

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072324\
 Data File : VX042460.D
 Acq On : 23 Jul 2024 10:10
 Operator : JC/MD
 Sample : VX0723WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 23 15:09:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 2024
 Response via : Initial Calibration

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

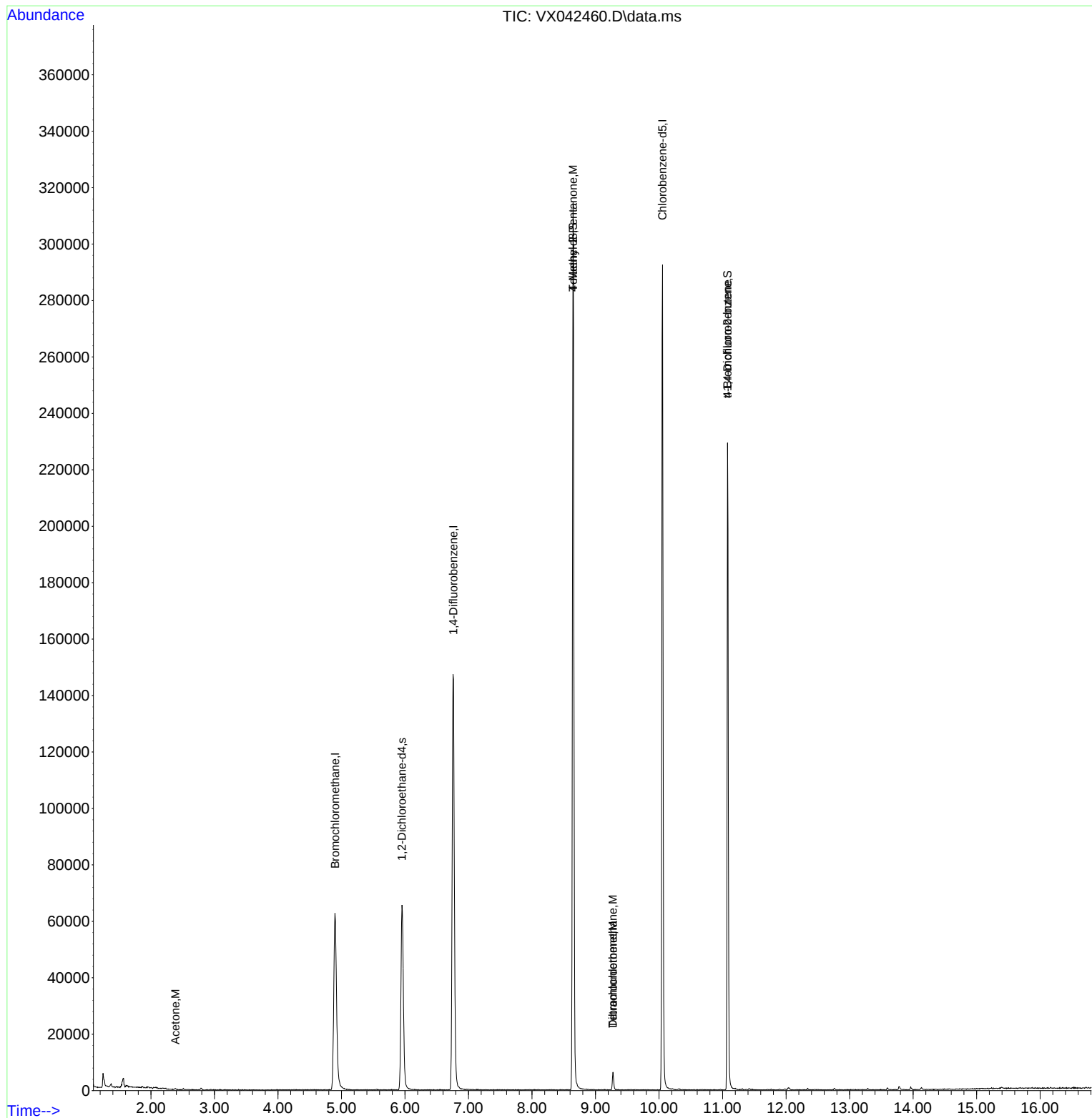
Internal Standards						
1) Bromochloromethane	4.897	128	30799	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	163370	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	145773	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	63756	28.899	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.333%
60) 4-Bromofluorobenzene	11.079	95	60183	26.535	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.433%
63) Toluene-d8	8.647	98	191186	30.192	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.633%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	97	0.294	ug/l #	28
53) Dibromochloromethane	9.275	129	1235	0.617	ug/l #	11
58) 4-Methyl-2-Pentanone	8.647	43	688	0.268	ug/l #	1
61) Tetrachloroethene	9.275	164	1469	0.831	ug/l #	81
77) t-1,4-Dichloro-2-butene	11.079	75	27846	34.488	ug/l #	7

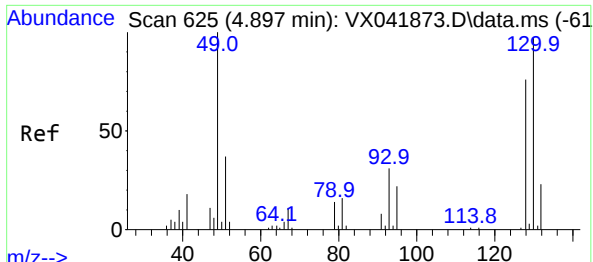
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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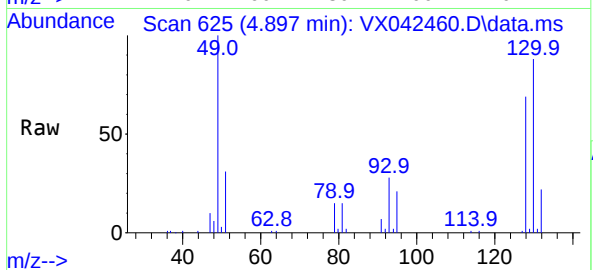
Quant Time: Jul 23 15:09:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 11:30:14 2024
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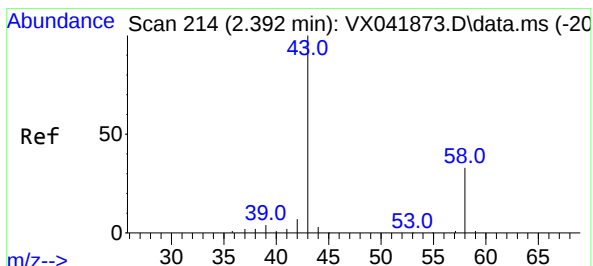
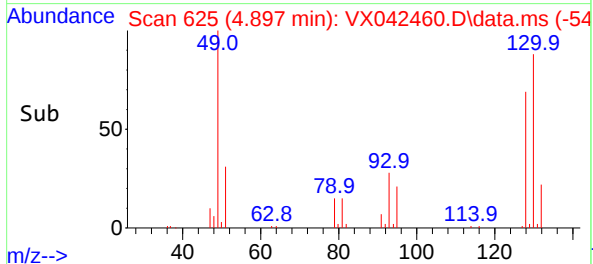
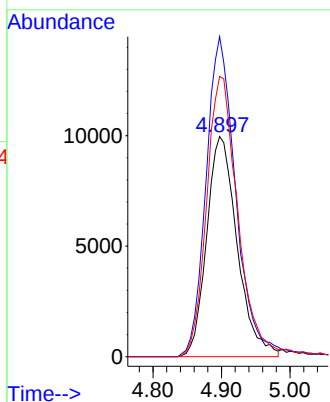


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042460.D
Acq: 23 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :

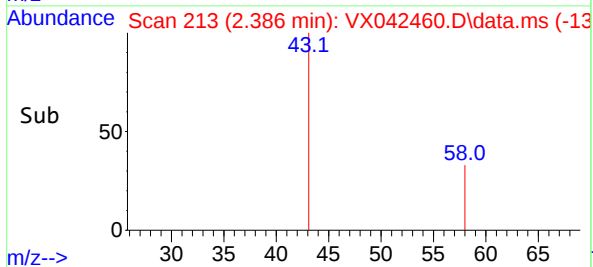
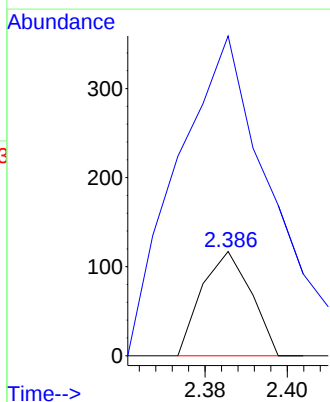
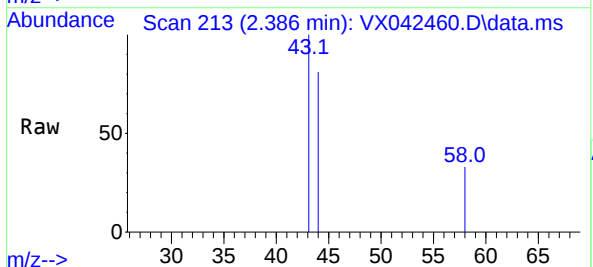


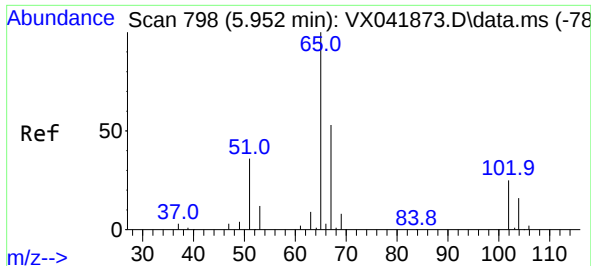
Tgt Ion:128 Resp: 30799
Ion Ratio Lower Upper
128 100
49 144.1 0.0 338.5
130 130.7 0.0 324.5



#15
Acetone
Concen: 0.294 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042460.D
Acq: 23 Jul 2024 10:10

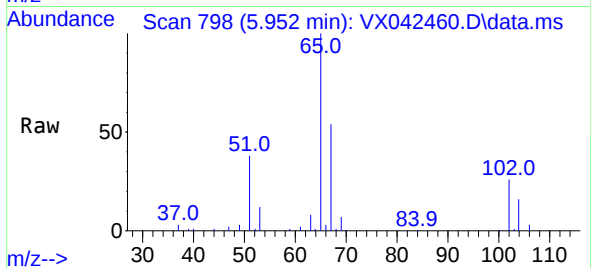
Tgt Ion: 58 Resp: 97
Ion Ratio Lower Upper
58 100
43 162.4 243.4 365.2#



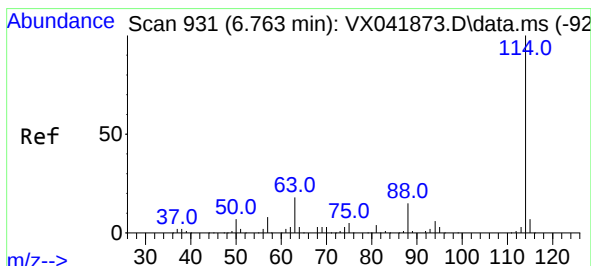
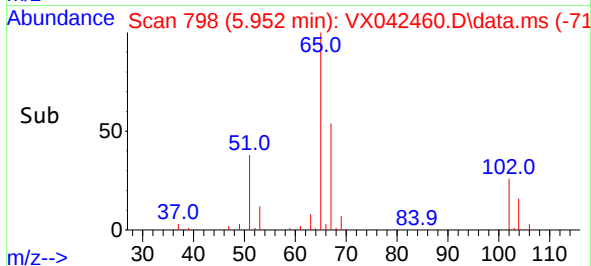
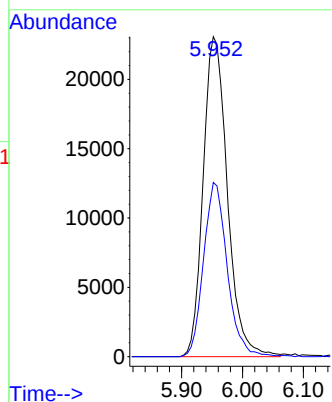


#27
1,2-Dichloroethane-d4
Concen: 28.899 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042460.D
Acq: 23 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :

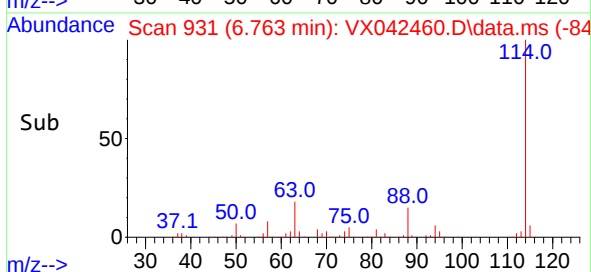
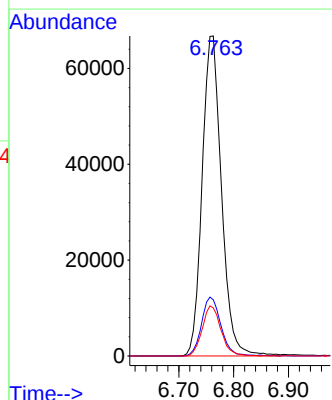
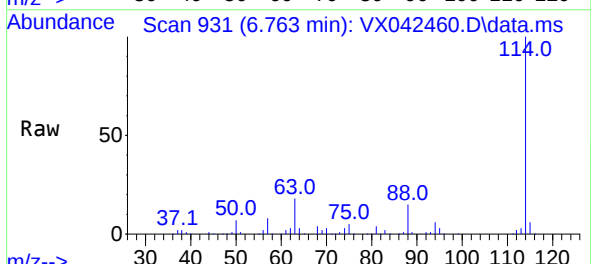


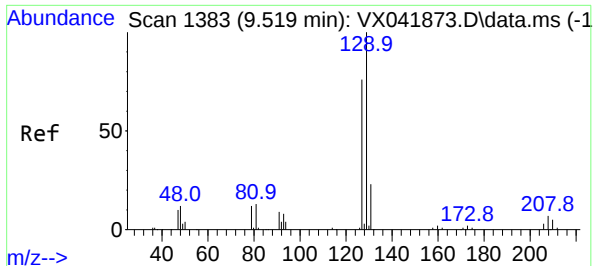
Tgt Ion: 65 Resp: 63756
Ion Ratio Lower Upper
65 100
67 53.2 43.4 65.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042460.D
Acq: 23 Jul 2024 10:10

Tgt Ion: 114 Resp: 163370
Ion Ratio Lower Upper
114 100
63 18.3 14.6 21.8
88 15.2 11.8 17.8

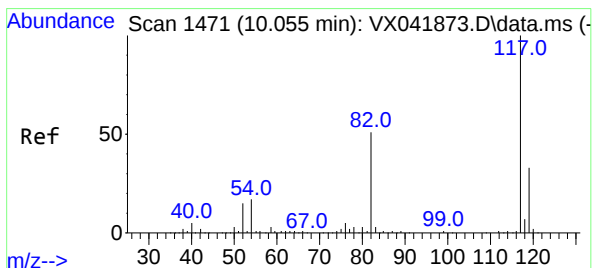
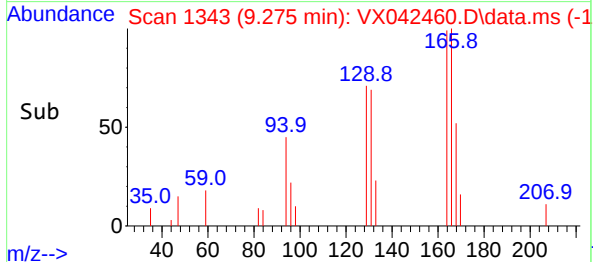
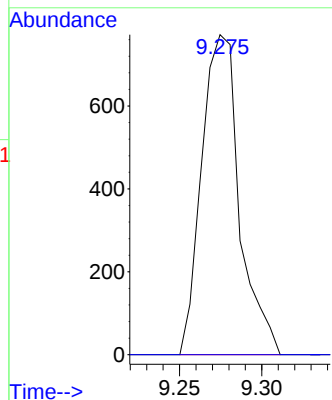
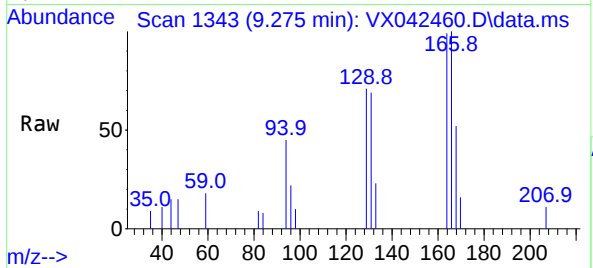




#53
Dibromochloromethane
Concen: 0.617 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX042460.D
Acq: 23 Jul 2024 10:10

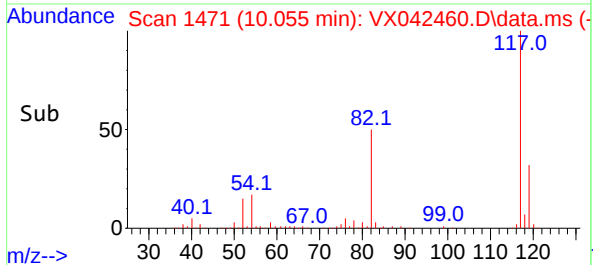
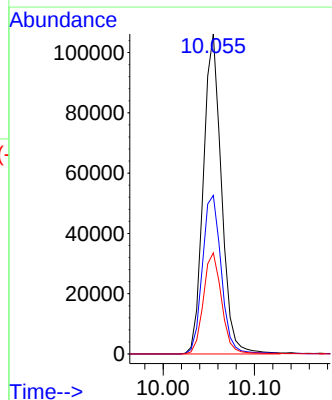
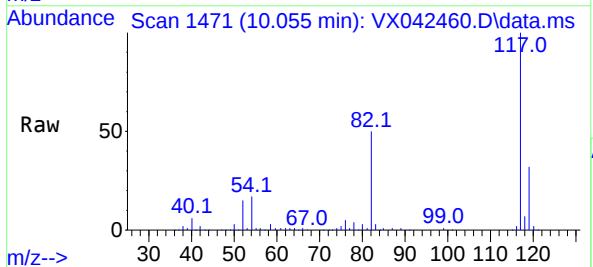
Instrument :
MSVOA_X
ClientSampleId :

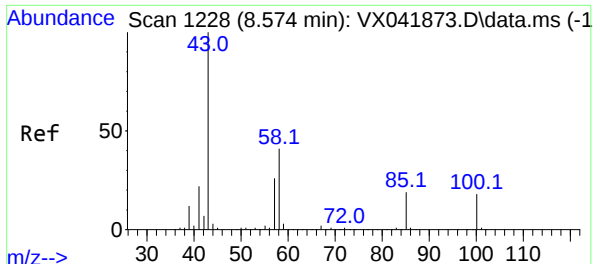
Tgt Ion:129 Resp: 1235
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042460.D
Acq: 23 Jul 2024 10:10

Tgt Ion:117 Resp: 145773
Ion Ratio Lower Upper
117 100
82 51.7 41.1 61.7
119 31.8 26.1 39.1





#58

4-Methyl-2-Pentanone

Concen: 0.268 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX042460.D

Acq: 23 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

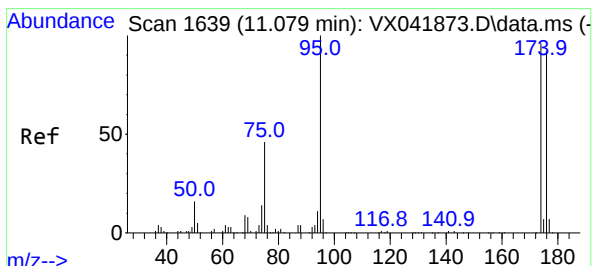
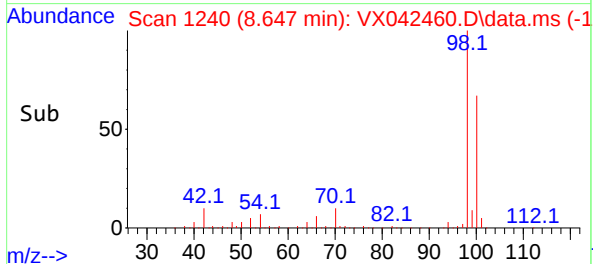
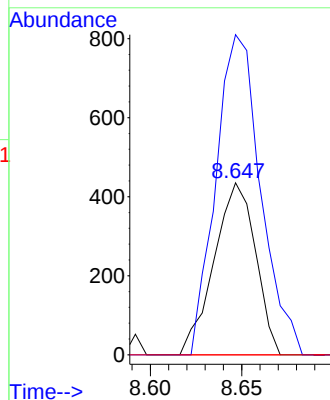
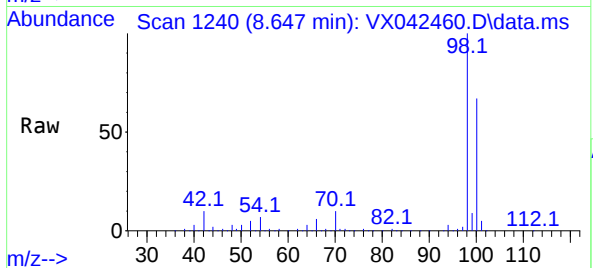
Tgt Ion: 43 Resp: 688

Ion Ratio Lower Upper

43 100

58 201.2 33.2 49.8#

85 0.0 15.5 23.3#



#60

4-Bromofluorobenzene

Concen: 26.535 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX042460.D

Acq: 23 Jul 2024 10:10

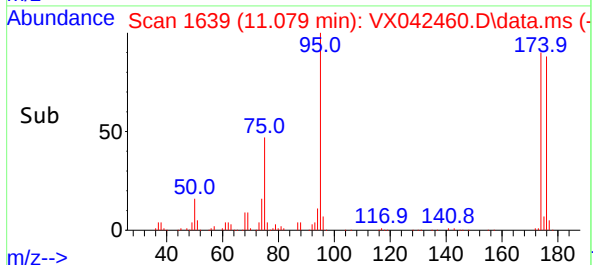
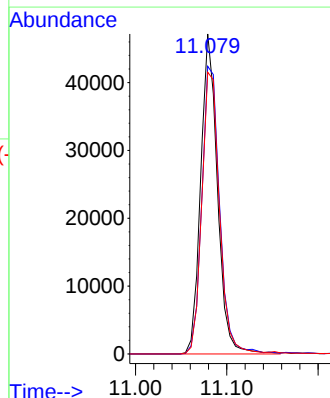
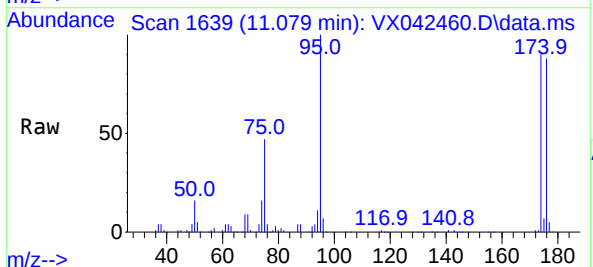
Tgt Ion: 95 Resp: 60183

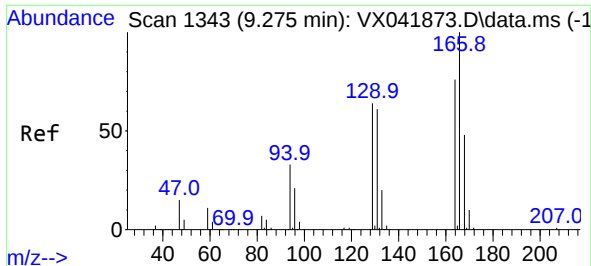
Ion Ratio Lower Upper

95 100

174 95.2 78.9 118.3

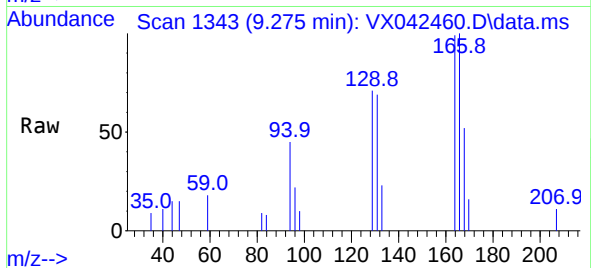
176 93.1 77.1 115.7



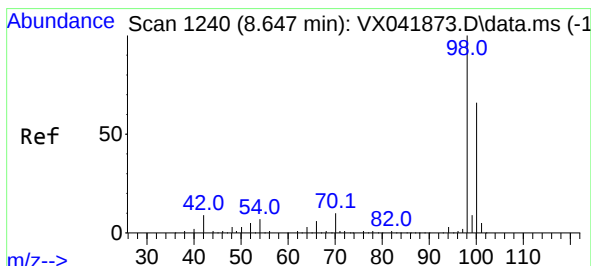
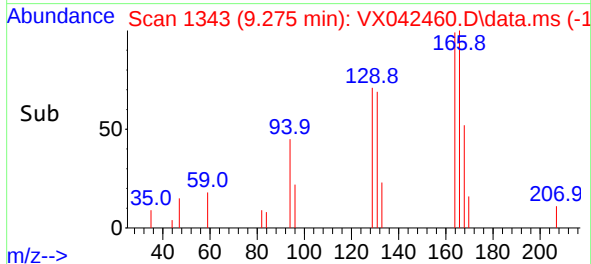
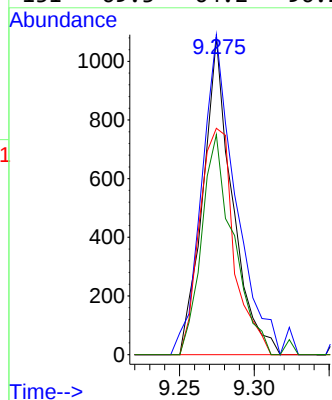


#61
Tetrachloroethene
Concen: 0.831 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042460.D
Acq: 23 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :

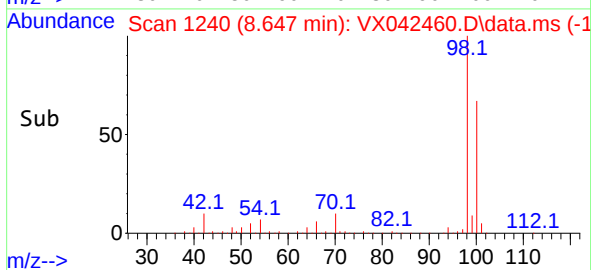
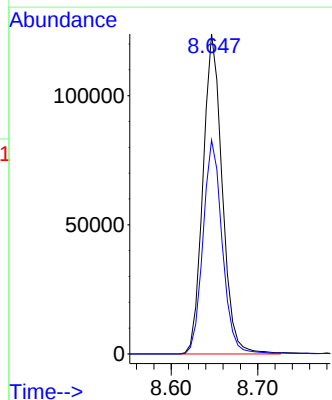
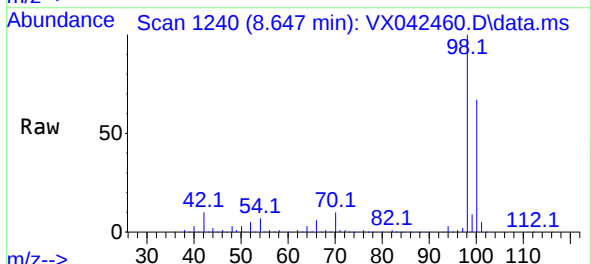


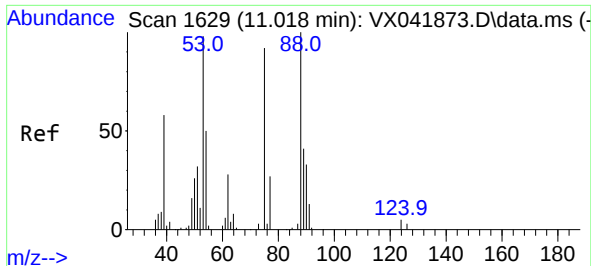
Tgt Ion:164 Resp: 1469
Ion Ratio Lower Upper
164 100
166 100.7 105.0 157.6#
129 71.3 67.1 100.7
131 69.3 64.2 96.2



#63
Toluene-d8
Concen: 30.192 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042460.D
Acq: 23 Jul 2024 10:10

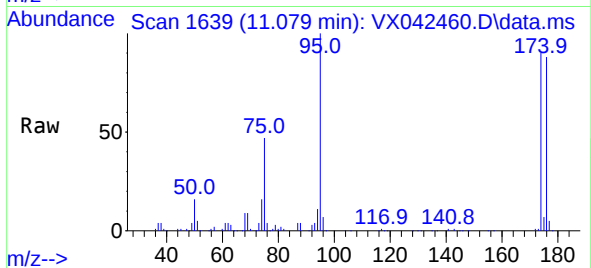
Tgt Ion: 98 Resp: 191186
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1





#77
t-1,4-Dichloro-2-butene
Concen: 34.488 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX042460.D
Acq: 23 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 27846
Ion Ratio Lower Upper
75 100
53 0.0 53.4 160.2#
89 0.0 22.5 67.5#

