

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033660.D
 Acq On : 09 Jan 2023 13:32
 Operator : JC/MD
 Sample : N6226-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 10 00:46:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

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

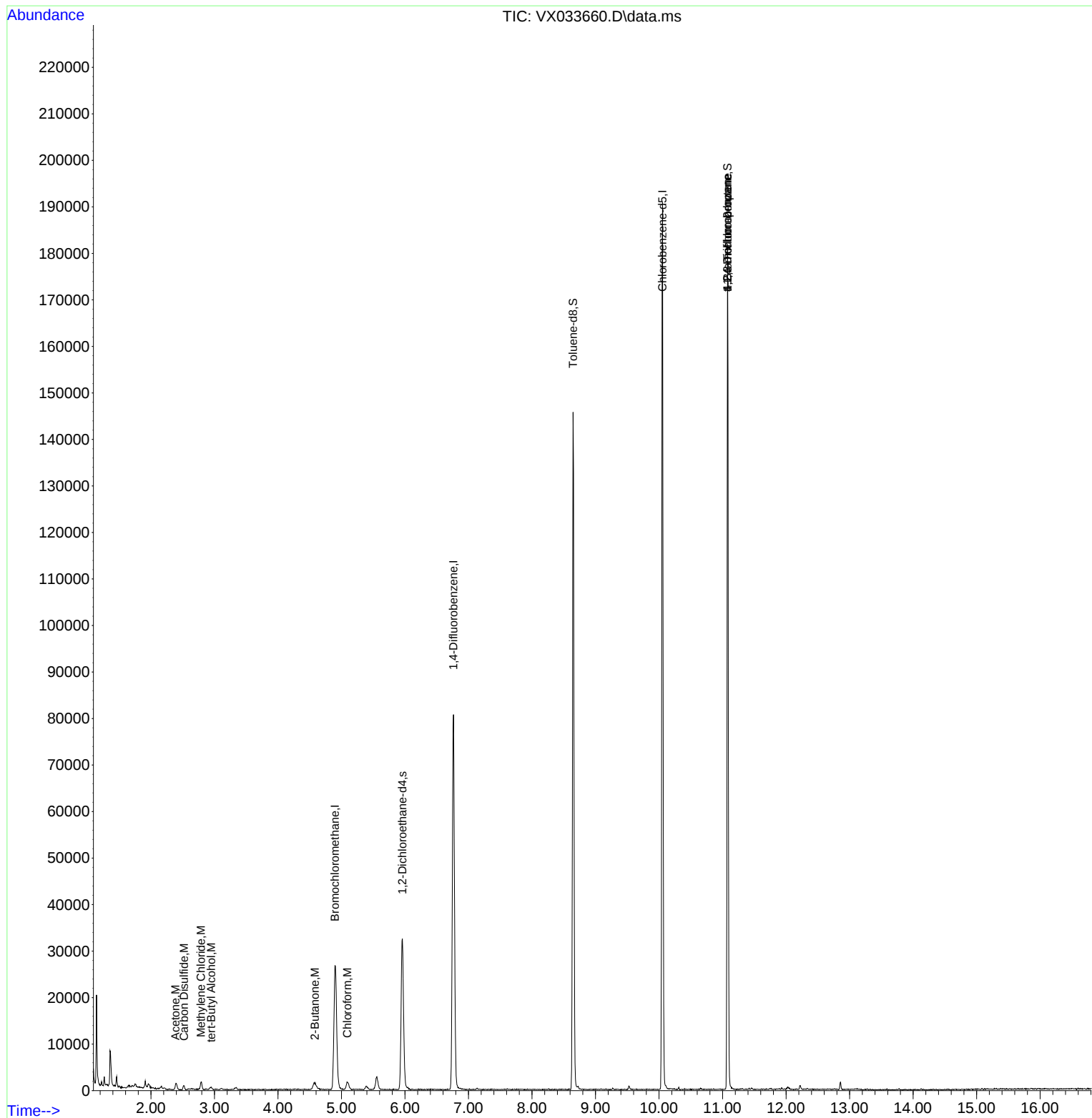
Internal Standards						
1) Bromochloromethane	4.897	128	12099	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	83470	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	88789	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32195	32.863	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.533%	
60) 4-Bromofluorobenzene	11.079	95	45847	28.650	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.500%	
63) Toluene-d8	8.647	98	86629	30.486	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.633%	
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	305	2.112	ug/l #	67
16) Carbon Disulfide	2.520	76	1223	0.455	ug/l	100
18) Methylene Chloride	2.788	84	814	0.629	ug/l #	88
23) tert-Butyl Alcohol	2.947	59	203	0.805	ug/l #	100
25) Chloroform	5.093	83	1983	0.839	ug/l	91
30) 2-Butanone	4.580	43	308	0.327	ug/l #	56
72) 1,2,3-Trichloropropane	11.079	75	23480	13.746	ug/l	40
77) t-1,4-Dichloro-2-butene	11.079	75	23480	45.947	ug/l #	3

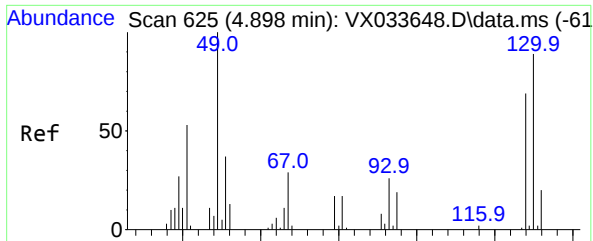
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX033660.D
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

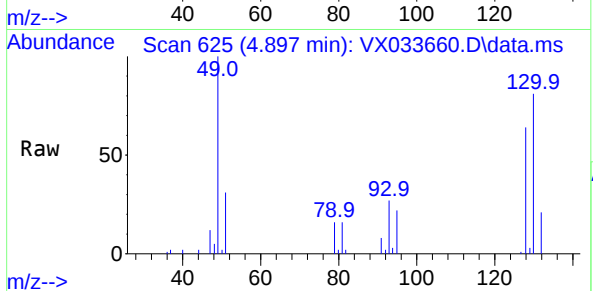
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
Response via : Initial Calibration



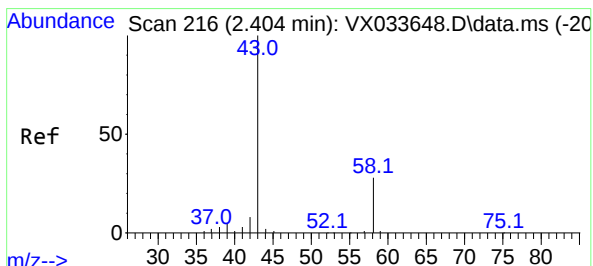
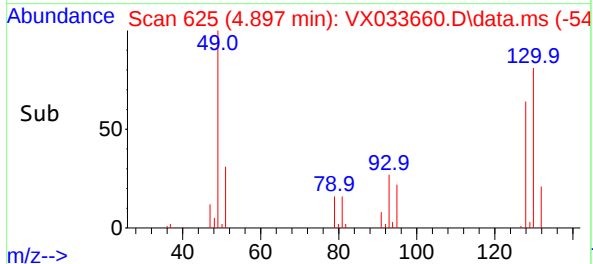
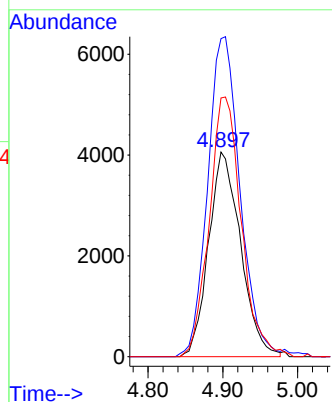


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

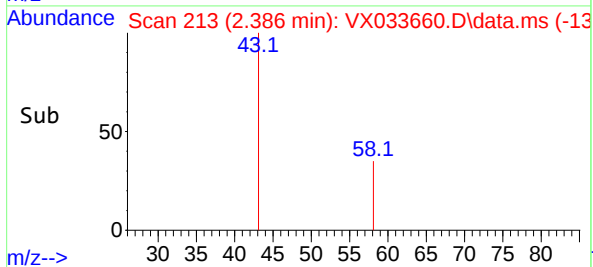
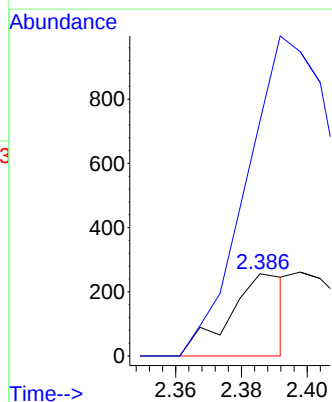
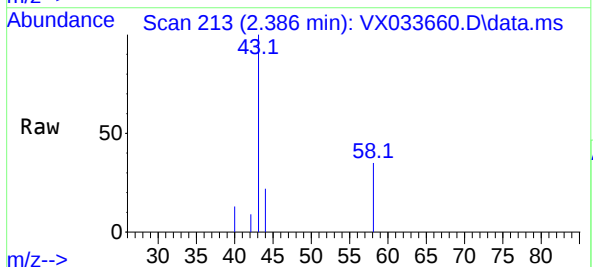


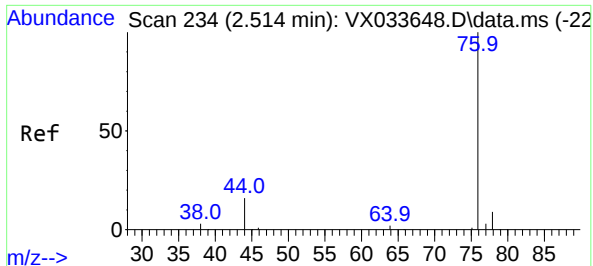
Tgt Ion:128 Resp: 12099
Ion Ratio Lower Upper
128 100
49 157.7 0.0 398.5
130 127.0 0.0 329.0



#15
Acetone
Concen: 2.112 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Tgt Ion: 58 Resp: 305
Ion Ratio Lower Upper
58 100
43 286.3 288.3 432.5#

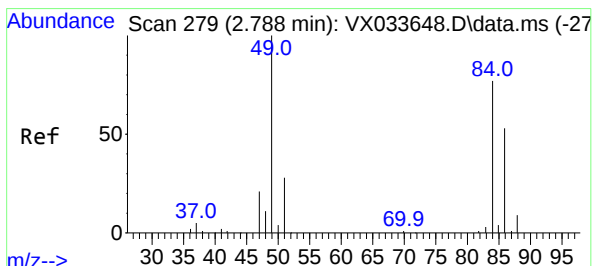
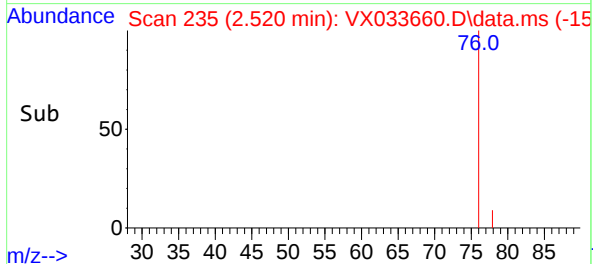
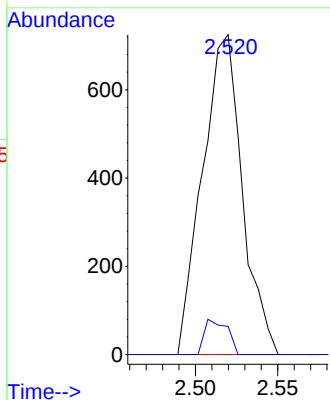
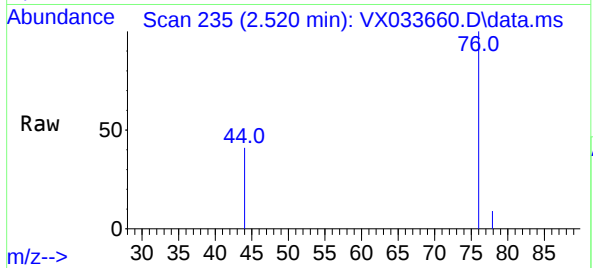




#16
Carbon Disulfide
Concen: 0.455 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

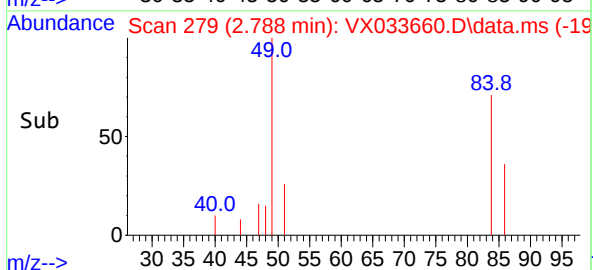
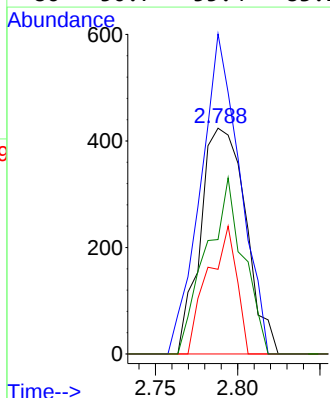
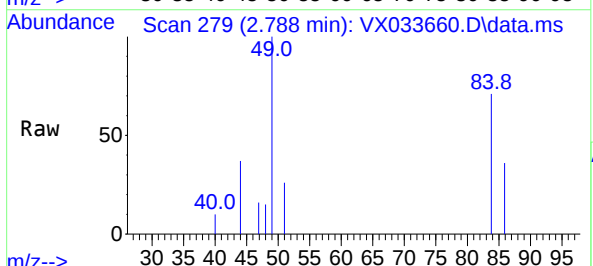
Instrument :
MSVOA_X
ClientSampleId :

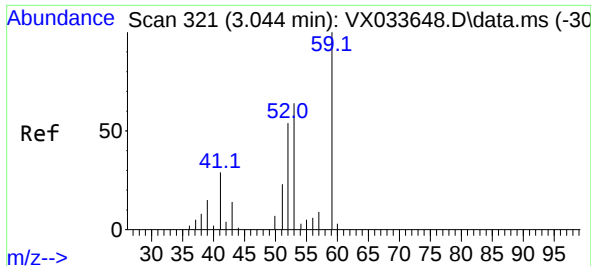
Tgt Ion: 76 Resp: 1223
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methylene Chloride
Concen: 0.629 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

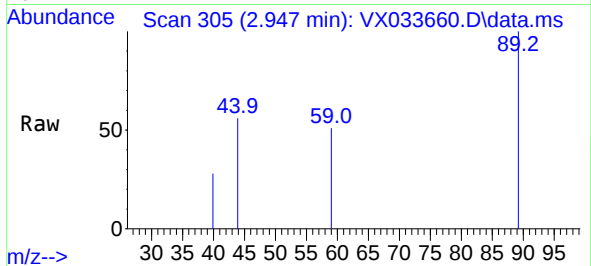
Tgt Ion: 84 Resp: 814
Ion Ratio Lower Upper
84 100
49 141.7 104.1 156.1
51 37.5 29.2 43.8
86 50.7 55.4 83.2#



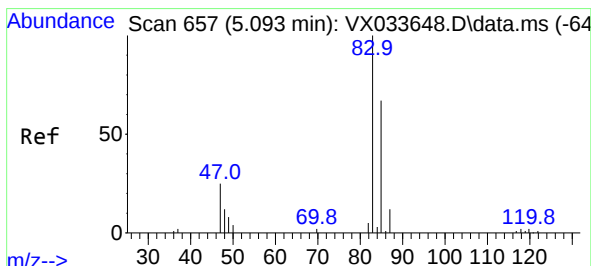
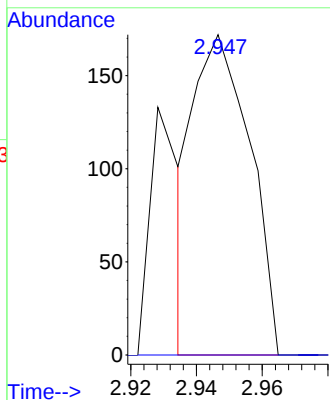
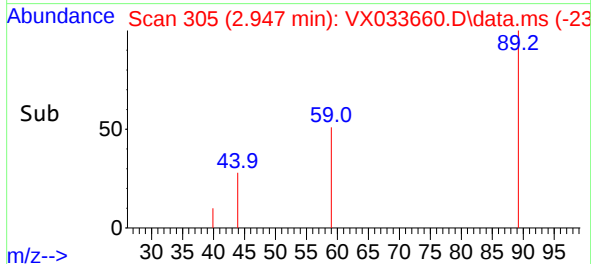


#23
tert-Butyl Alcohol
Concen: 0.805 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.098 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

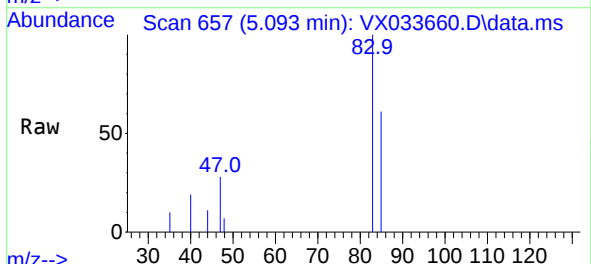
Instrument :
MSVOA_X
ClientSampleId :



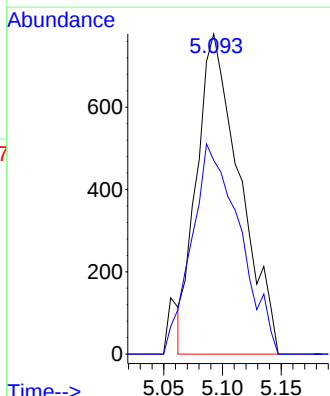
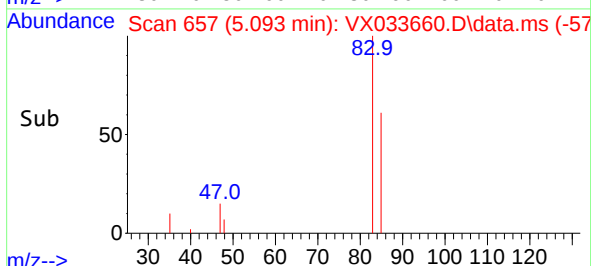
Tgt Ion: 59 Resp: 203
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#

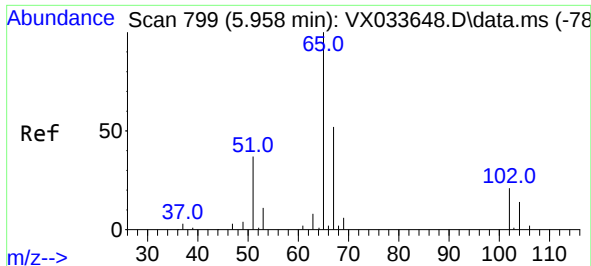


#25
Chloroform
Concen: 0.839 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32



Tgt Ion: 83 Resp: 1983
Ion Ratio Lower Upper
83 100
85 60.5 53.9 80.9





#27

1,2-Dichloroethane-d4

Concen: 32.863 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033660.D

Acq: 09 Jan 2023 13:32

Instrument :

MSVOA_X

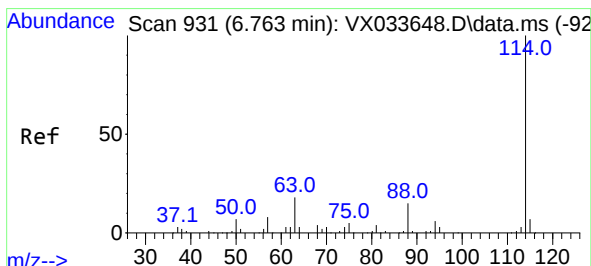
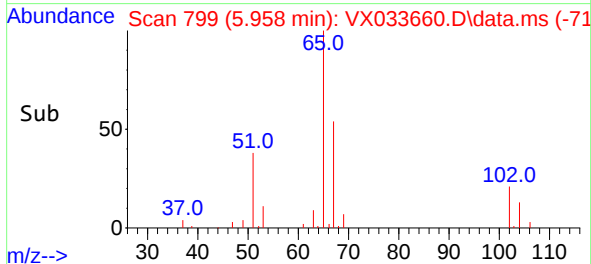
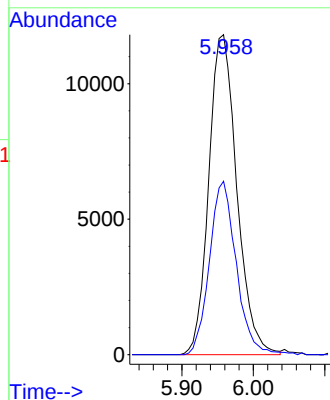
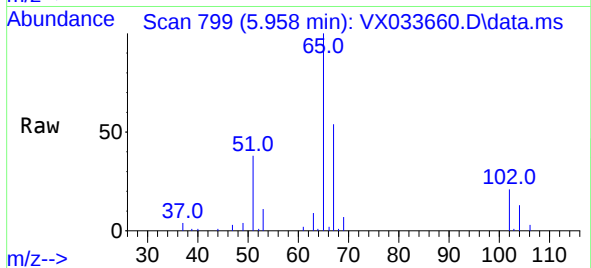
ClientSampleId :

Tgt Ion: 65 Resp: 32195

Ion Ratio Lower Upper

65 100

67 51.8 40.4 60.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033660.D

Acq: 09 Jan 2023 13:32

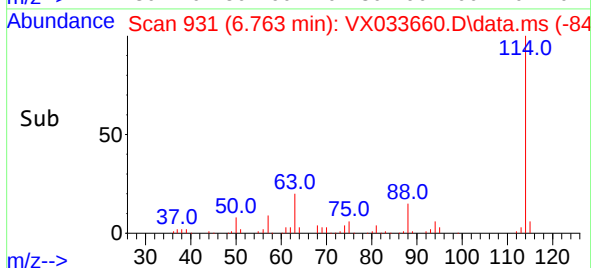
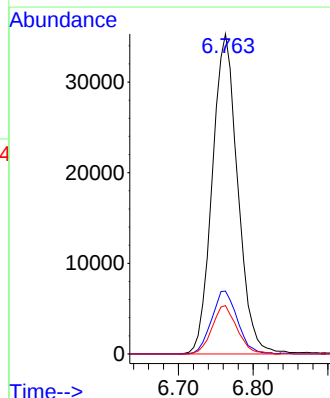
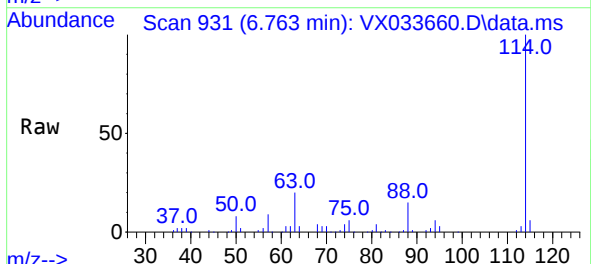
Tgt Ion: 114 Resp: 83470

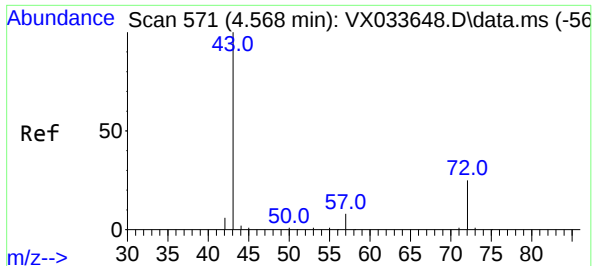
Ion Ratio Lower Upper

114 100

63 20.0 15.5 23.3

88 14.8 12.4 18.6





#30

2-Butanone

Concen: 0.327 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX033660.D

Acq: 09 Jan 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

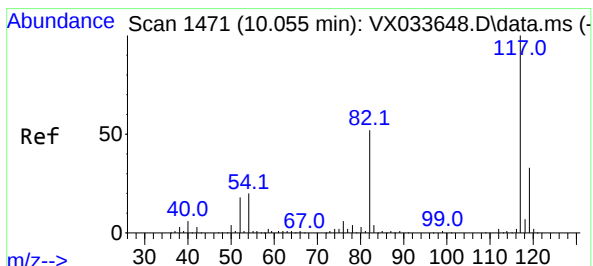
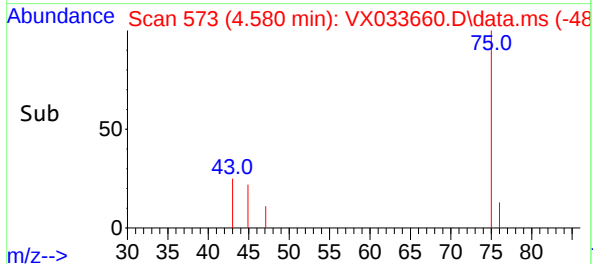
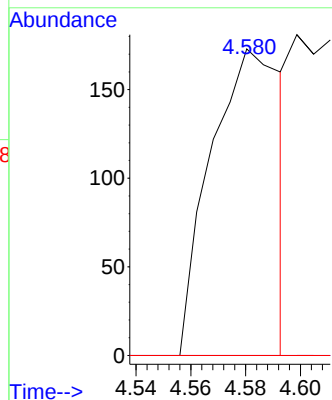
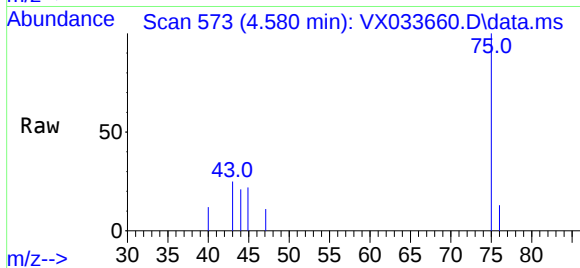
Tgt Ion: 43 Resp: 308

Ion Ratio Lower Upper

43 100

57 0.0 3.4 5.2#

72 0.0 19.8 29.6#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033660.D

Acq: 09 Jan 2023 13:32

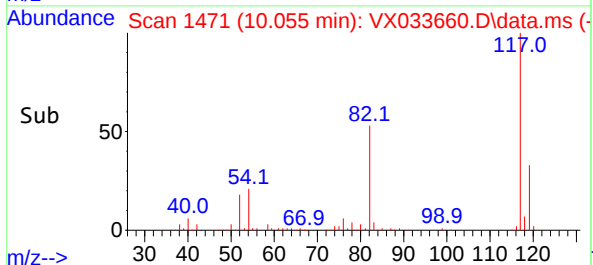
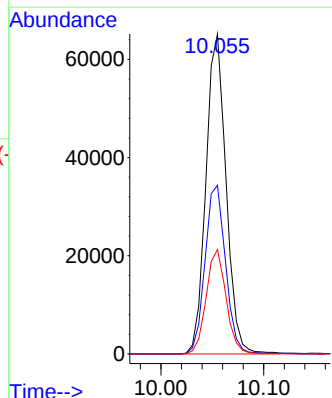
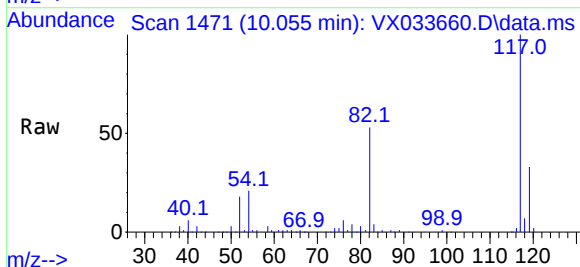
Tgt Ion: 117 Resp: 88789

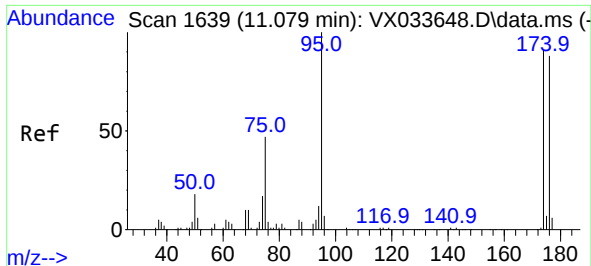
Ion Ratio Lower Upper

117 100

82 53.9 41.9 62.9

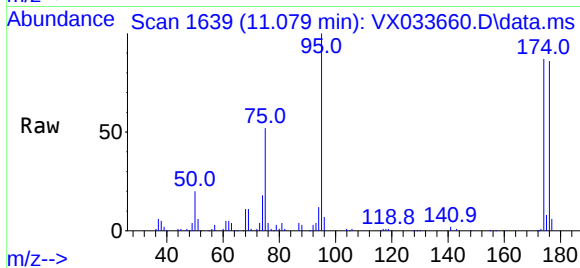
119 32.3 25.6 38.4



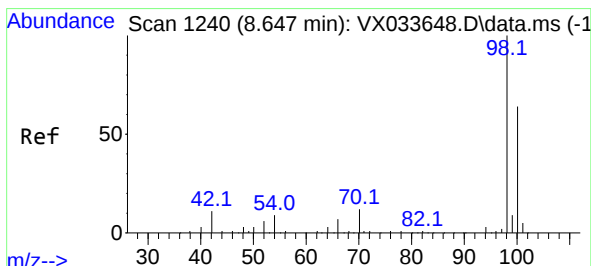
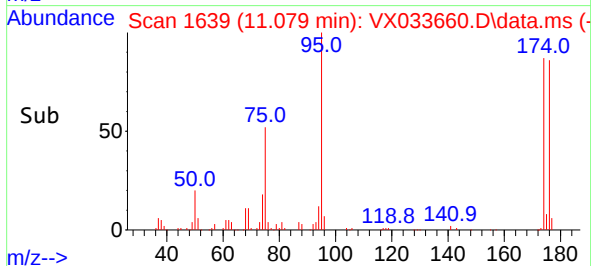
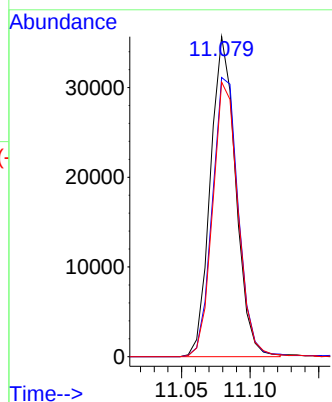


#60
4-Bromofluorobenzene
Concen: 28.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

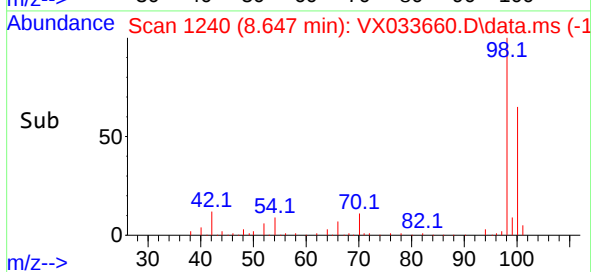
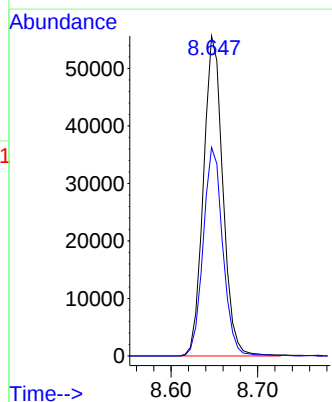
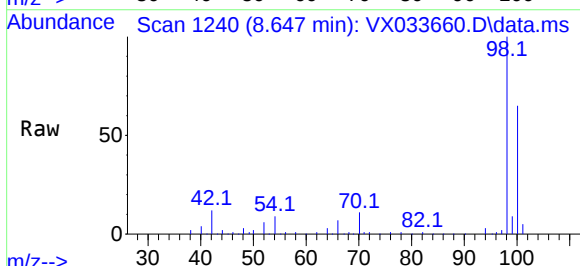


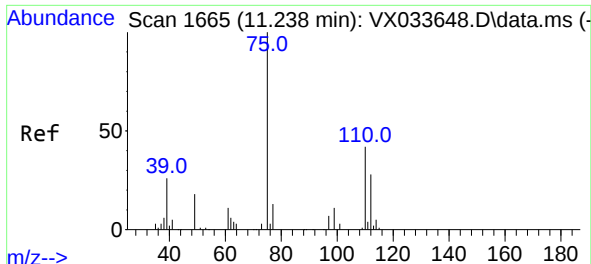
Tgt Ion: 95 Resp: 45847
Ion Ratio Lower Upper
95 100
174 89.8 73.7 110.5
176 86.3 71.0 106.4



#63
Toluene-d8
Concen: 30.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

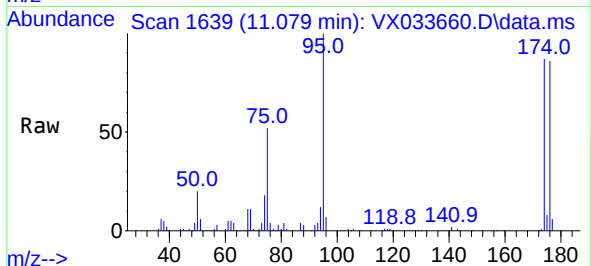
Tgt Ion: 98 Resp: 86629
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



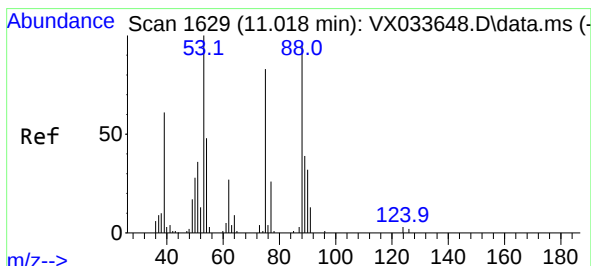
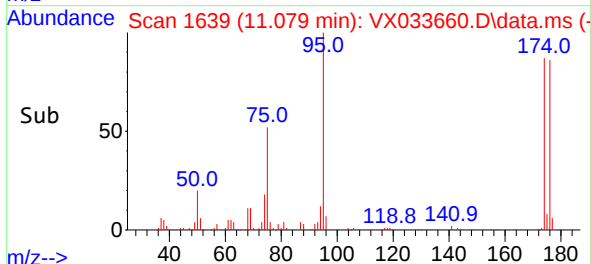
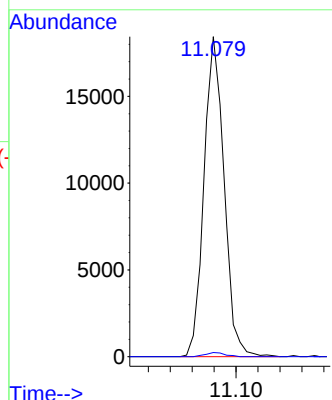


#72
1,2,3-Trichloropropane
Concen: 13.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 23480
Ion Ratio Lower Upper
75 100
77 1.3 0.0 74.6



#77
t-1,4-Dichloro-2-butene
Concen: 45.947 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Tgt Ion: 75 Resp: 23480
Ion Ratio Lower Upper
75 100
53 0.0 60.2 180.6#
89 0.0 23.2 69.6#

