

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033218.D
 Acq On : 05 Dec 2022 11:40
 Operator : JC/MD
 Sample : VX1205WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBL01

Quant Time: Dec 06 05:40:12 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)

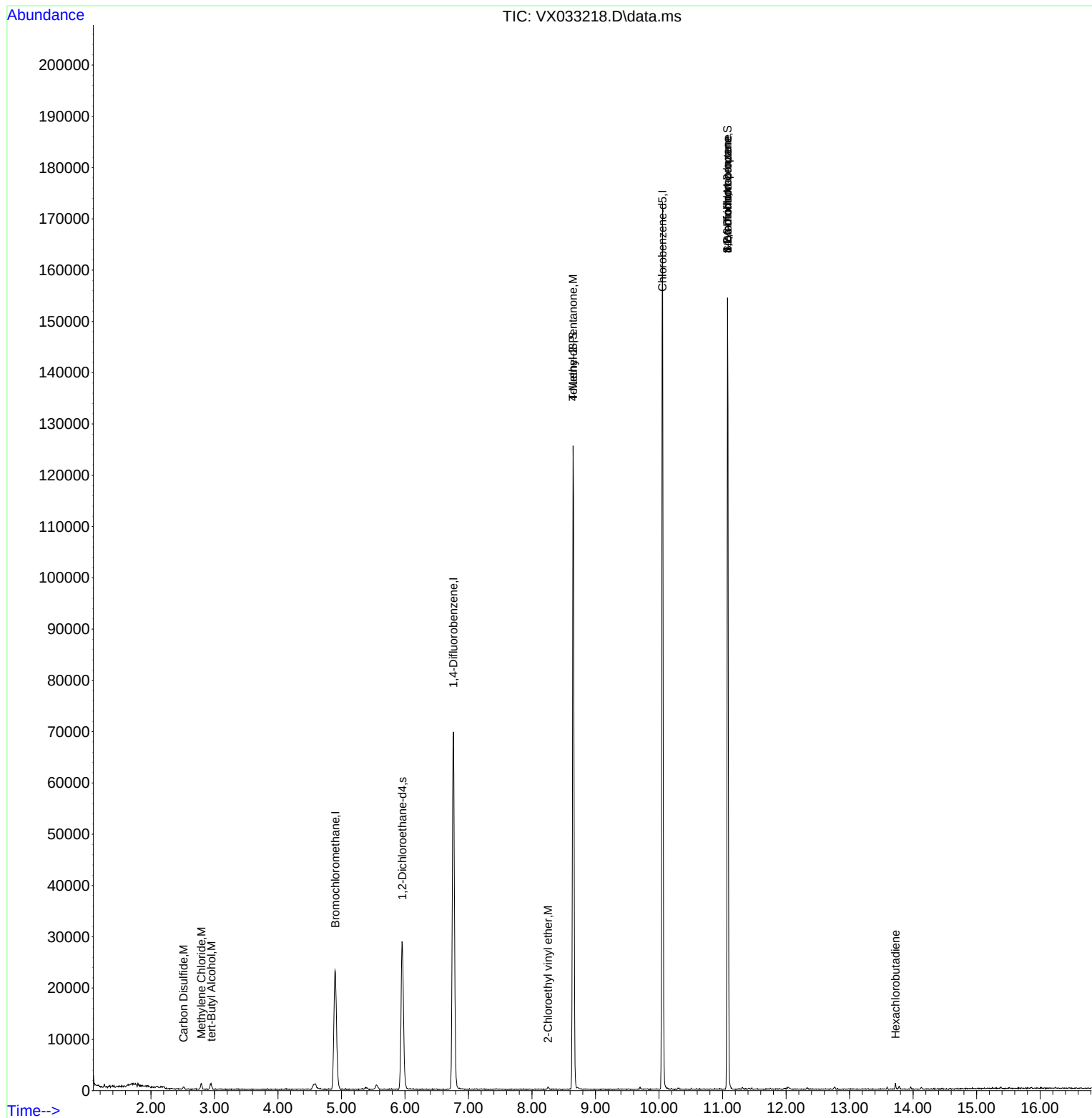
Internal Standards						
1) Bromochloromethane	4.903	128	10117	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	72338	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	76345	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	29710	30.440	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.467%
60) 4-Bromofluorobenzene	11.079	95	38309	26.232	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.433%
63) Toluene-d8	8.647	98	76365	29.639	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.800%
Target Compounds						
					Qvalue	
16) Carbon Disulfide	2.514	76	621	0.253	ug/l #	74
18) Methylene Chloride	2.794	84	525	0.463	ug/l #	84
23) tert-Butyl Alcohol	2.953	59	656	3.866	ug/l #	100
55) 2-Chloroethyl vinyl ether	8.250	63	285	0.329	ug/l #	41
56) Bromoform	11.079	173	439	0.469	ug/l #	1
58) 4-Methyl-2-Pentanone	8.647	43	310	0.207	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	20861	13.948	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	20861	45.707	ug/l #	8
90) Hexachlorobutadiene	13.725	225	253	0.407	ug/l	81

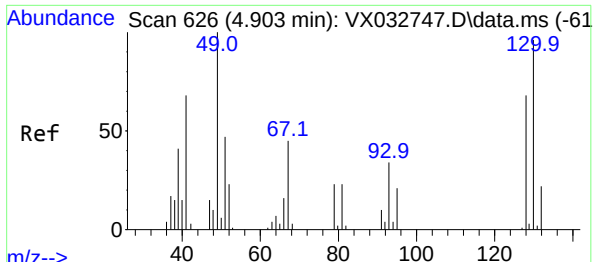
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
Data File : VX033218.D
Acq On : 05 Dec 2022 11:40
Operator : JC/MD
Sample : VX1205WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBL01

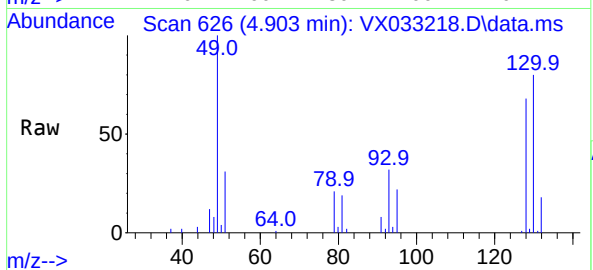
Quant Time: Dec 06 05:40:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 2022
Response via : Initial Calibration



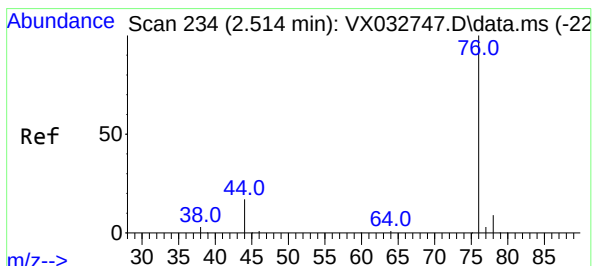
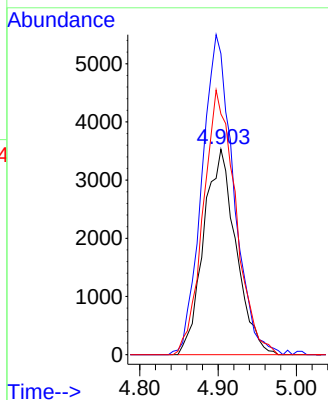
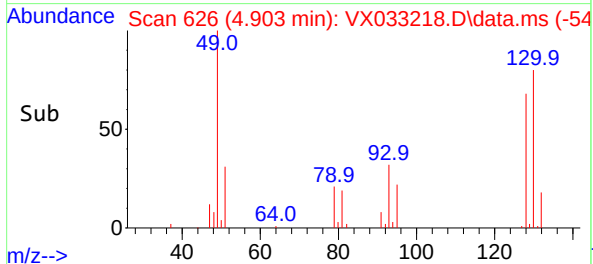


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033218.D
Acq: 05 Dec 2022 11:40

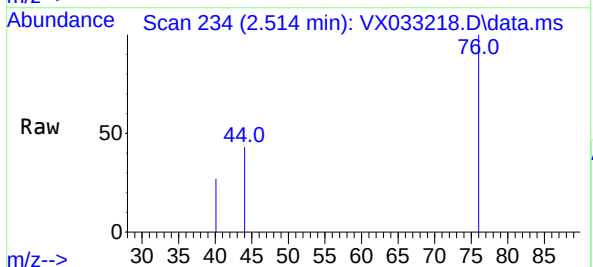
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBL01



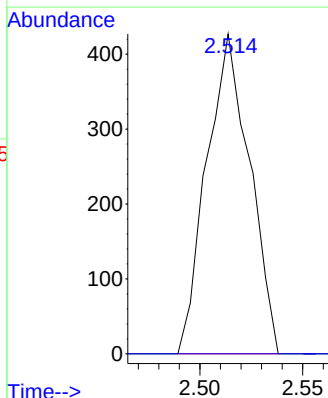
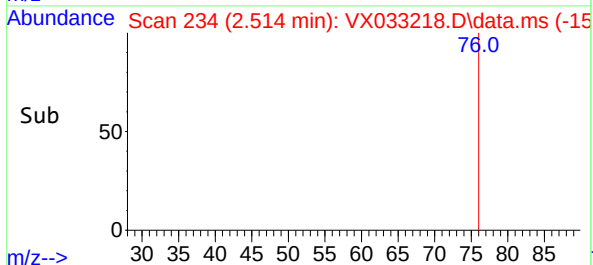
Tgt Ion:128 Resp: 10117
Ion Ratio Lower Upper
128 100
49 153.2 0.0 293.0
130 129.5 0.0 321.5

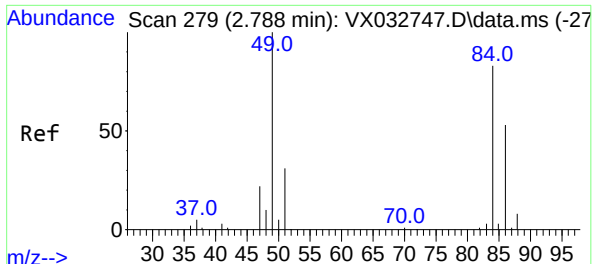


#16
Carbon Disulfide
Concen: 0.253 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033218.D
Acq: 05 Dec 2022 11:40



Tgt Ion: 76 Resp: 621
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

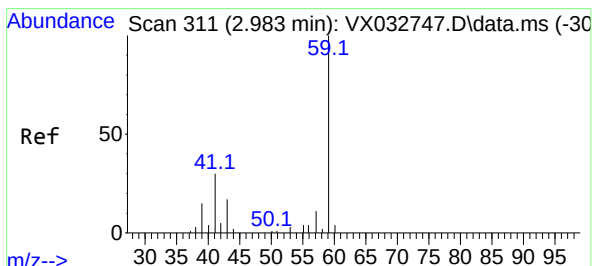
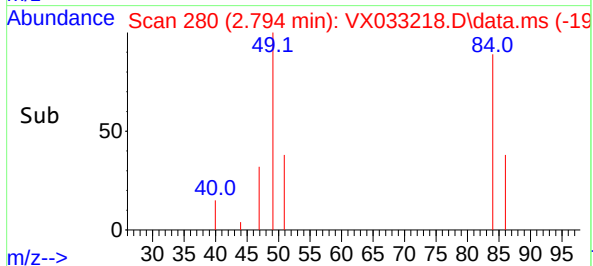
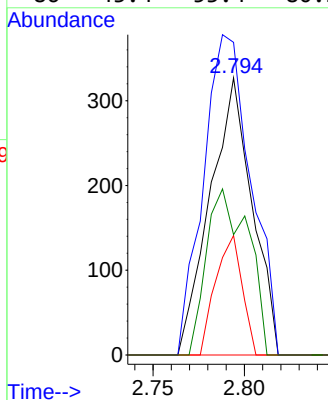
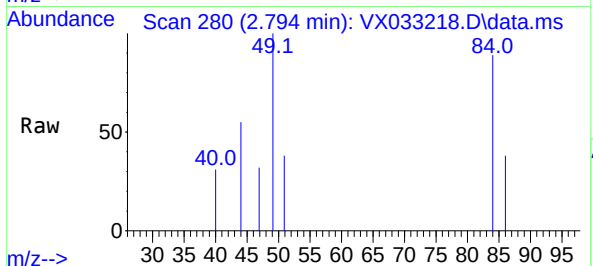




#18
Methylene Chloride
Concen: 0.463 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033218.D
Acq: 05 Dec 2022 11:40

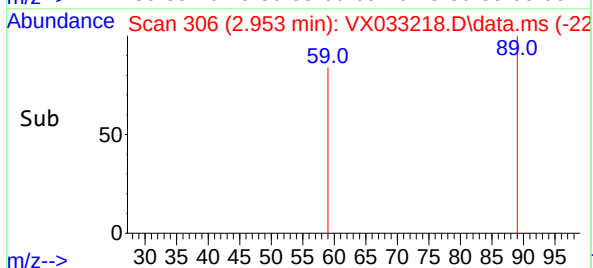
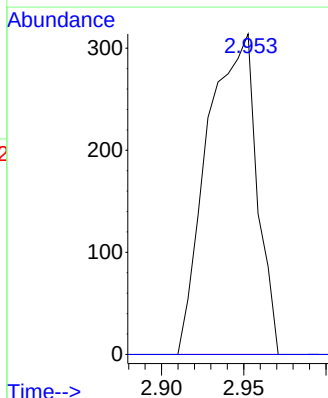
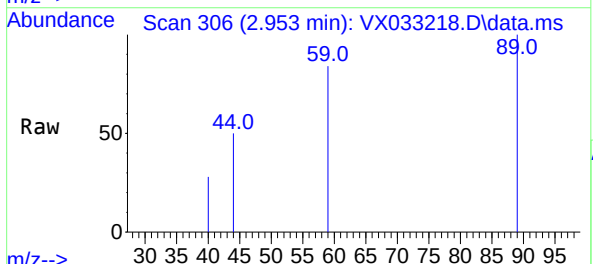
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBL01

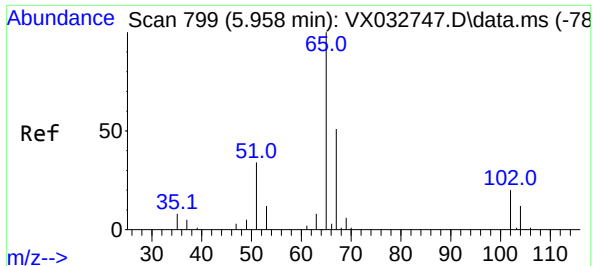
Tgt Ion:	84	Resp:	525
Ion	Ratio	Lower	Upper
84	100		
49	112.8	84.6	127.0
51	43.1	26.5	39.7#
86	43.4	53.4	80.2#



#23
tert-Butyl Alcohol
Concen: 3.866 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX033218.D
Acq: 05 Dec 2022 11:40

Tgt Ion:	59	Resp:	656
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

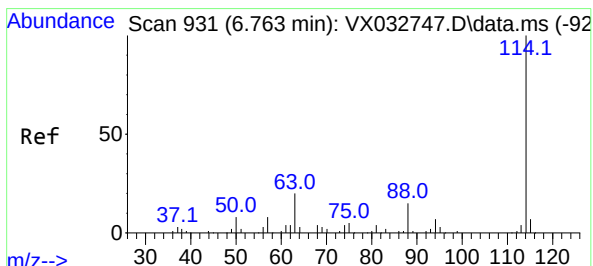
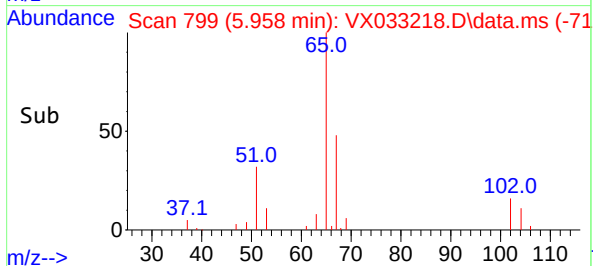
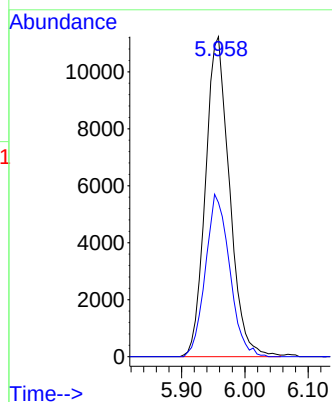
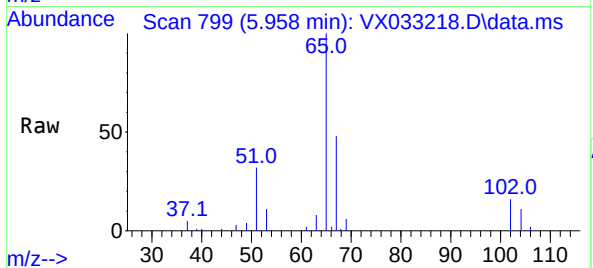




#27
1,2-Dichloroethane-d4
Concen: 30.440 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033218.D
Acq: 05 Dec 2022 11:40

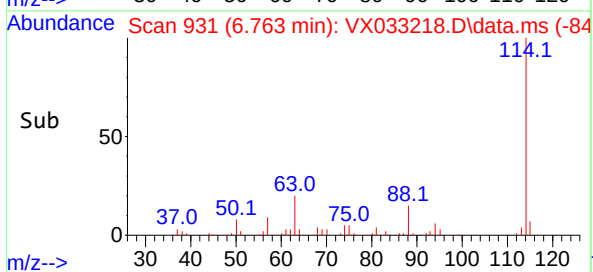
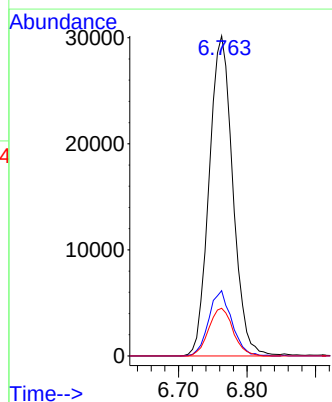
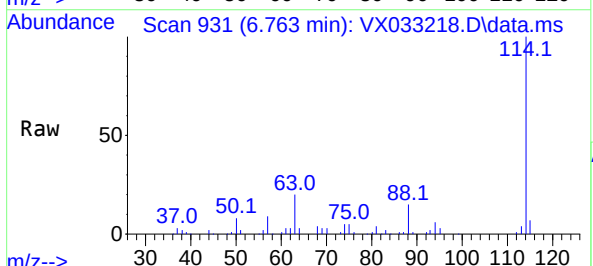
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBL01

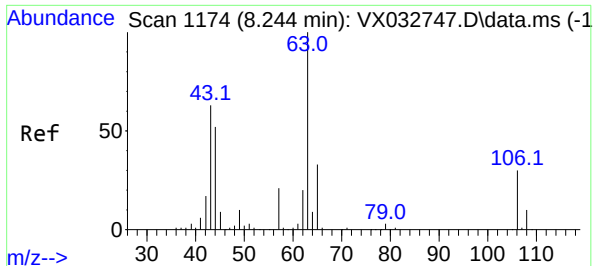
Tgt Ion: 65 Resp: 29710
Ion Ratio Lower Upper
65 100
67 51.1 41.8 62.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033218.D
Acq: 05 Dec 2022 11:40

Tgt Ion: 114 Resp: 72338
Ion Ratio Lower Upper
114 100
63 19.9 13.6 20.4
88 15.3 11.8 17.6





#55

2-Chloroethyl vinyl ether

Concen: 0.329 ug/l

RT: 8.250 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033218.D

Acq: 05 Dec 2022 11:40

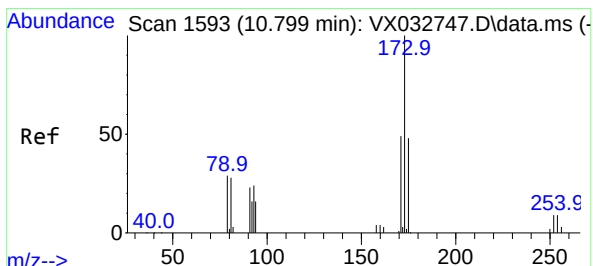
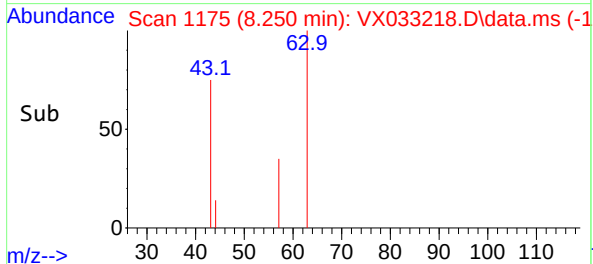
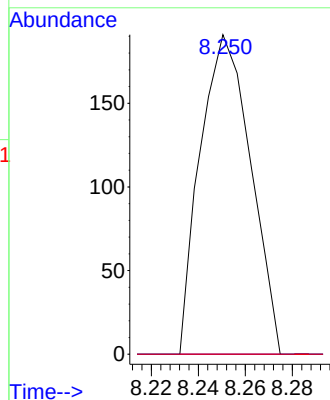
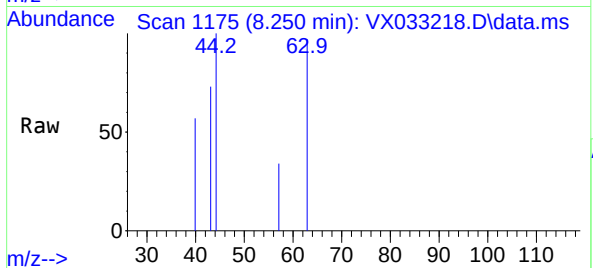
Instrument :

MSVOA_X

ClientSampleId :

VX1205WBL01

Tgt Ion: 63	Resp:	285
Ion	Ratio	Lower Upper
63	100	
65	0.0	25.5 38.3#
106	0.0	28.9 43.3#



#56

Bromoform

Concen: 0.469 ug/l

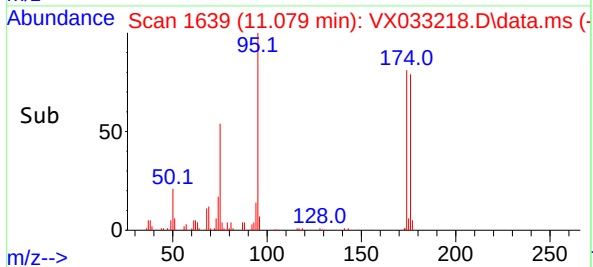
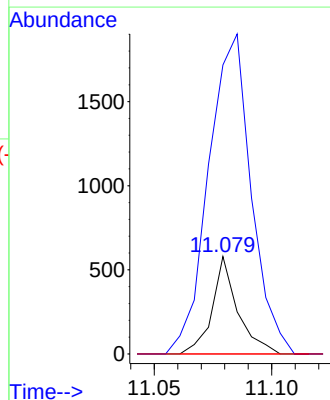
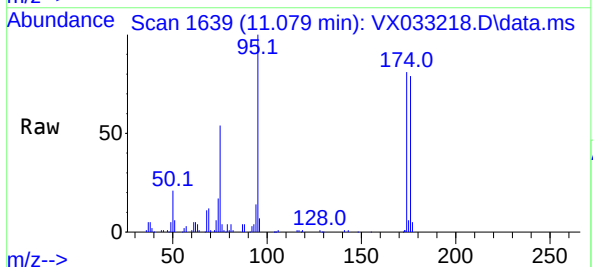
RT: 11.079 min Scan# 1639

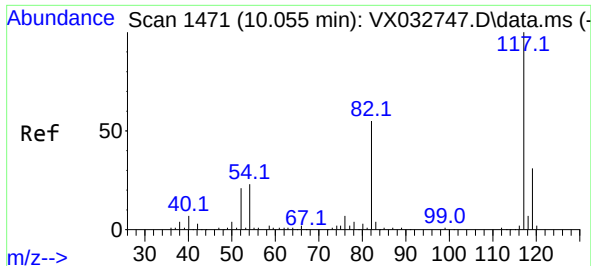
Delta R.T. 0.280 min

Lab File: VX033218.D

Acq: 05 Dec 2022 11:40

Tgt Ion: 173	Resp:	439
Ion	Ratio	Lower Upper
173	100	
175	546.9	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: VX033218.D

Acq: 05 Dec 2022 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBL01

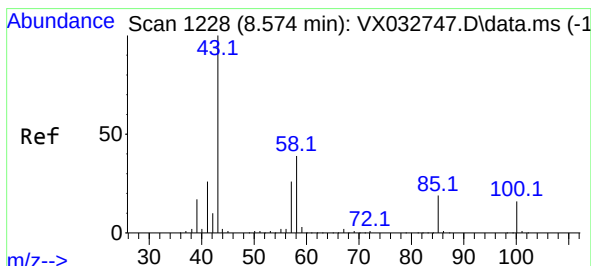
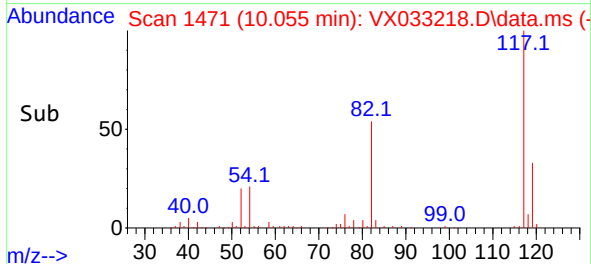
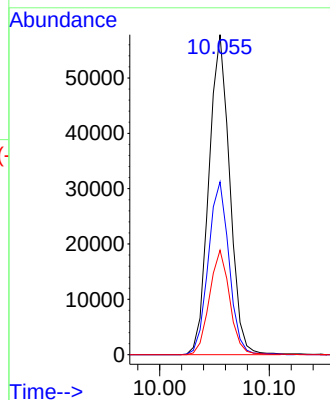
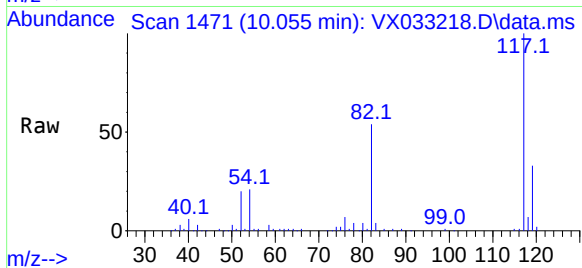
Tgt Ion:117 Resp: 76345

Ion Ratio Lower Upper

117 100

82 53.9 40.0 60.0

119 31.8 26.0 39.0



#58

4-Methyl-2-Pentanone

Concen: 0.207 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033218.D

Acq: 05 Dec 2022 11:40

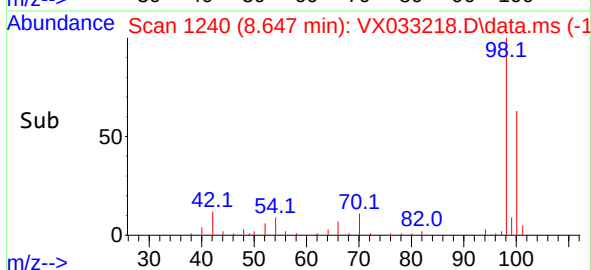
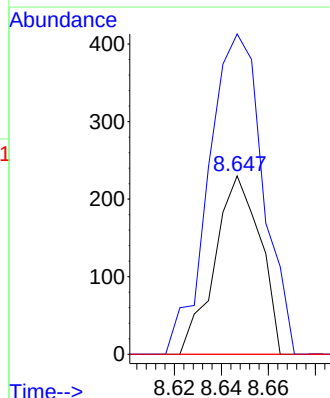
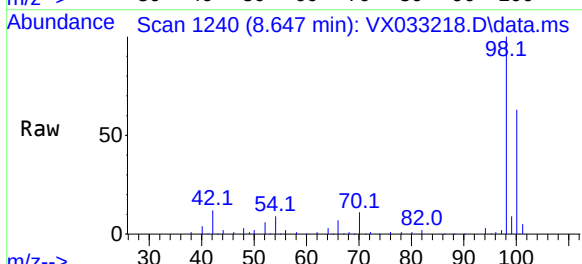
Tgt Ion: 43 Resp: 310

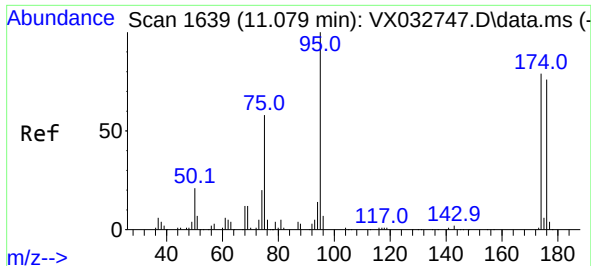
Ion Ratio Lower Upper

43 100

58 214.2 34.9 52.3#

85 0.0 19.4 29.2#

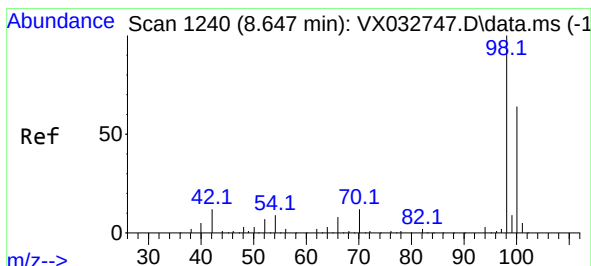
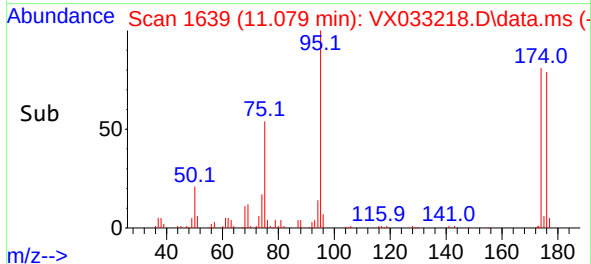
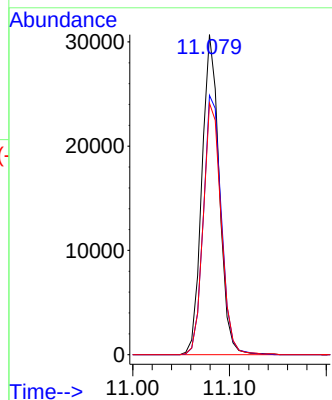
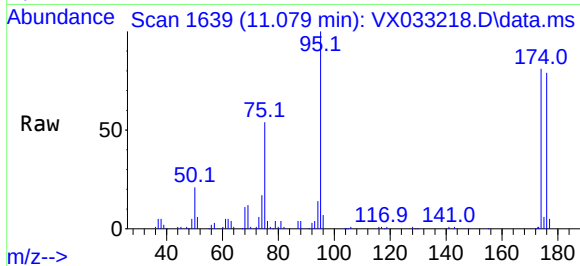




#60
4-Bromofluorobenzene
Concen: 26.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033218.D
Acq: 05 Dec 2022 11:40

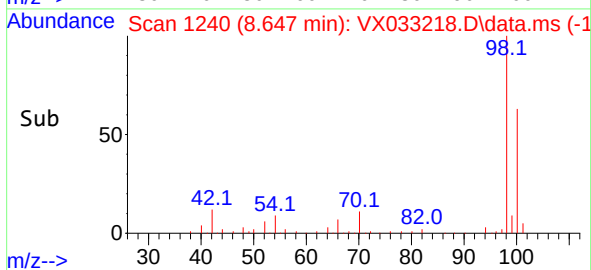
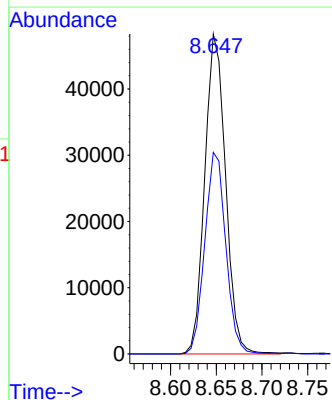
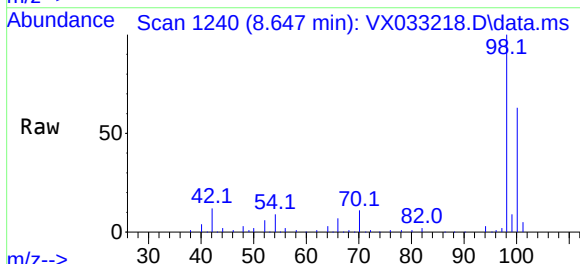
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBL01

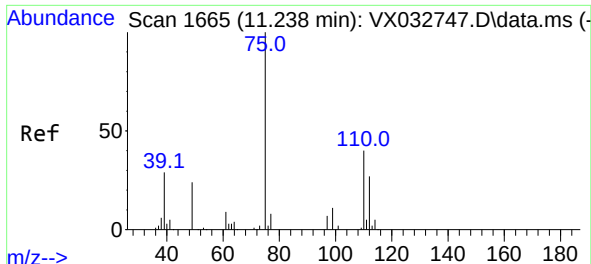
Tgt Ion: 95 Resp: 38309
Ion Ratio Lower Upper
95 100
174 83.7 68.2 102.2
176 81.2 68.1 102.1



#63
Toluene-d8
Concen: 29.639 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033218.D
Acq: 05 Dec 2022 11:40

Tgt Ion: 98 Resp: 76365
Ion Ratio Lower Upper
98 100
100 63.7 53.8 80.8

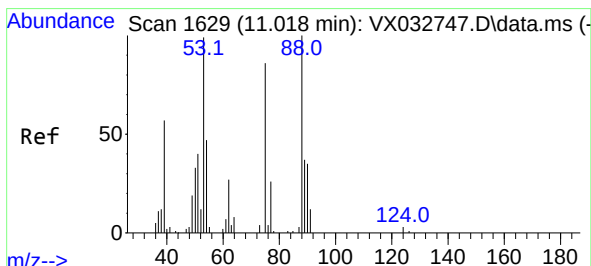
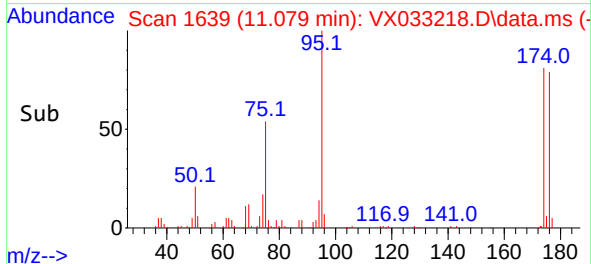
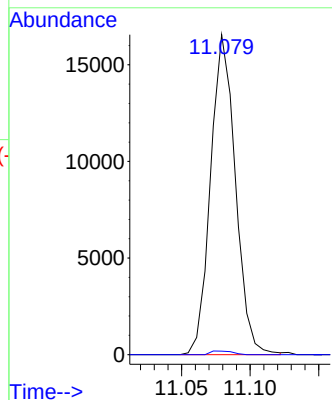
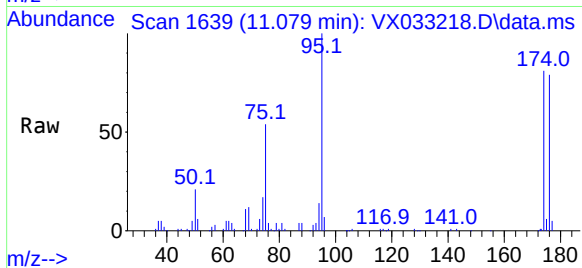




#72
1,2,3-Trichloropropane
Concen: 13.948 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033218.D
Acq: 05 Dec 2022 11:40

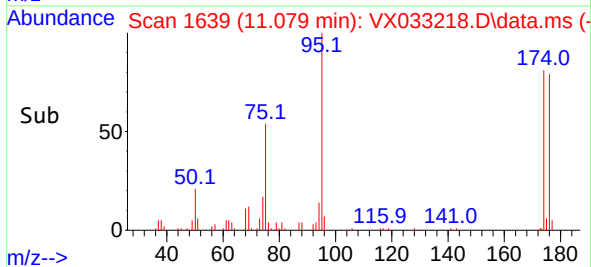
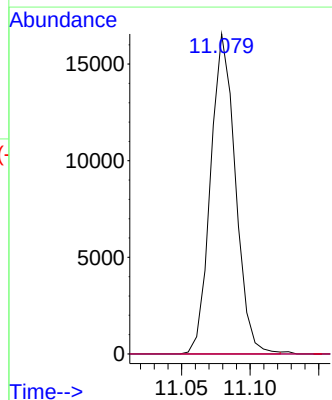
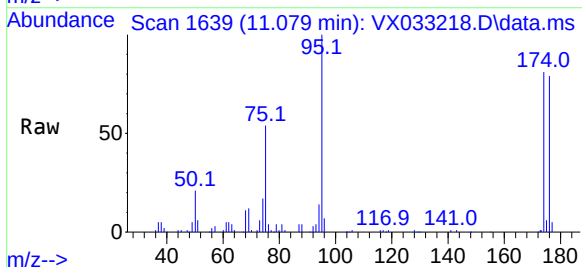
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBL01

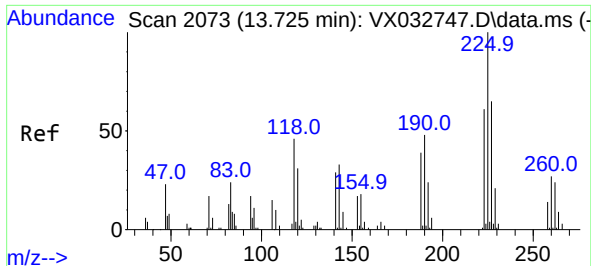
Tgt Ion: 75 Resp: 20861
Ion Ratio Lower Upper
75 100
77 1.0 0.0 76.6



#77
t-1,4-Dichloro-2-butene
Concen: 45.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033218.D
Acq: 05 Dec 2022 11:40

Tgt Ion: 75 Resp: 20861
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.4#
89 0.0 22.9 68.8#





#90
Hexachlorobutadiene
Concen: 0.407 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033218.D
Acq: 05 Dec 2022 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBL01

Tgt Ion:225 Resp: 253
Ion Ratio Lower Upper
225 100
223 41.5 0.0 126.0
227 71.9 0.0 127.6

