

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033098.D
 Acq On : 28 Nov 2022 18:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 29 03:45:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

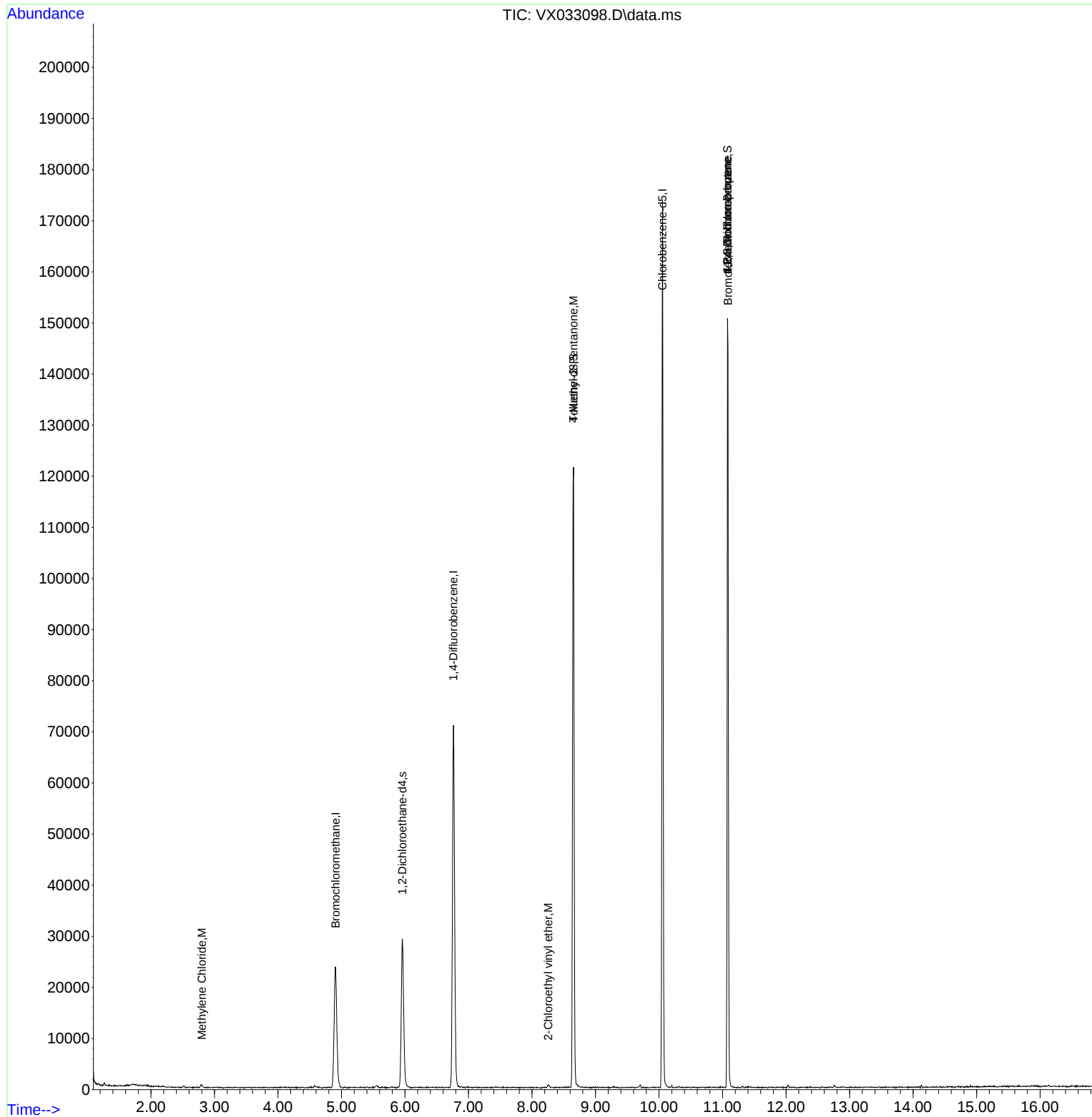
Internal Standards						
1) Bromochloromethane	4.909	128	10035	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	72083	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	75136	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	29467	30.438	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.467%
60) 4-Bromofluorobenzene	11.079	95	39062	27.178	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.600%
63) Toluene-d8	8.653	98	76019	29.980	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.933%
Target Compounds						
					Qvalue	
18) Methylene Chloride	2.800	84	343	0.305	ug/l #	72
55) 2-Chloroethyl vinyl ether	8.256	63	370	0.428	ug/l #	62
56) Bromoform	11.085	173	343	0.368	ug/l #	1
58) 4-Methyl-2-Pentanone	8.653	43	319	0.217	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	21202	14.404	ug/l	39
77) t-1,4-Dichloro-2-butene	11.079	75	21202	47.202	ug/l #	8

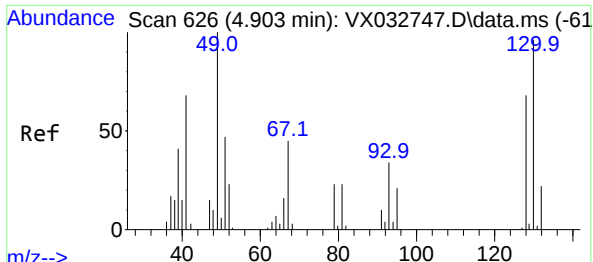
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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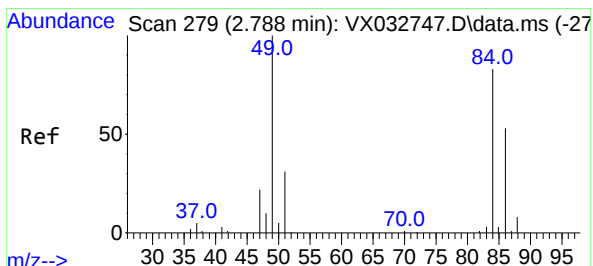
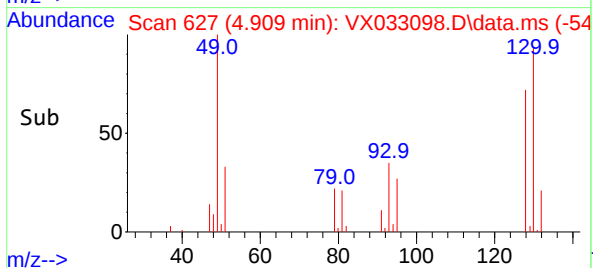
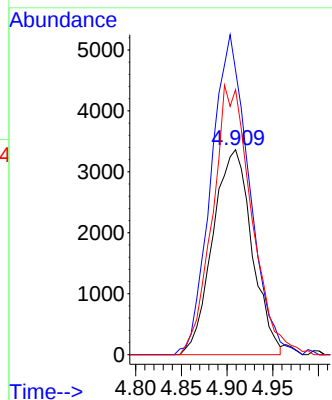
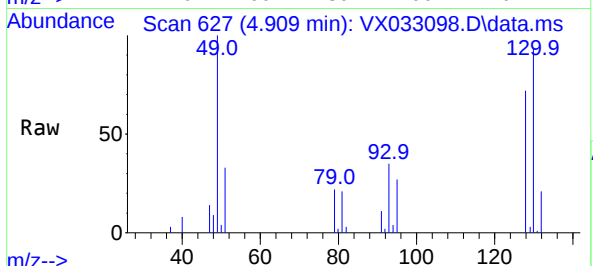




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.909 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

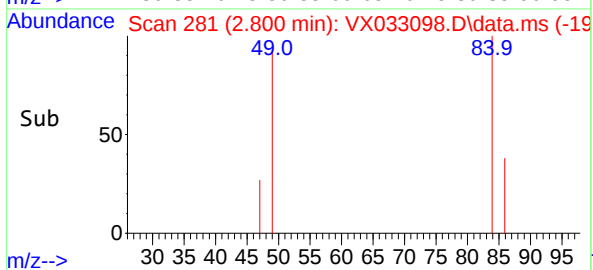
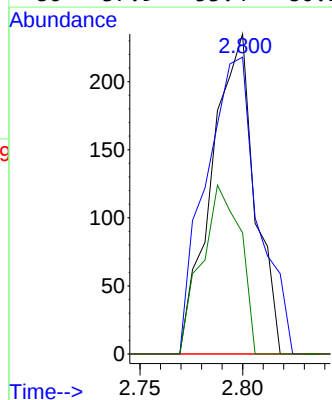
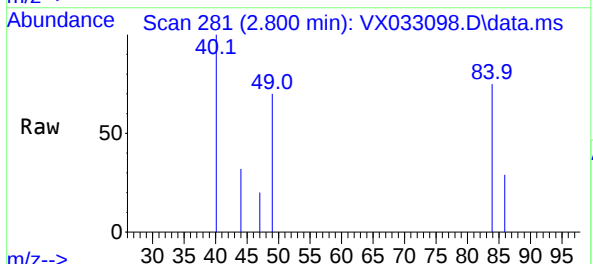
Instrument :
MSVOA_X
ClientSampleId :
IBLK

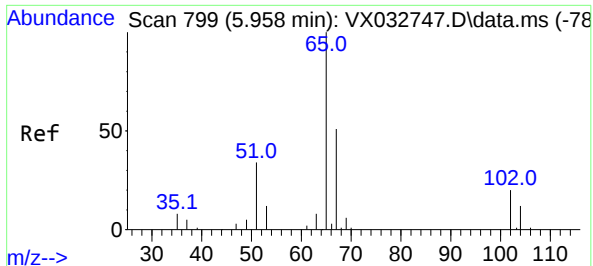
Tgt Ion:128 Resp: 10035
Ion Ratio Lower Upper
128 100
49 151.8 0.0 293.0
130 131.1 0.0 321.5



#18
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

Tgt Ion: 84 Resp: 343
Ion Ratio Lower Upper
84 100
49 92.8 84.6 127.0
51 0.0 26.5 39.7#
86 37.9 53.4 80.2#

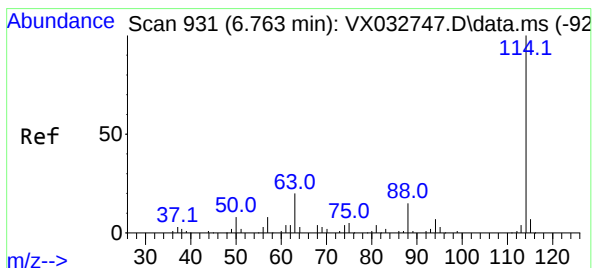
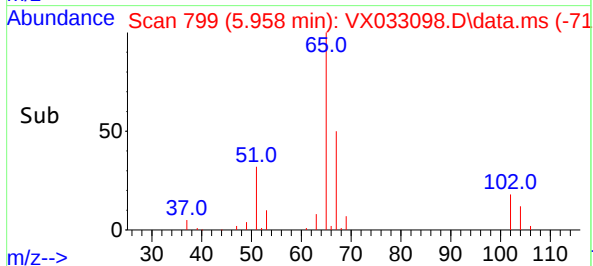
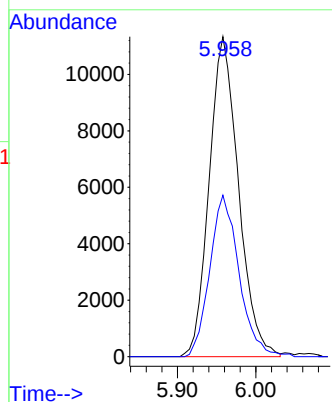
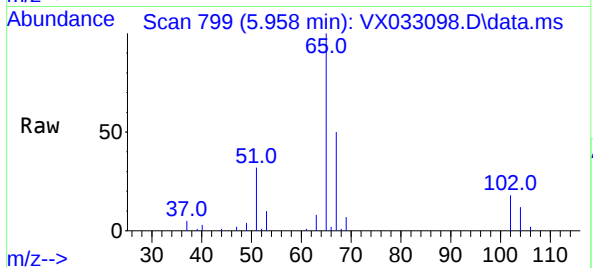




#27
1,2-Dichloroethane-d4
Concen: 30.438 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

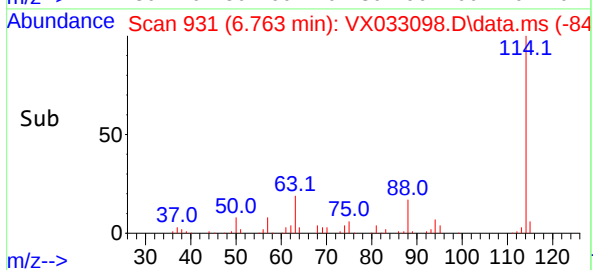
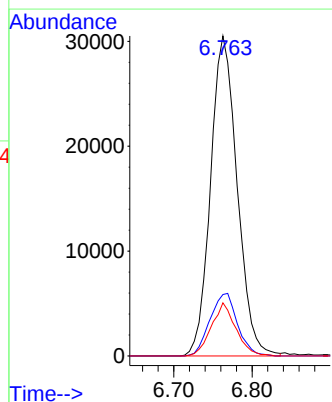
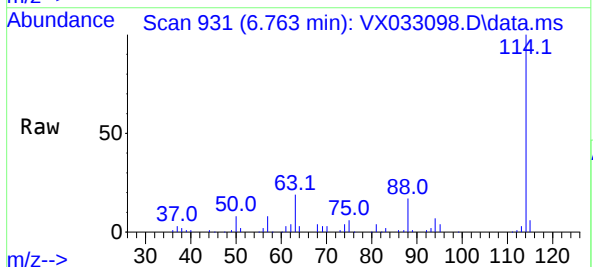
Instrument :
MSVOA_X
ClientSampleId :
IBLK

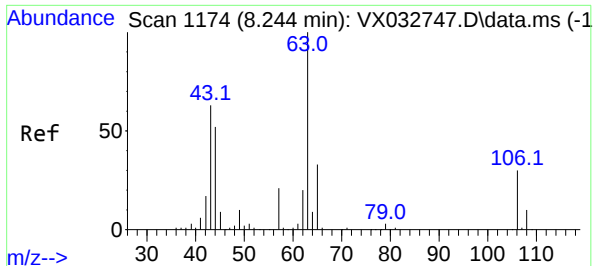
Tgt Ion: 65 Resp: 29467
Ion Ratio Lower Upper
65 100
67 50.4 41.8 62.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

Tgt Ion: 114 Resp: 72083
Ion Ratio Lower Upper
114 100
63 20.2 13.6 20.4
88 15.3 11.8 17.6

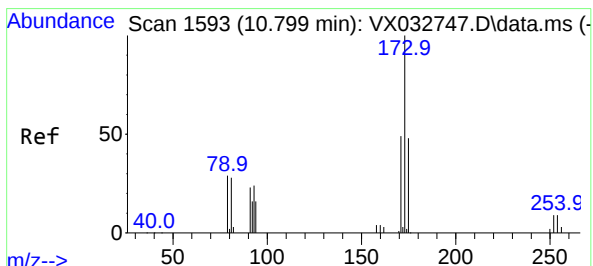
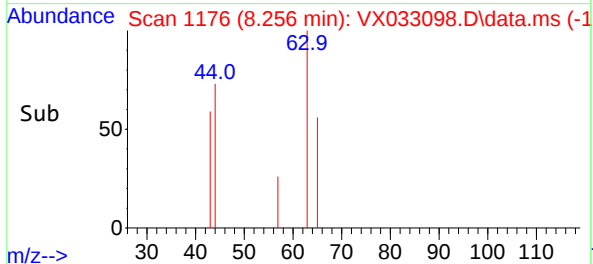
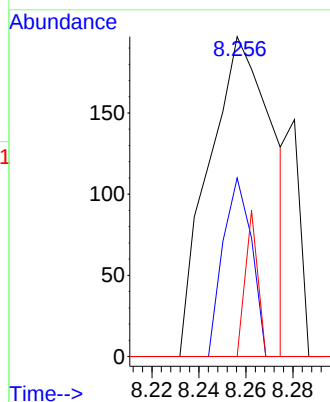
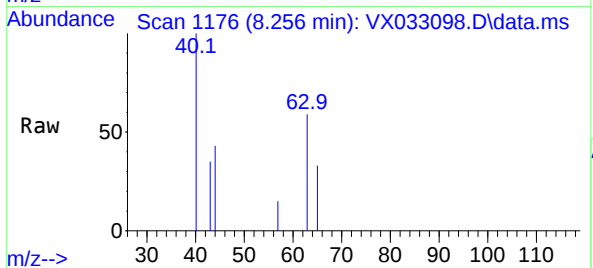




#55
2-Chloroethyl vinyl ether
Concen: 0.428 ug/l
RT: 8.256 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

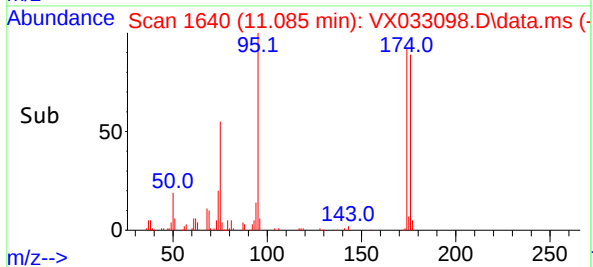
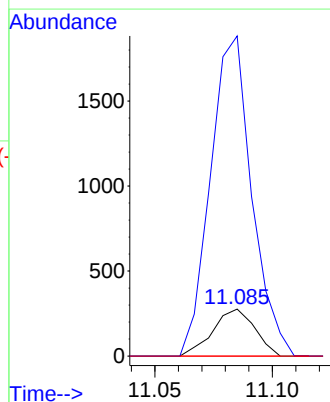
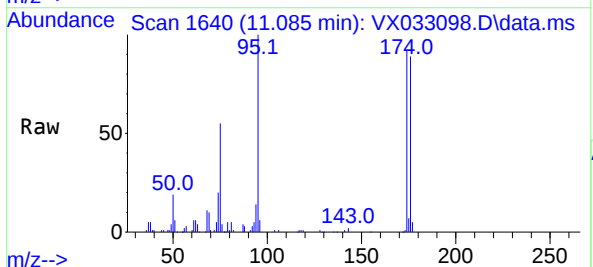
Instrument :
MSVOA_X
ClientSampleId :
IBLK

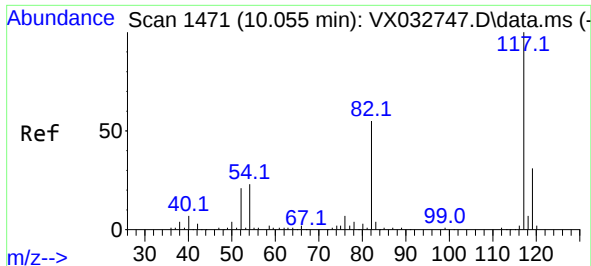
Tgt Ion:	63	Resp:	370
Ion	Ratio	Lower	Upper
63	100		
65	25.1	25.5	38.3#
106	0.0	28.9	43.3#



#56
Bromoform
Concen: 0.368 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.286 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

Tgt Ion:	173	Resp:	343
Ion	Ratio	Lower	Upper
173	100		
175	672.3	38.6	58.0#
254	0.0	6.8	10.2#

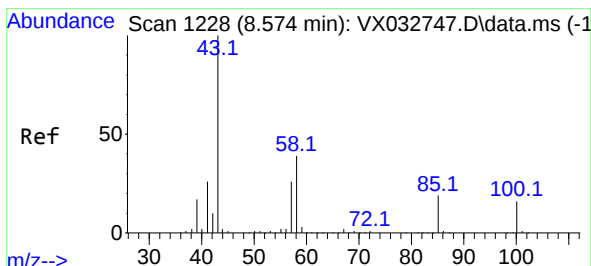
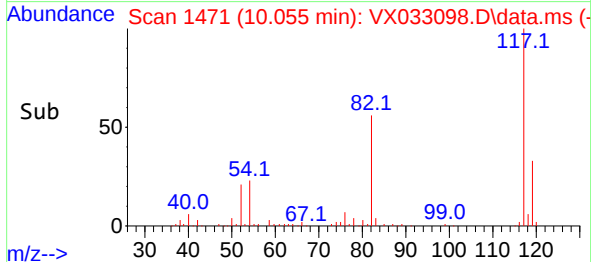
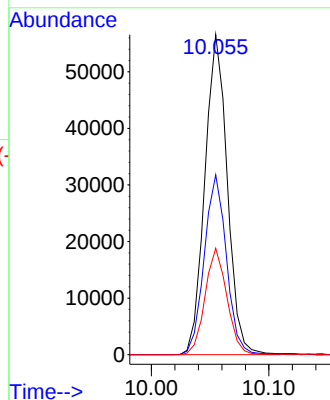
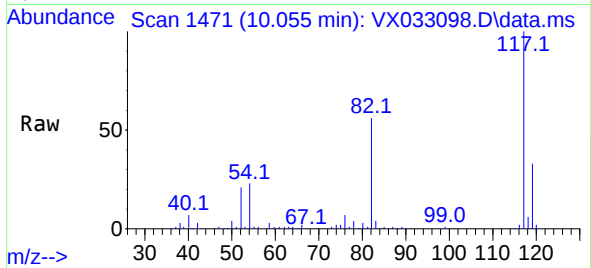




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

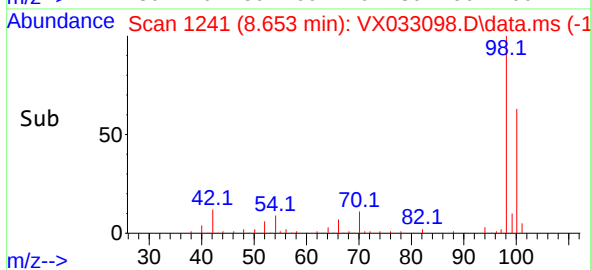
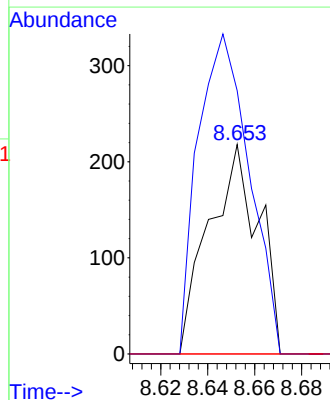
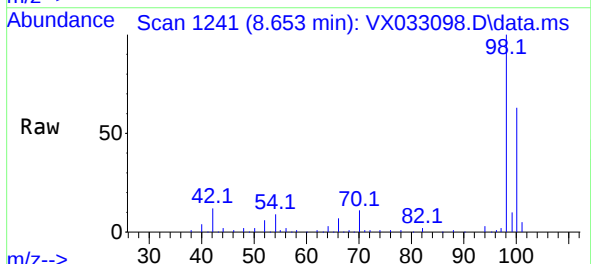
Instrument :
MSVOA_X
ClientSampleId :
IBLK

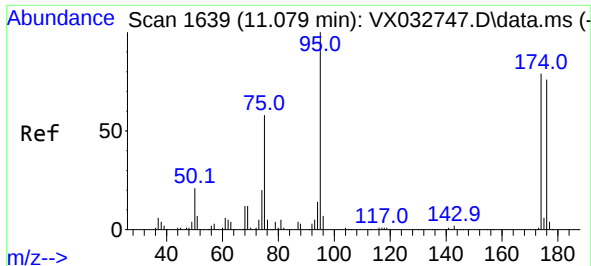
Tgt Ion:117	Resp:	75136
Ion	Ratio	Lower Upper
117	100	
82	55.6	40.0 60.0
119	32.4	26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 0.217 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

Tgt Ion: 43	Resp:	319
Ion	Ratio	Lower Upper
43	100	
58	158.3	34.9 52.3#
85	0.0	19.4 29.2#

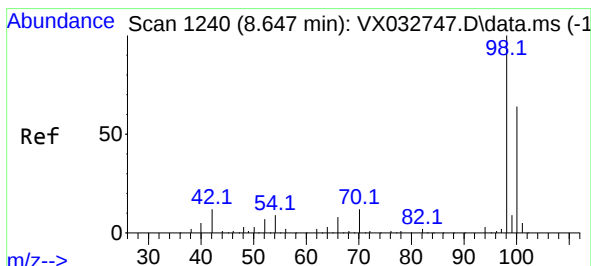
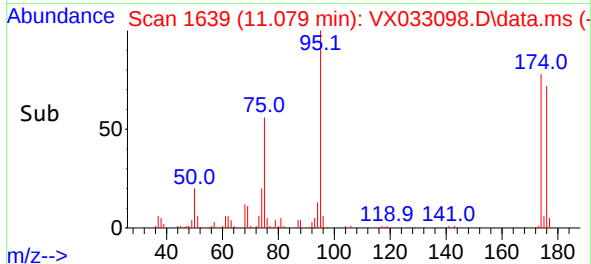
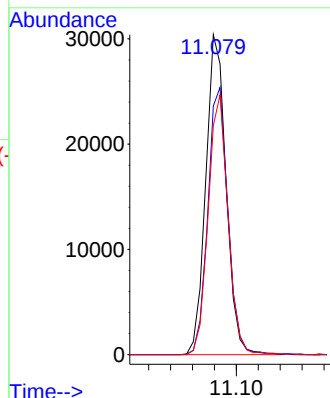
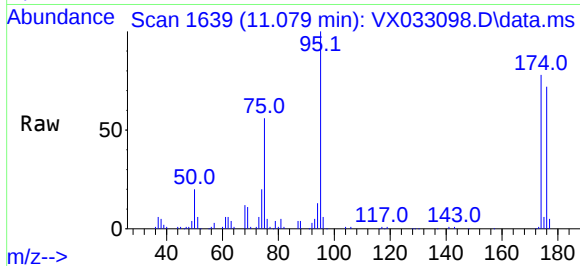




#60
4-Bromofluorobenzene
Concen: 27.178 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

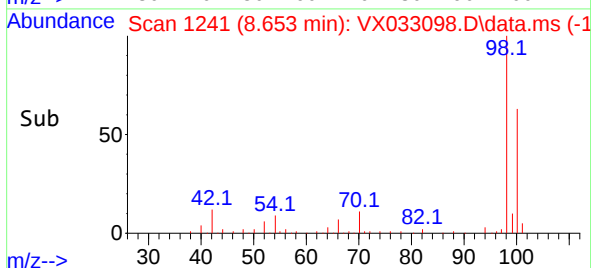
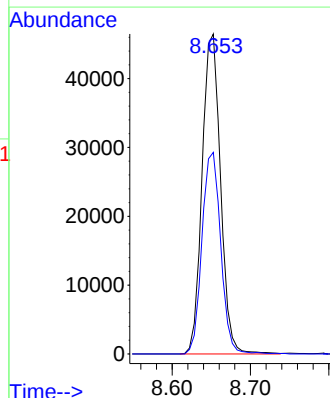
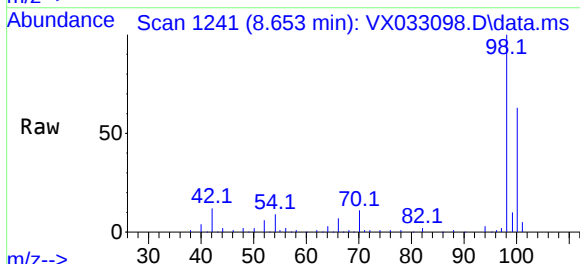
Instrument :
MSVOA_X
ClientSampleId :
IBLK

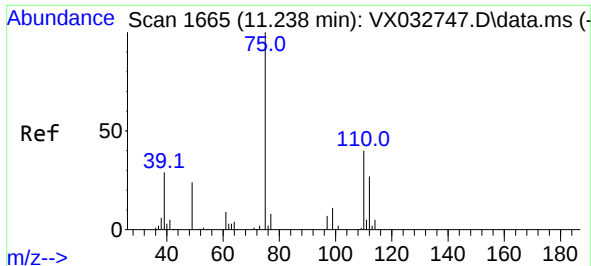
Tgt Ion: 95 Resp: 39062
Ion Ratio Lower Upper
95 100
174 83.0 68.2 102.2
176 78.7 68.1 102.1



#63
Toluene-d8
Concen: 29.980 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

Tgt Ion: 98 Resp: 76019
Ion Ratio Lower Upper
98 100
100 63.7 53.8 80.8

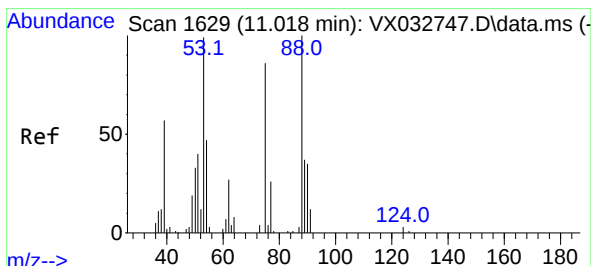
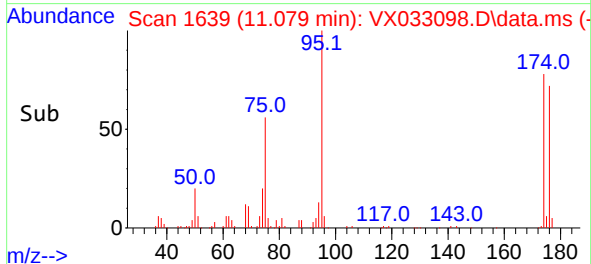
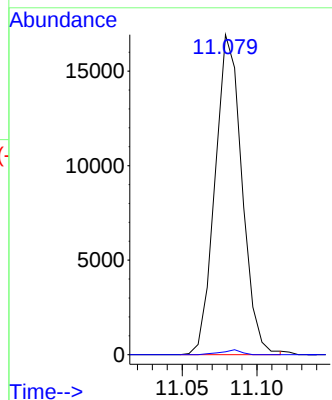
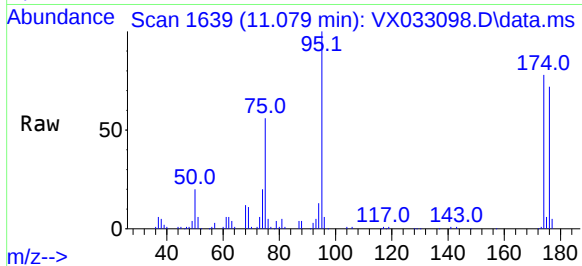




#72
1,2,3-Trichloropropane
Concen: 14.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 21202
Ion Ratio Lower Upper
75 100
77 1.1 0.0 76.6



#77
t-1,4-Dichloro-2-butene
Concen: 47.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033098.D
Acq: 28 Nov 2022 18:33

Tgt Ion: 75 Resp: 21202
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.4#
89 0.0 22.9 68.8#

