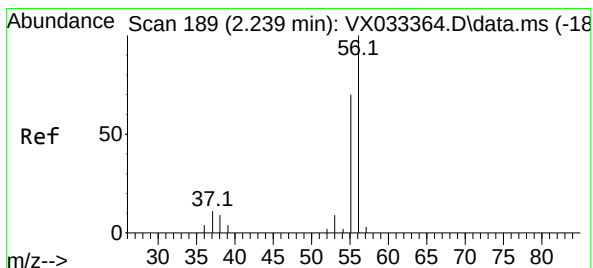
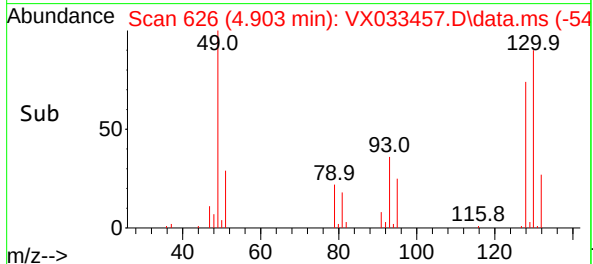
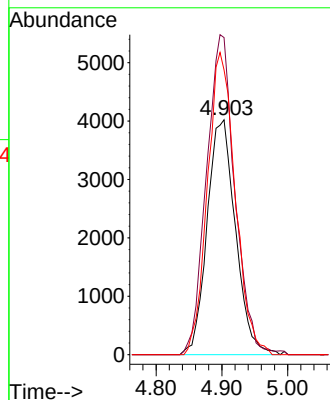
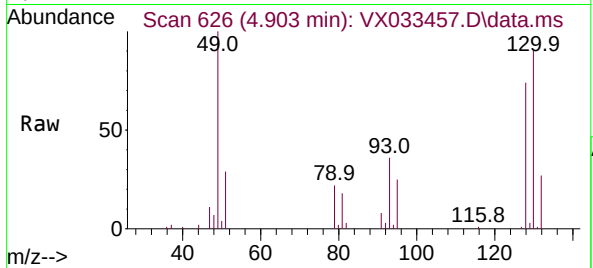




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033457.D
Acq: 16 Dec 2022 13:36

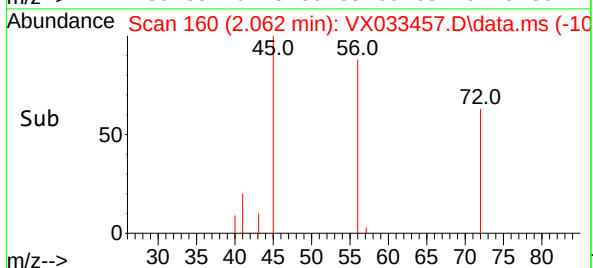
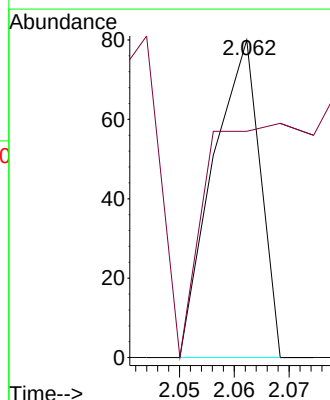
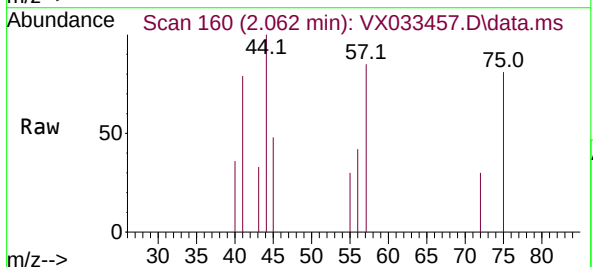
Instrument :
MSVOA_X
ClientSampleId :
IBLK

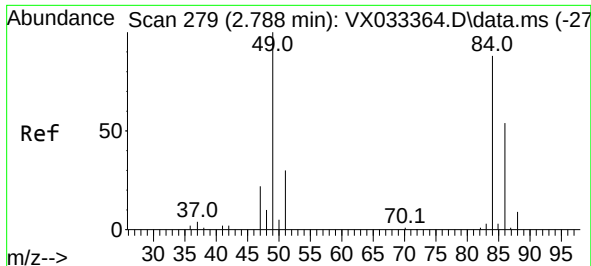
Tgt Ion:128 Resp: 12089
Ion Ratio Lower Upper
128 100
49 136.1 0.0 339.5
130 126.0 0.0 318.0



#13
Acrolein
Concen: 0.207 ug/l
RT: 2.062 min Scan# 160
Delta R.T. -0.177 min
Lab File: VX033457.D
Acq: 16 Dec 2022 13:36

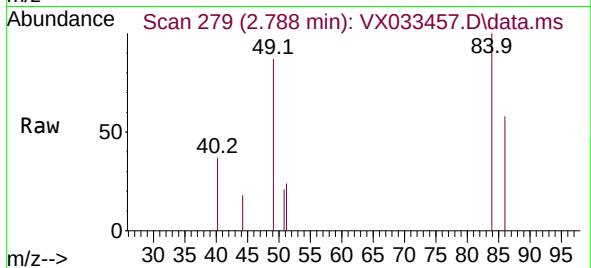
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 175.0 57.2 85.8#



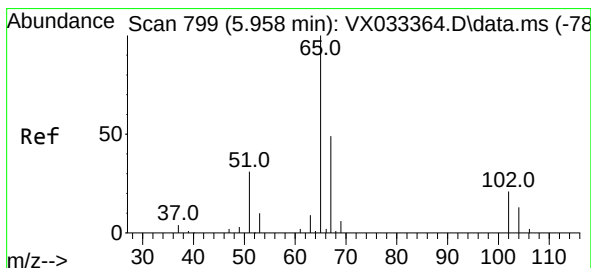
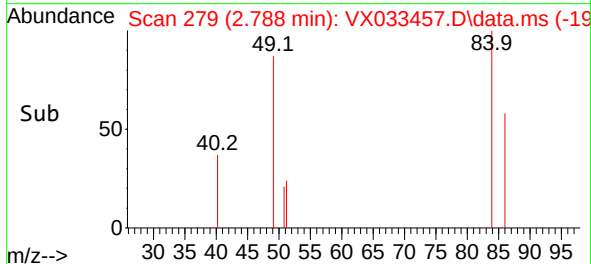
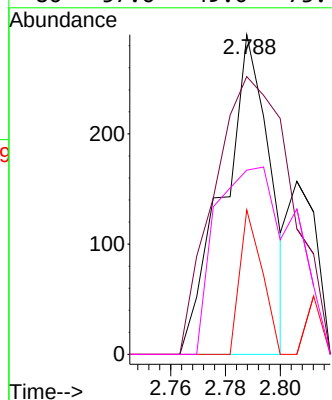


#18
Methylene Chloride
Concen: 0.288 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033457.D
Acq: 16 Dec 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
IBLK

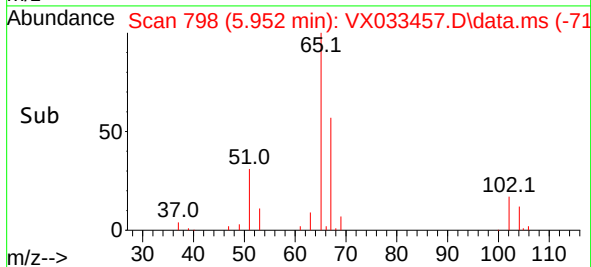
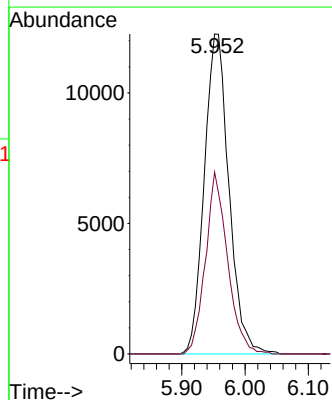
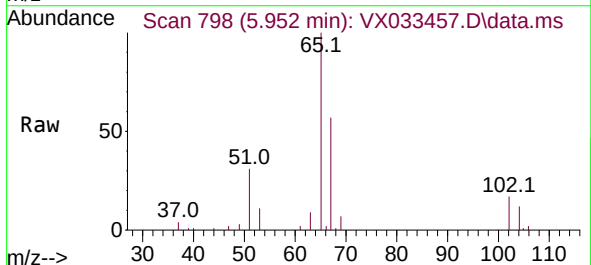


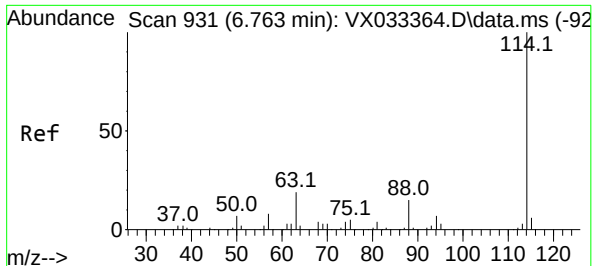
Tgt Ion: 84	Resp: 348
Ion Ratio	Lower Upper
84 100	
49 86.9	91.2 136.8#
51 45.2	27.3 40.9#
86 57.6	49.0 73.4



#27
1,2-Dichloroethane-d4
Concen: 31.274 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033457.D
Acq: 16 Dec 2022 13:36

Tgt Ion: 65	Resp: 33204
Ion Ratio	Lower Upper
65 100	
67 51.0	39.8 59.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX033457.D

Acq: 16 Dec 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

IBLK

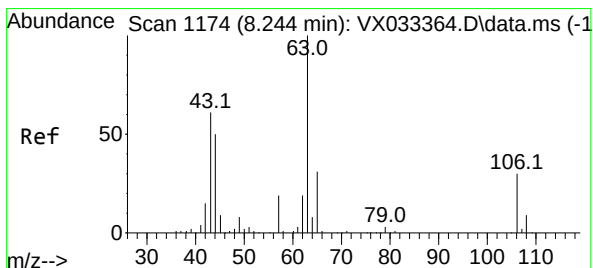
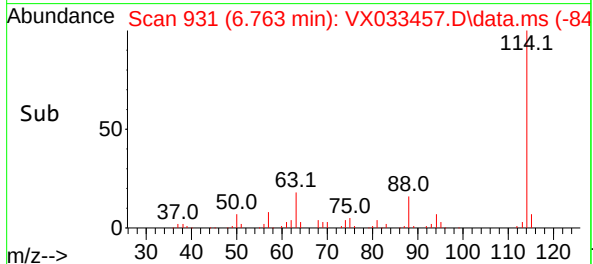
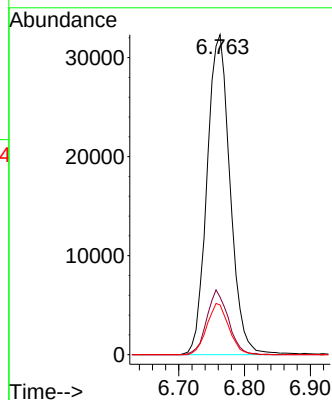
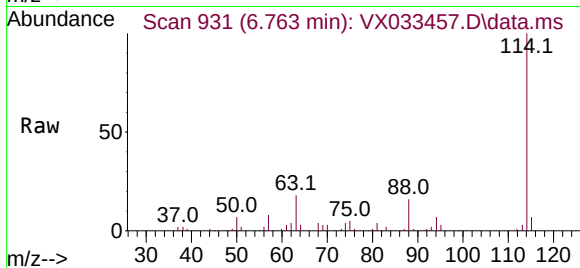
Tgt Ion:114 Resp: 78936

Ion Ratio Lower Upper

114 100

63 18.9 15.2 22.8

88 15.3 12.2 18.4



#55

2-Chloroethyl vinyl ether

Concen: 0.496 ug/l

RT: 8.256 min Scan# 1176

Delta R.T. 0.012 min

Lab File: VX033457.D

Acq: 16 Dec 2022 13:36

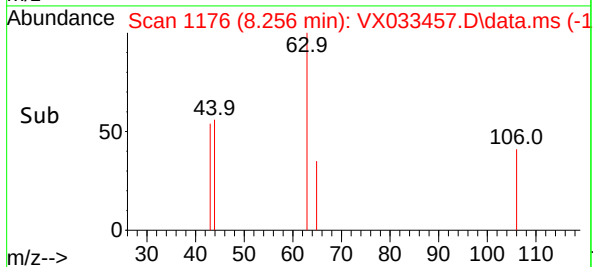
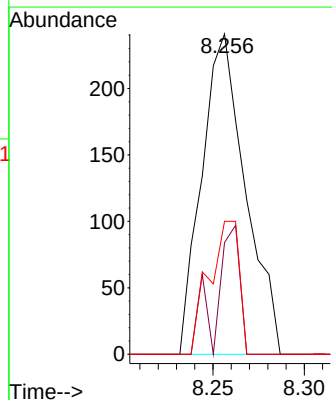
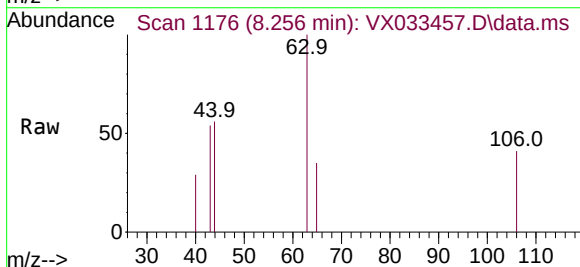
Tgt Ion: 63 Resp: 401

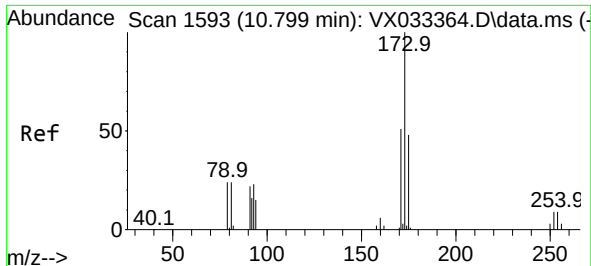
Ion Ratio Lower Upper

63 100

65 16.5 25.8 38.8#

106 28.7 24.2 36.4

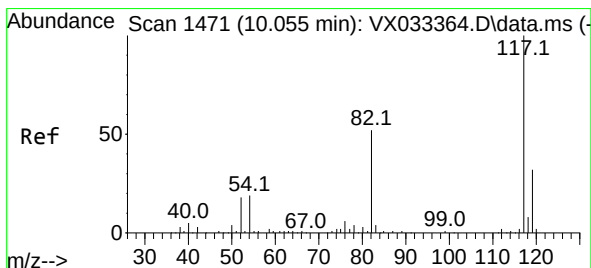
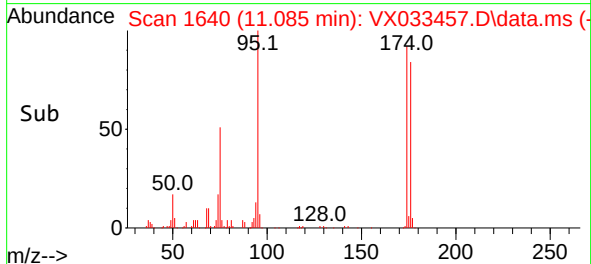
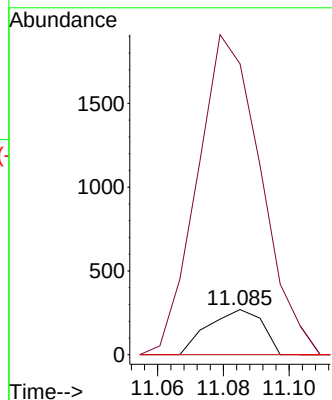
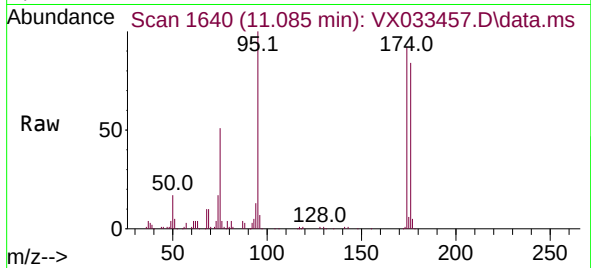




#56
Bromoform
Concen: 0.295 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.286 min
Lab File: VX033457.D
Acq: 16 Dec 2022 13:36

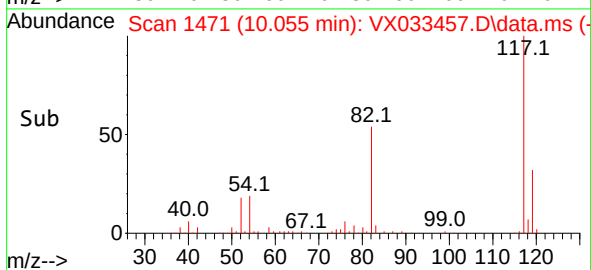
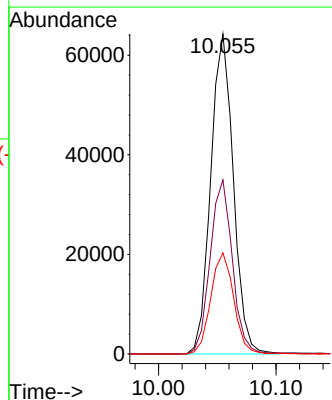
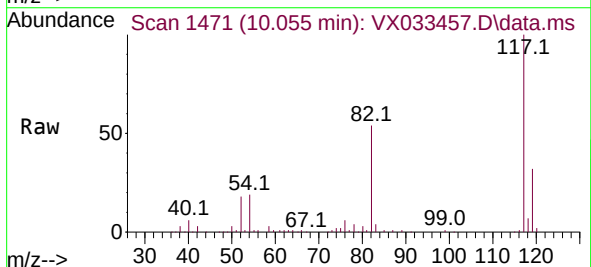
Instrument :
MSVOA_X
ClientSampleId :
IBLK

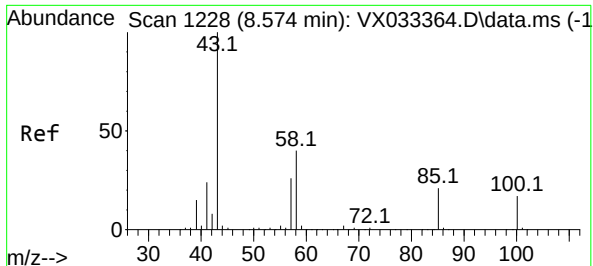
Tgt Ion:173 Resp: 309
Ion Ratio Lower Upper
173 100
175 831.7 39.6 59.4#
254 0.0 7.1 10.7#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033457.D
Acq: 16 Dec 2022 13:36

Tgt Ion:117 Resp: 85885
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 31.9 25.6 38.4





#58

4-Methyl-2-Pentanone

Concen: 0.220 ug/l

RT: 8.640 min Scan# 1228

Delta R.T. 0.067 min

Lab File: VX033457.D

Acq: 16 Dec 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

IBLK

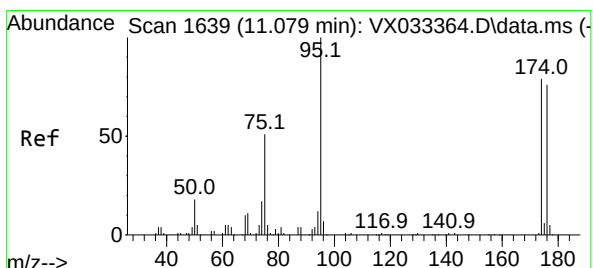
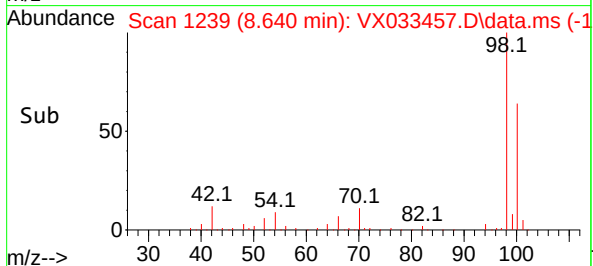
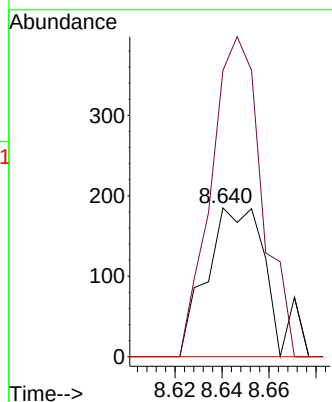
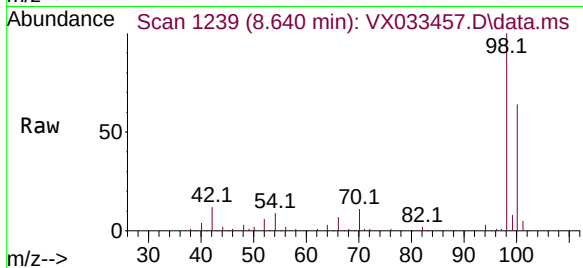
Tgt Ion: 43 Resp: 306

Ion Ratio Lower Upper

43 100

58 195.1 32.3 48.5#

85 0.0 16.6 24.8#



#60

4-Bromofluorobenzene

Concen: 27.954 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033457.D

Acq: 16 Dec 2022 13:36

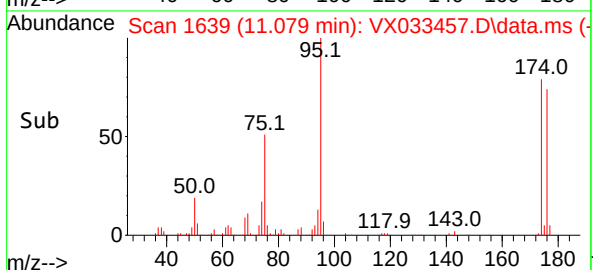
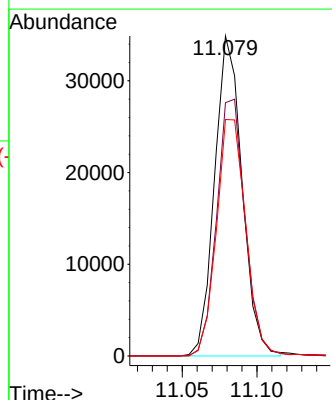
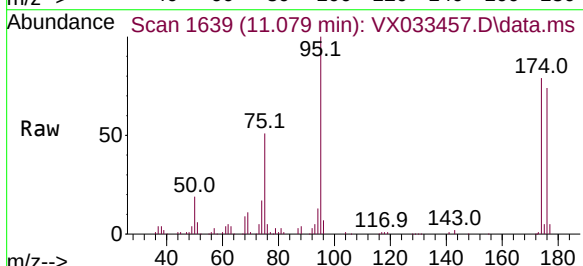
Tgt Ion: 95 Resp: 44466

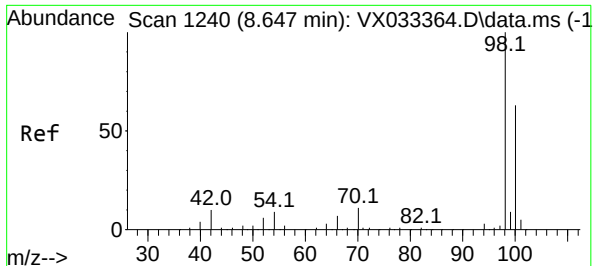
Ion Ratio Lower Upper

95 100

174 83.5 65.9 98.9

176 79.2 63.3 94.9

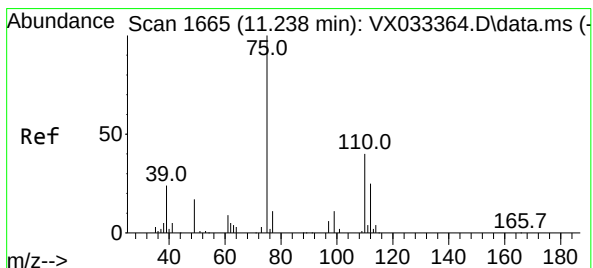
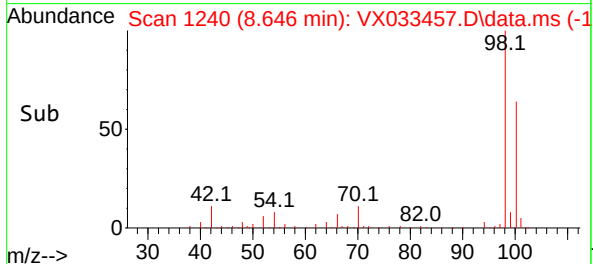
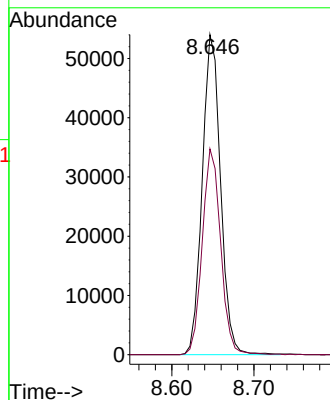
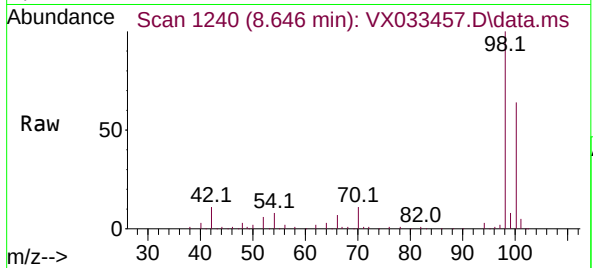




#63
Toluene-d8
Concen: 29.299 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033457.D
Acq: 16 Dec 2022 13:36

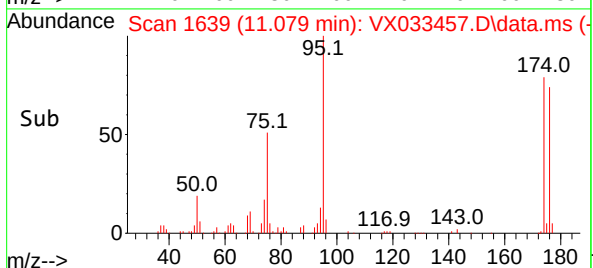
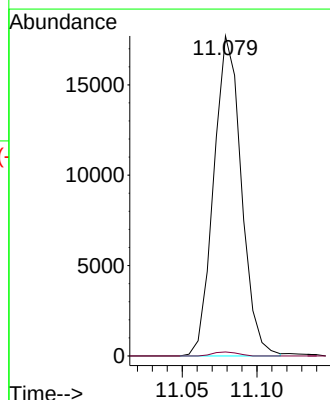
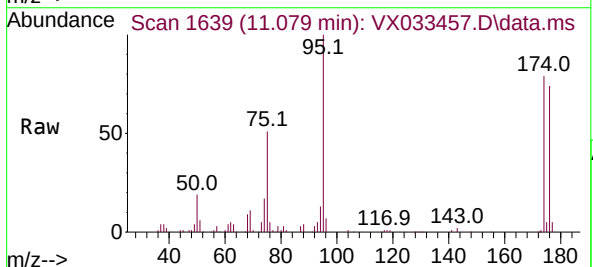
Instrument :
MSVOA_X
ClientSampleId :
IBLK

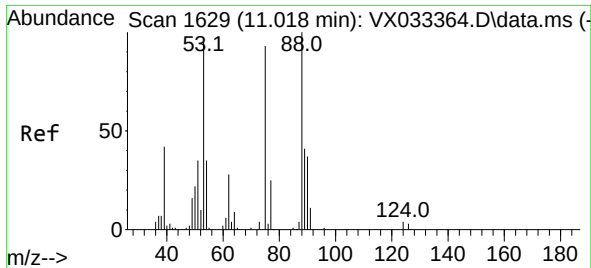
Tgt Ion: 98 Resp: 83705
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2



#72
1,2,3-Trichloropropane
Concen: 14.541 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033457.D
Acq: 16 Dec 2022 13:36

Tgt Ion: 75 Resp: 22735
Ion Ratio Lower Upper
75 100
77 1.1 0.0 74.4





#77
 t-1,4-Dichloro-2-butene
 Concen: 43.732 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033457.D
 Acq: 16 Dec 2022 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 22735
 Ion Ratio Lower Upper
 75 100
 53 0.0 51.4 154.3#
 89 0.0 22.2 66.6#

