

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034964.D
 Acq On : 07 Apr 2023 11:59
 Operator : JC/MD
 Sample : VX0407WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBL01

Quant Time: Apr 07 23:57:58 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)

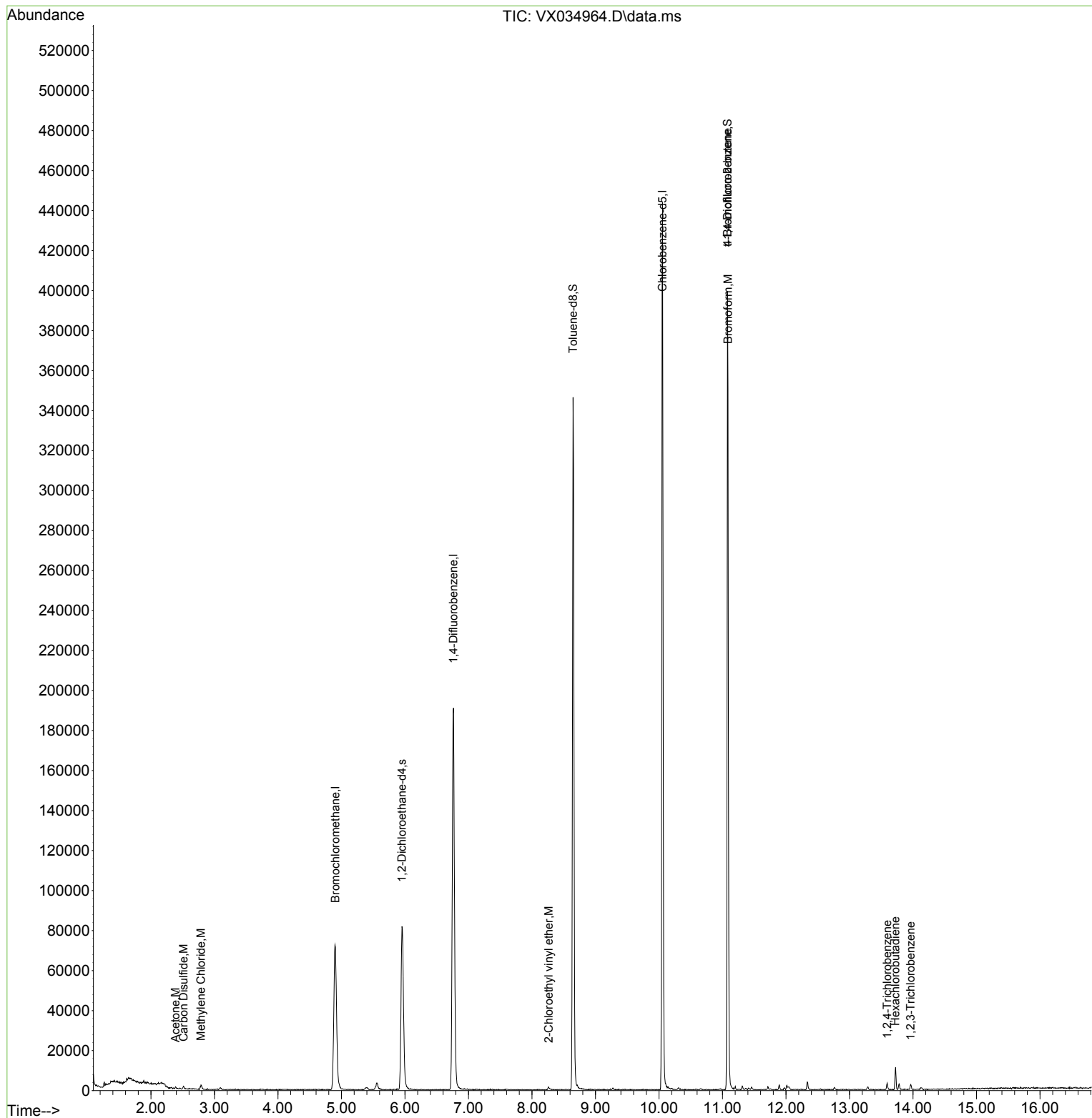
Internal Standards						
1) Bromochloromethane	4.904	128	29693	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	190381	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	195297	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	83724	29.346	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.833%
60) 4-Bromofluorobenzene	11.079	95	110152	28.227	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.100%
63) Toluene-d8	8.647	98	200046	30.142	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.467%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	214	0.439	ug/l #	22
16) Carbon Disulfide	2.514	76	1598	0.212	ug/l #	79
18) Methylene Chloride	2.788	84	945	0.272	ug/l #	88
55) 2-Chloroethyl vinyl ether	8.263	63	641	0.237	ug/l #	83
56) Bromoform	11.085	173	817	0.378	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	59677	46.887	ug/l #	4
89) 1,2,4-Trichlorobenzene	13.591	180	889	0.241	ug/l	90
90) Hexachlorobutadiene	13.719	225	1337	0.940	ug/l	96
92) 1,2,3-Trichlorobenzene	13.963	180	883	0.240	ug/l	89

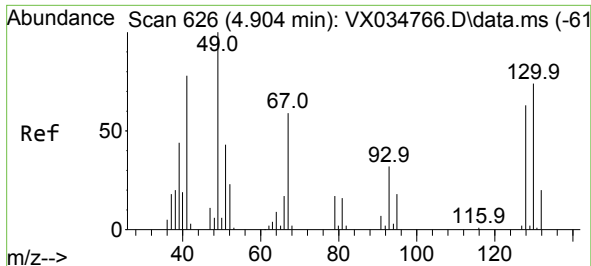
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VX0407WBL01

Quant Time: Apr 07 23:57:58 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

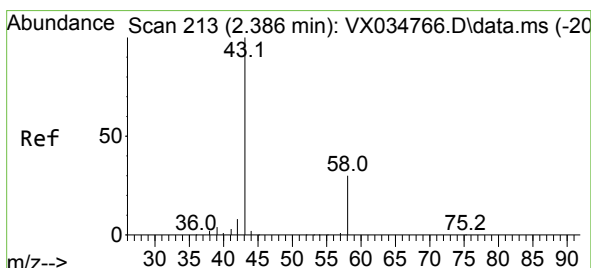
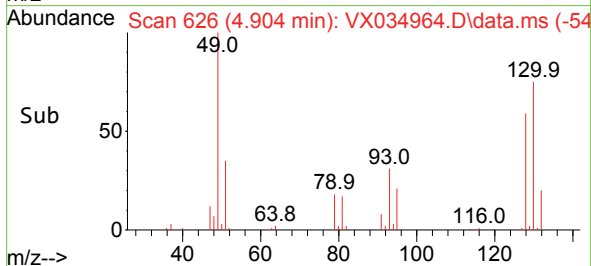
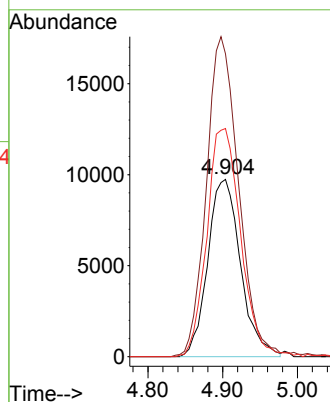
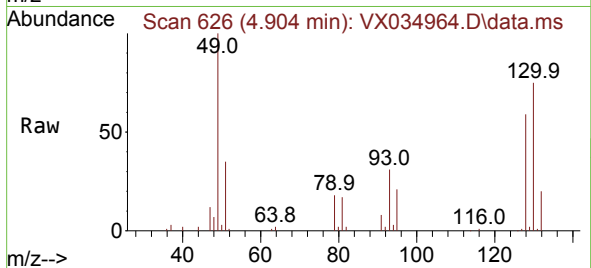




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

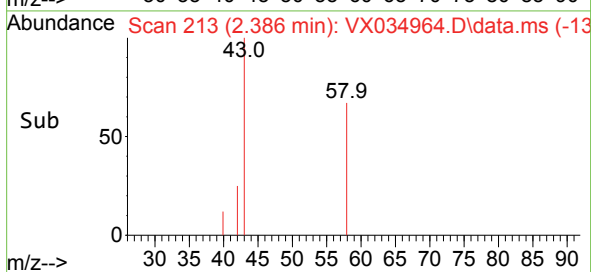
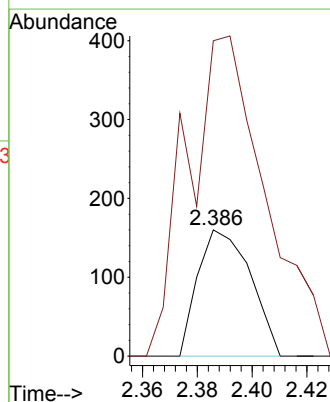
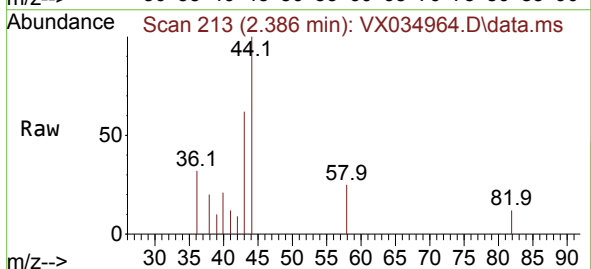
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL01

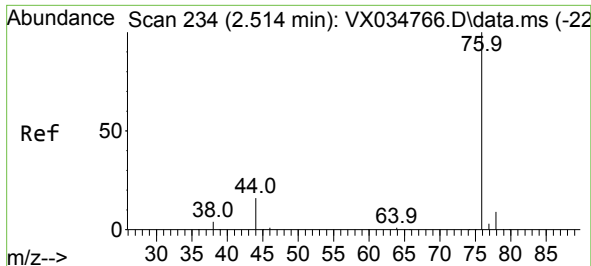
Tgt Ion	Ratio	Lower	Upper
128	100		
49	177.3	0.0	428.8
130	132.2	0.0	310.8



#15
Acetone
Concen: 0.439 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

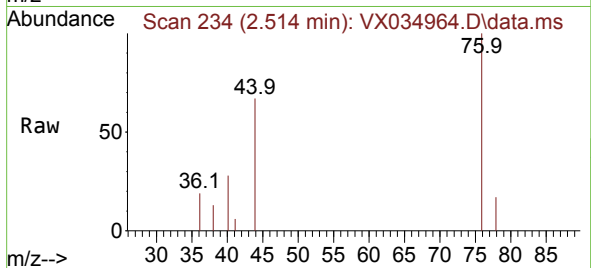
Tgt Ion	Ratio	Lower	Upper
58	100		
43	171.9	270.8	406.2#



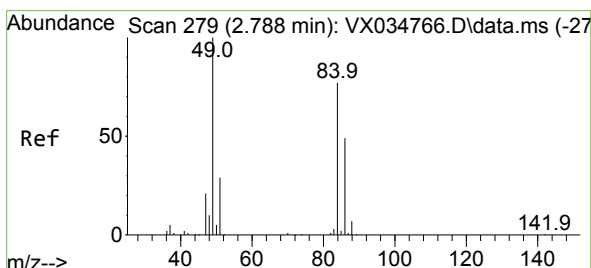
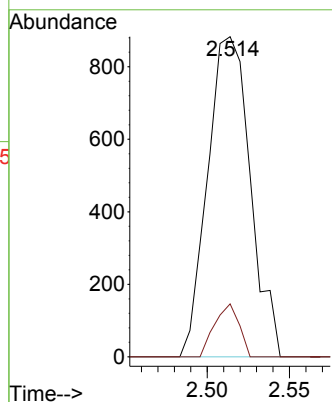
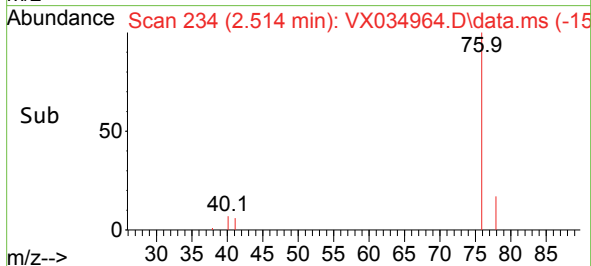


#16
Carbon Disulfide
Concen: 0.212 ug/l
RT: 2.514 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

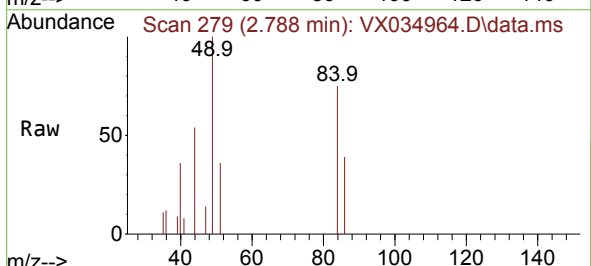
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL01



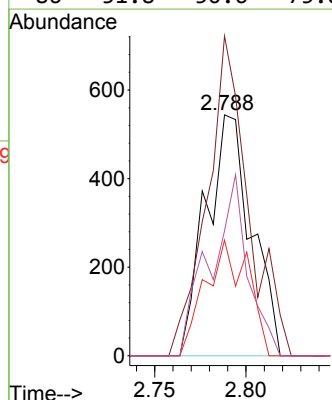
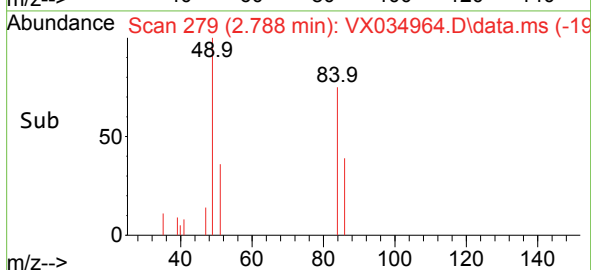
Tgt Ion: 76 Resp: 1598
Ion Ratio Lower Upper
76 100
78 16.5 7.0 10.6#

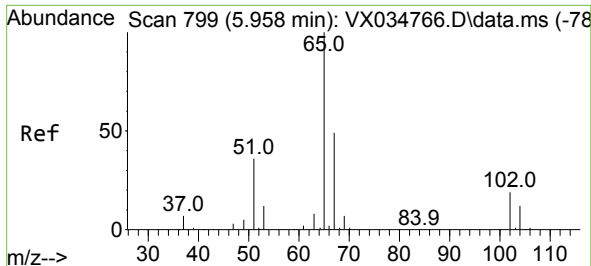


#18
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59



Tgt Ion: 84 Resp: 945
Ion Ratio Lower Upper
84 100
49 117.8 103.9 155.9
51 48.0 30.6 45.8#
86 51.8 50.6 75.8

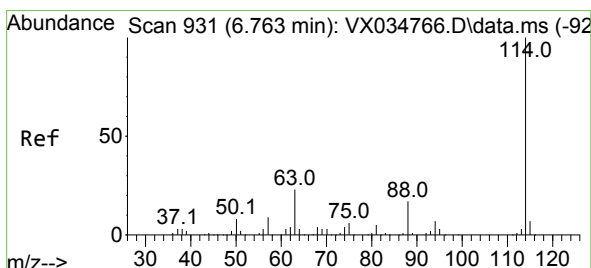
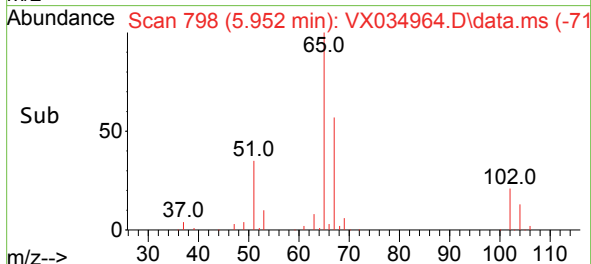
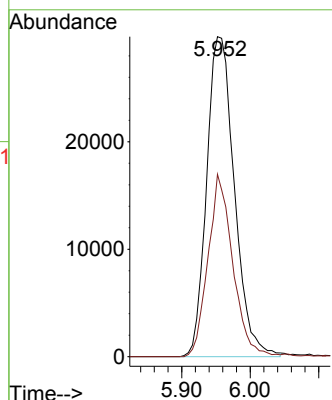
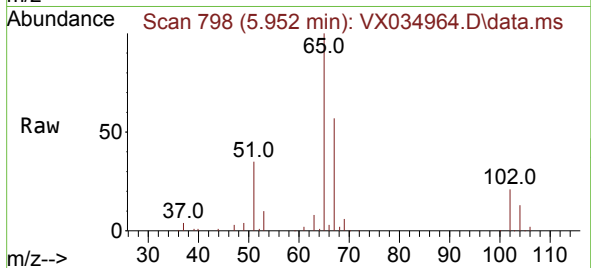




#27
1,2-Dichloroethane-d4
Concen: 29.346 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

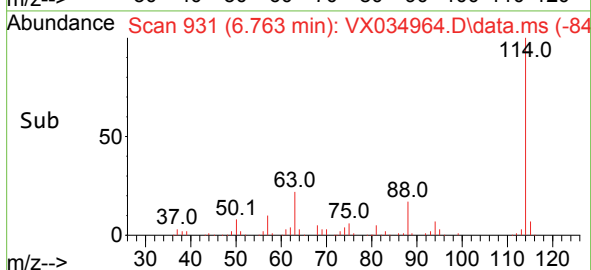
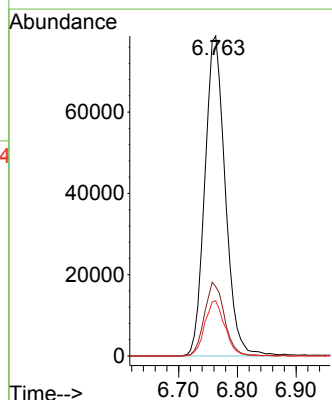
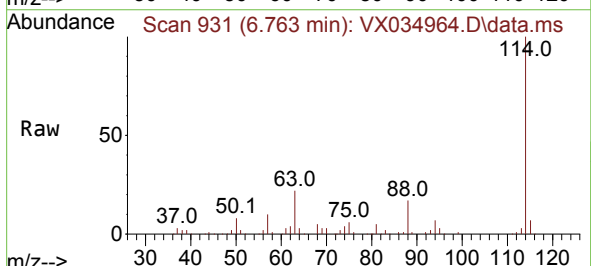
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL01

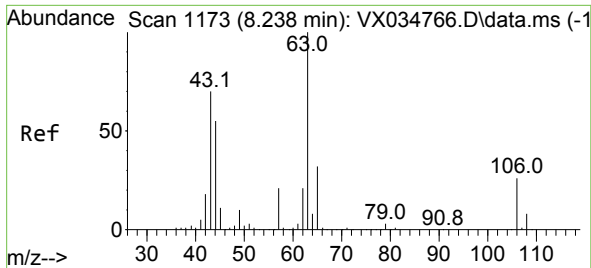
Tgt Ion: 65 Resp: 83724
Ion Ratio Lower Upper
65 100
67 50.9 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

Tgt Ion: 114 Resp: 190381
Ion Ratio Lower Upper
114 100
63 22.5 18.0 27.0
88 17.1 13.3 19.9

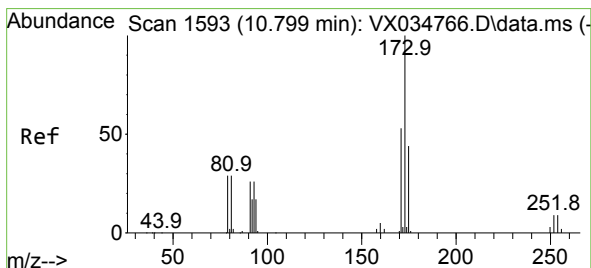
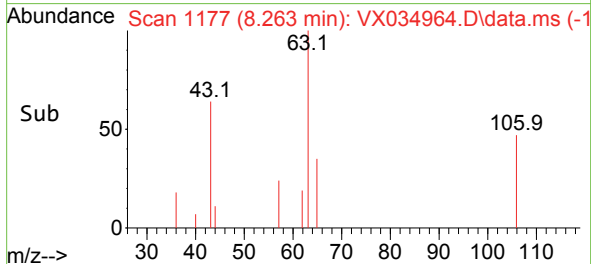
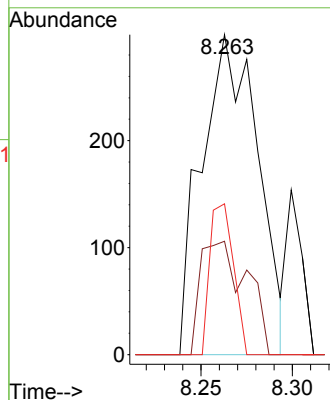
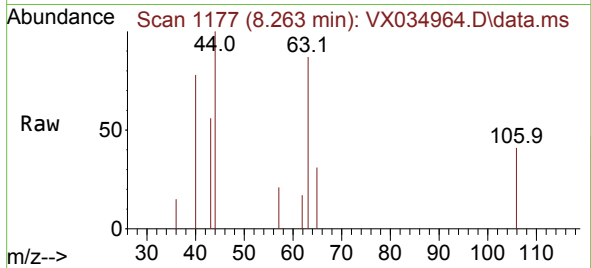




#55
2-Chloroethyl vinyl ether
Concen: 0.237 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.025 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

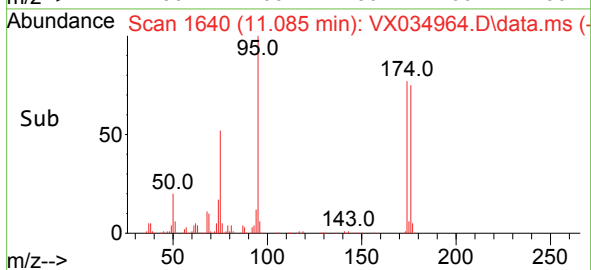
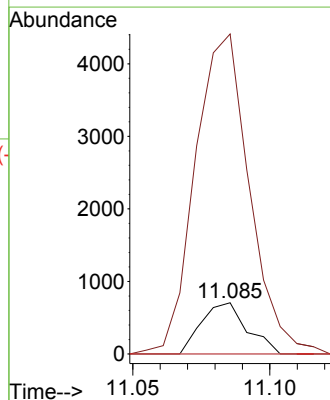
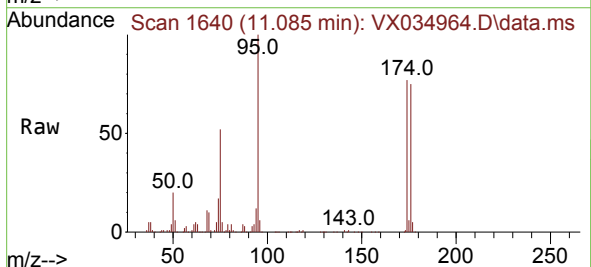
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL01

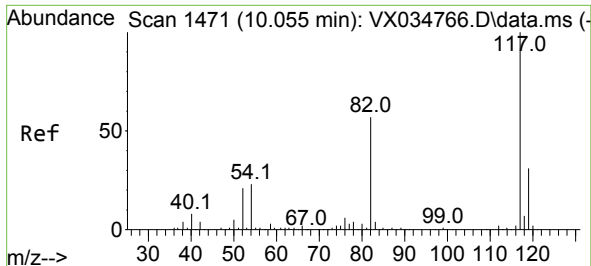
Tgt Ion: 63 Resp: 641
Ion Ratio Lower Upper
63 100
65 20.7 25.4 38.2#
106 19.8 21.6 32.4#



#56
Bromoform
Concen: 0.378 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.286 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

Tgt Ion: 173 Resp: 817
Ion Ratio Lower Upper
173 100
175 744.4 37.0 55.4#
254 0.0 6.7 10.1#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034964.D

Acq: 07 Apr 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBL01

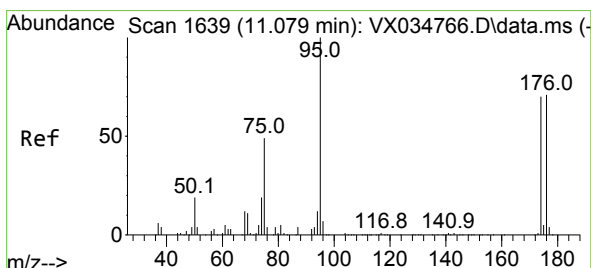
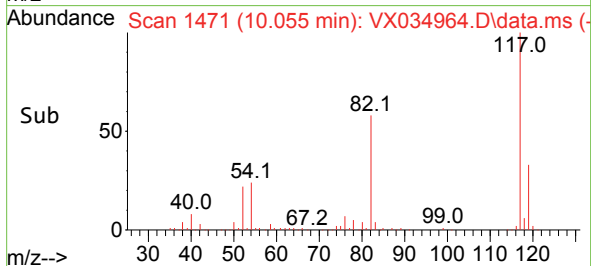
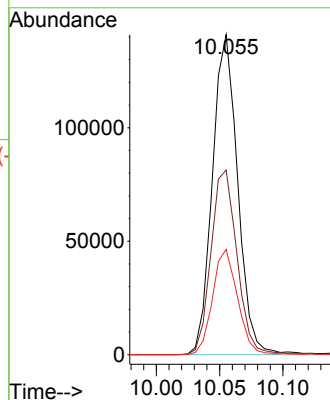
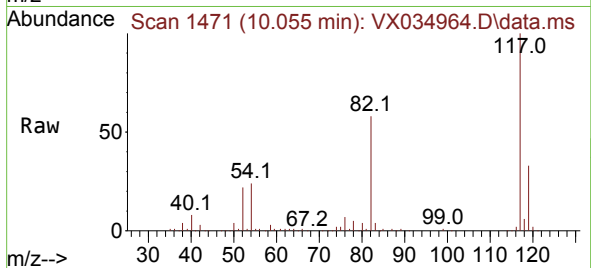
Tgt Ion:117 Resp: 195297

Ion Ratio Lower Upper

117 100

82 59.6 45.8 68.8

119 32.7 25.4 38.0



#60

4-Bromofluorobenzene

Concen: 28.227 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034964.D

Acq: 07 Apr 2023 11:59

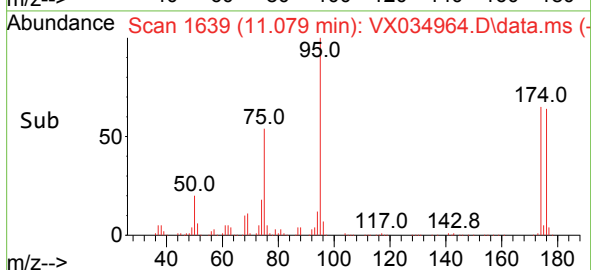
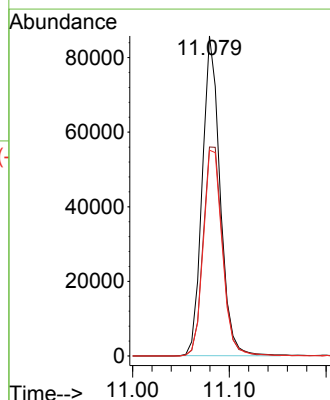
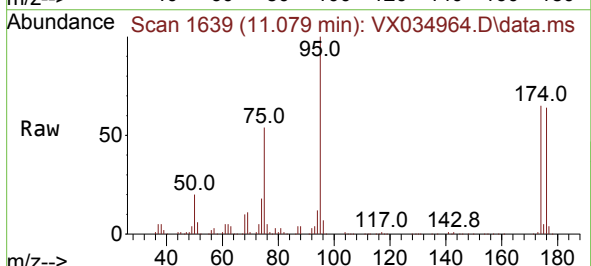
Tgt Ion: 95 Resp: 110152

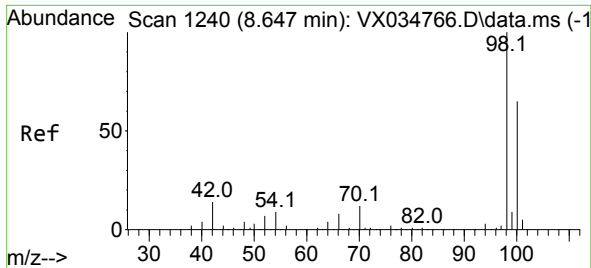
Ion Ratio Lower Upper

95 100

174 70.9 0.2 0.4#

176 69.0 0.2 0.2#

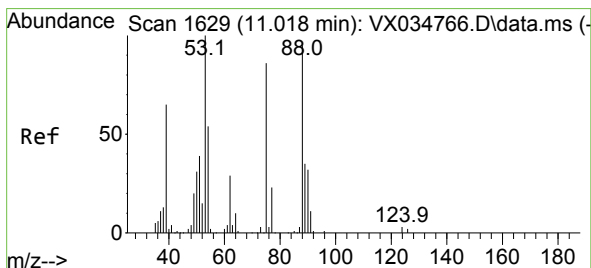
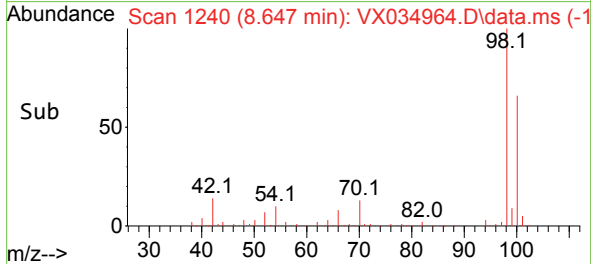
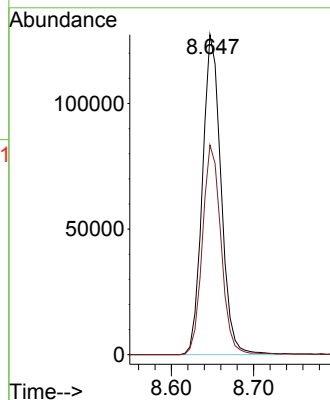
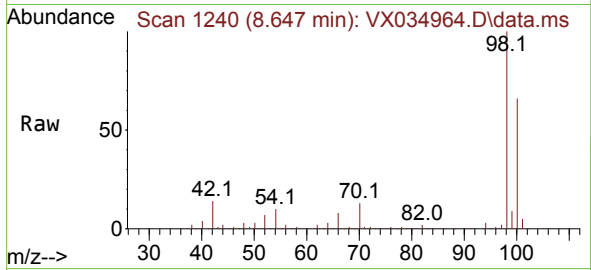




#63
Toluene-d8
Concen: 30.142 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

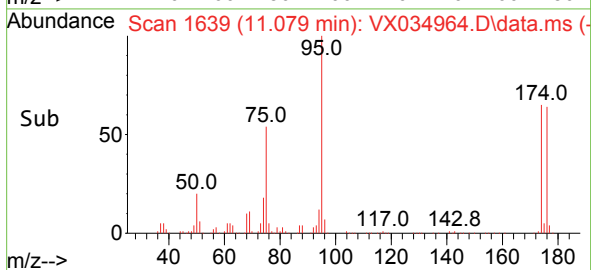
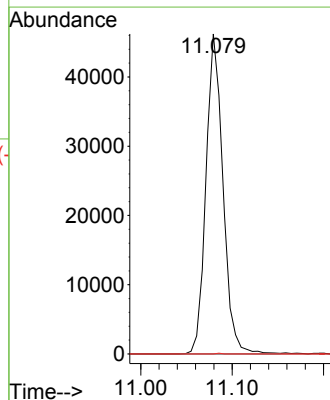
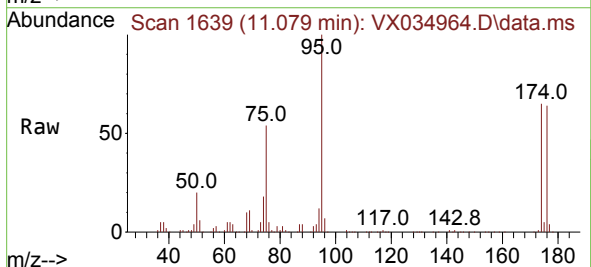
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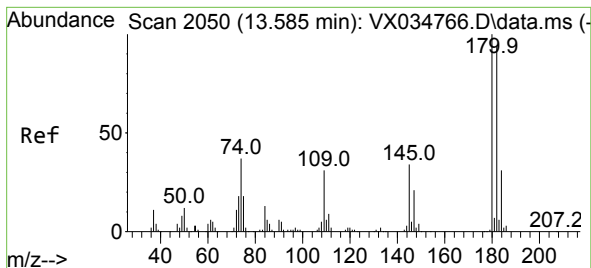
Tgt Ion: 98 Resp: 200046
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#77
t-1,4-Dichloro-2-butene
Concen: 46.887 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

Tgt Ion: 75 Resp: 59677
Ion Ratio Lower Upper
75 100
53 0.0 58.2 174.6#
89 0.0 20.6 61.8#





#89

1,2,4-Trichlorobenzene

Concen: 0.241 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034964.D

Acq: 07 Apr 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBL01

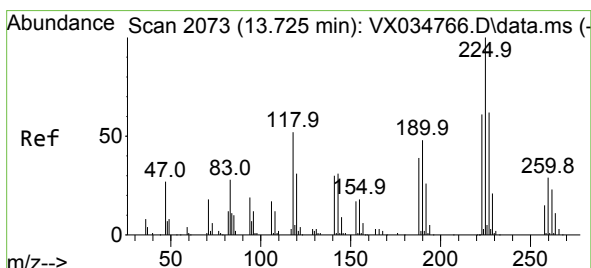
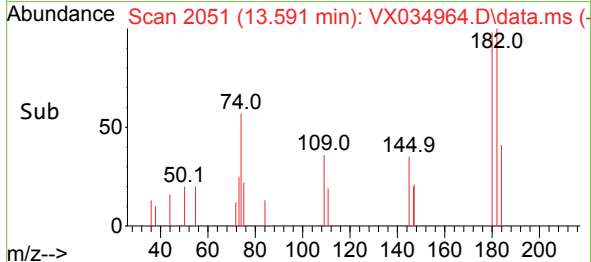
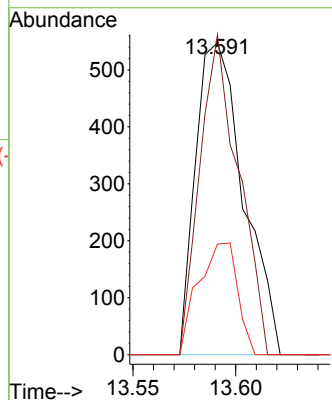
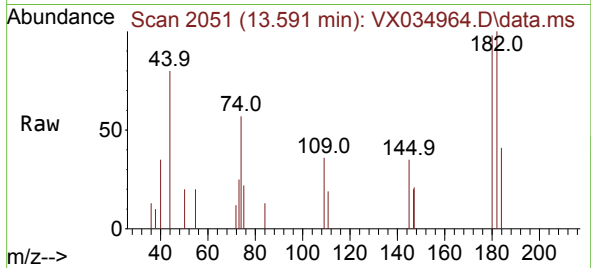
Tgt Ion:180 Resp: 889

Ion Ratio Lower Upper

180 100

182 83.1 75.8 113.8

145 29.1 25.8 38.6



#90

Hexachlorobutadiene

Concen: 0.940 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX034964.D

Acq: 07 Apr 2023 11:59

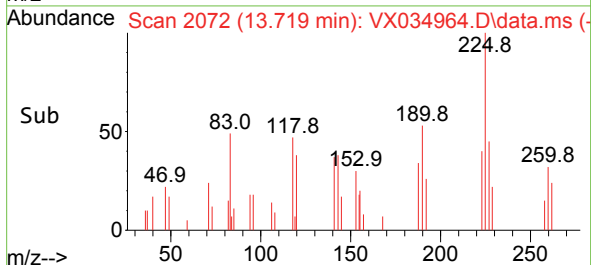
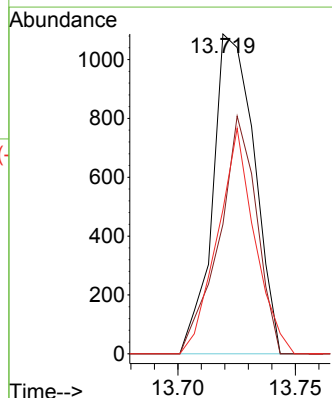
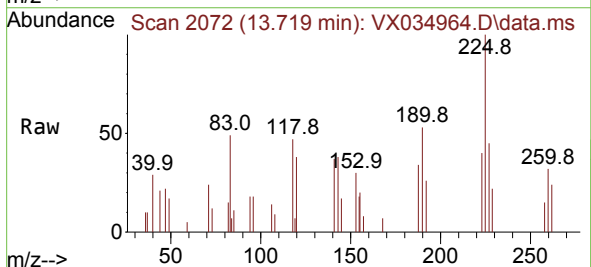
Tgt Ion:225 Resp: 1337

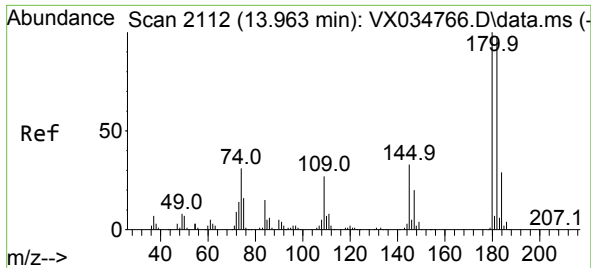
Ion Ratio Lower Upper

225 100

223 66.9 0.0 124.2

227 63.1 0.0 122.8





#92

1,2,3-Trichlorobenzene

Concen: 0.240 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX034964.D

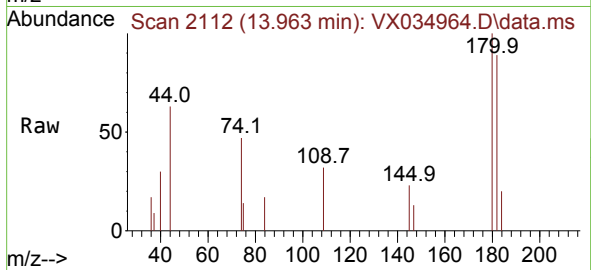
Acq: 07 Apr 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBL01



Tgt Ion:180 Resp: 883

Ion Ratio Lower Upper

180 100

182 89.1 0.0 191.0

145 20.0 0.0 66.8

