

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033668.D
 Acq On : 09 Jan 2023 17:12
 Operator : JC/MD
 Sample : 01079-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 10 00:48:13 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)

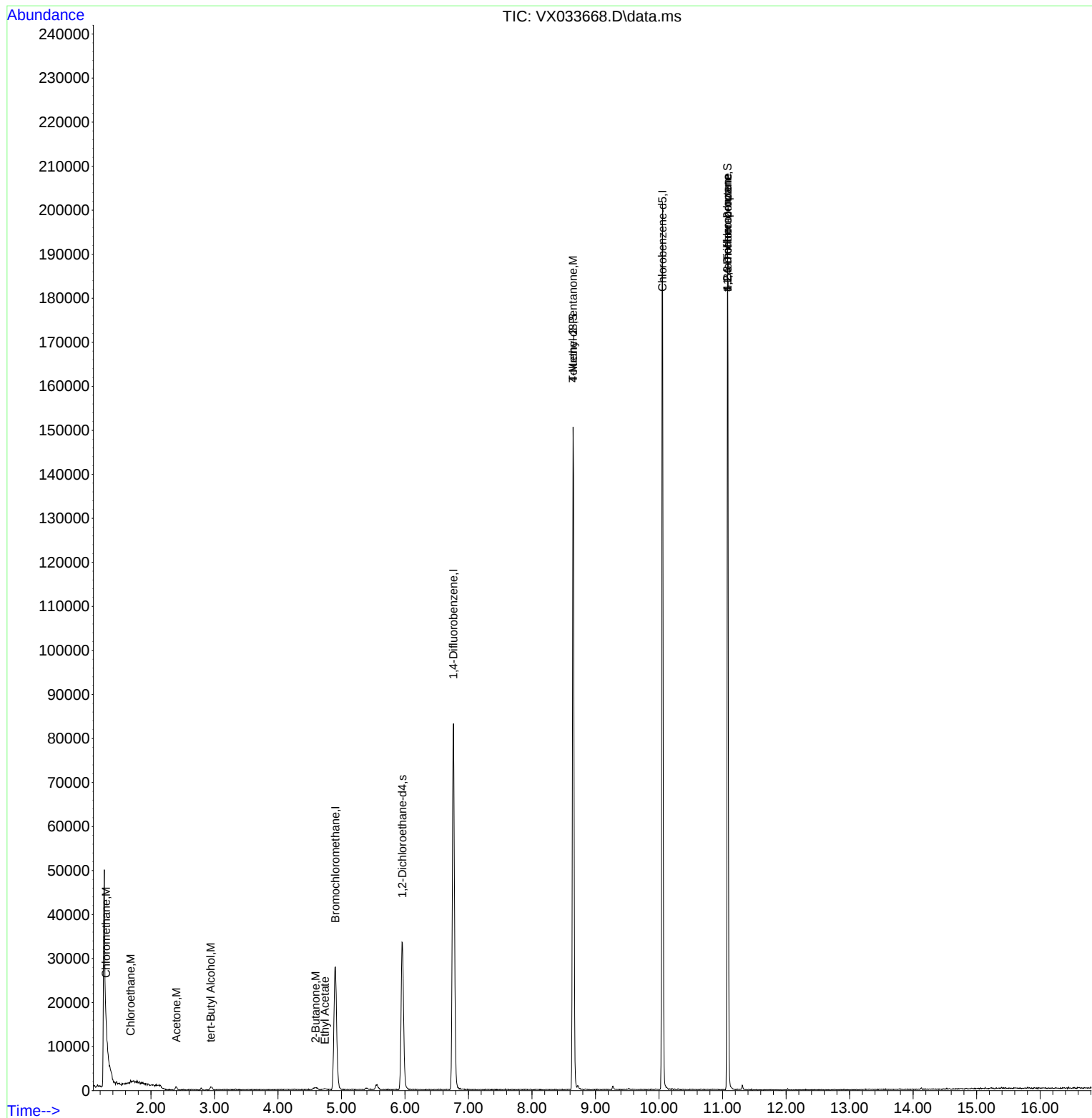
Internal Standards						
1) Bromochloromethane	4.904	128	12475	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	86979	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93272	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	34158	33.816	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.733%#
60) 4-Bromofluorobenzene	11.079	95	48335	28.753	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.833%
63) Toluene-d8	8.647	98	90488	30.314	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.033%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	939	0.671	ug/l #	82
6) Chloroethane	1.679	64	289	0.391	ug/l #	71
15) Acetone	2.398	58	215	1.444	ug/l #	8
23) tert-Butyl Alcohol	2.941	59	537	2.066	ug/l #	100
30) 2-Butanone	4.593	43	366	0.373	ug/l #	56
43) Ethyl Acetate	4.739	43	575	0.286	ug/l #	66
58) 4-Methyl-2-Pentanone	8.647	43	377	0.203	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	24882	13.867	ug/l	40
77) t-1,4-Dichloro-2-butene	11.079	75	24882	46.350	ug/l #	3

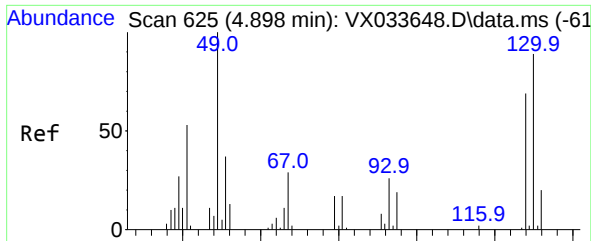
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
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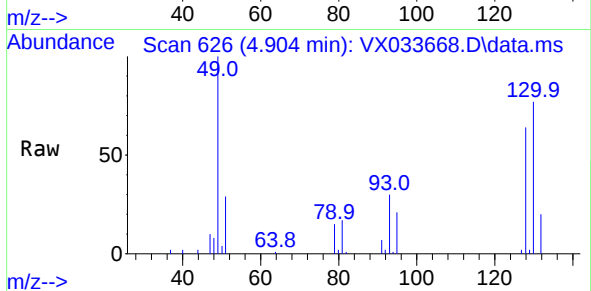
Quant Time: Jan 10 00:48:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
Response via : Initial Calibration



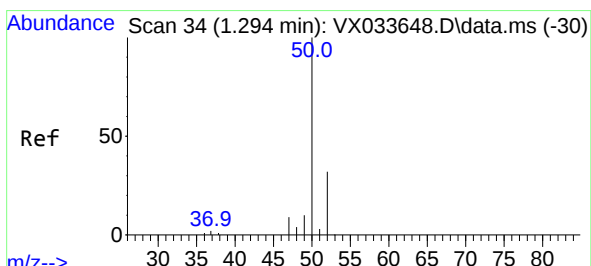
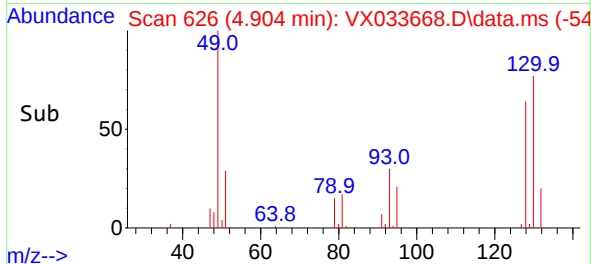
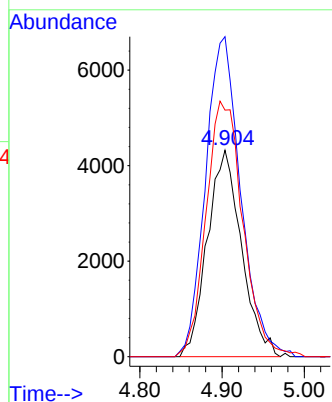


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033668.D
Acq: 09 Jan 2023 17:12

Instrument :
MSVOA_X
ClientSampleId :

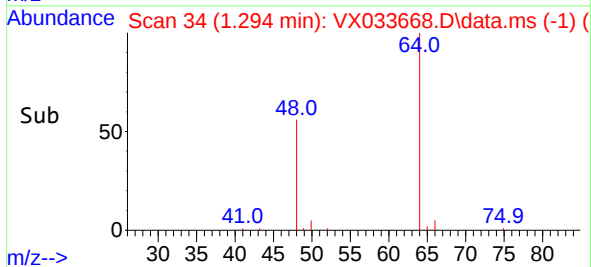
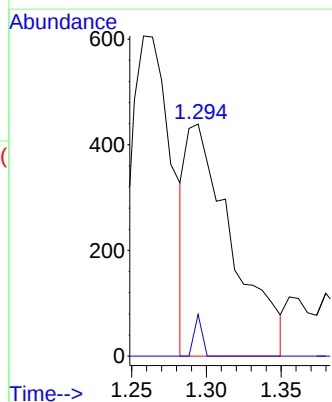
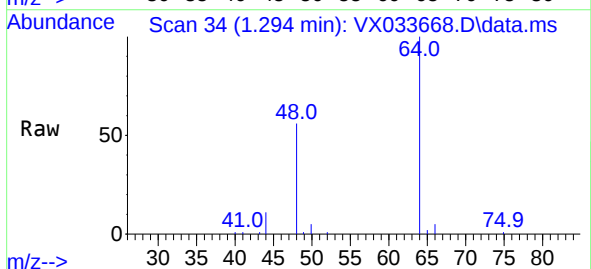


Tgt Ion:128 Resp: 12475
Ion Ratio Lower Upper
128 100
49 159.9 0.0 398.5
130 133.9 0.0 329.0

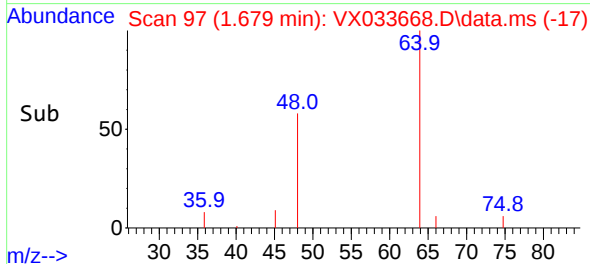
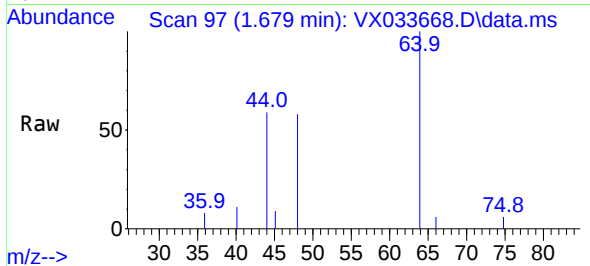
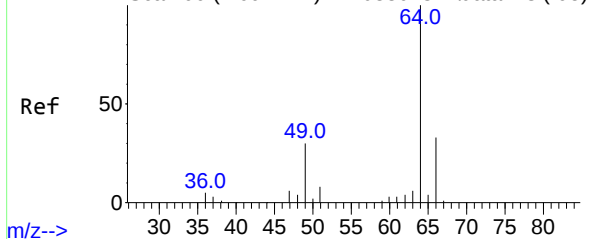


#3
Chloromethane
Concen: 0.671 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033668.D
Acq: 09 Jan 2023 17:12

Tgt Ion: 50 Resp: 939
Ion Ratio Lower Upper
50 100
52 21.9 25.5 38.3#



Abundance Scan 99 (1.691 min): VX033648.D\data.ms (-95)



#6

Chloroethane

Concen: 0.391 ug/l

RT: 1.679 min Scan# 91

Delta R.T. -0.012 min

Lab File: VX033668.D

Acq: 09 Jan 2023 17:12

Instrument :

MSVOA_X

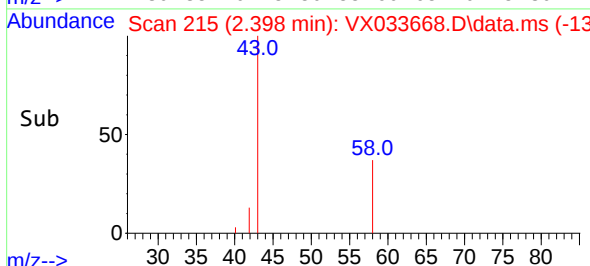
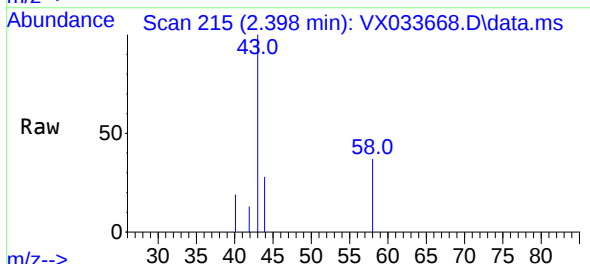
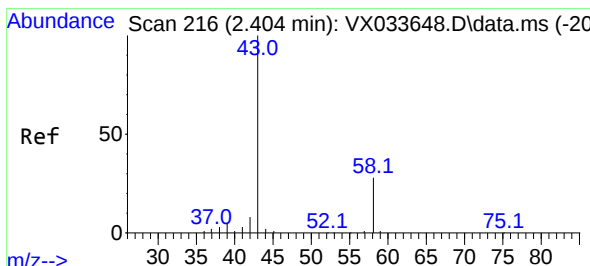
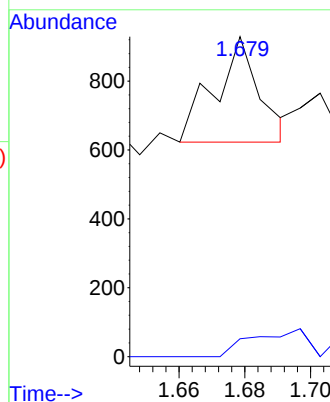
ClientSampleId :

Tgt Ion: 64 Resp: 289

Ion Ratio Lower Upper

64 100

66 17.0 26.6 40.0#



#15

Acetone

Concen: 1.444 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX033668.D

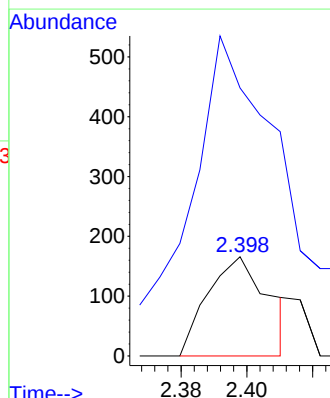
Acq: 09 Jan 2023 17:12

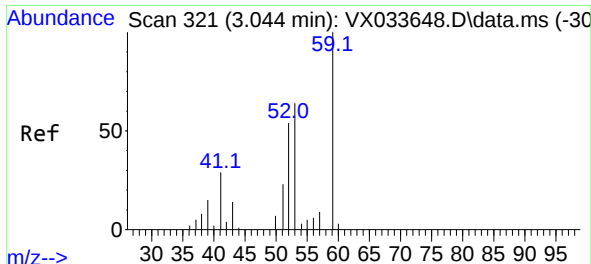
Tgt Ion: 58 Resp: 215

Ion Ratio Lower Upper

58 100

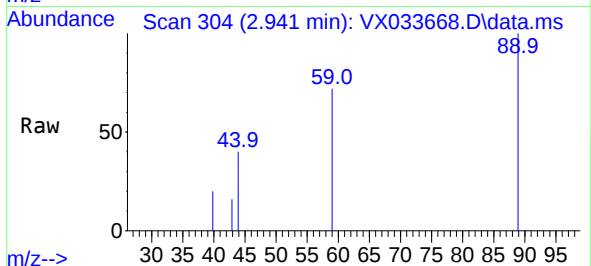
43 156.6 288.3 432.5#



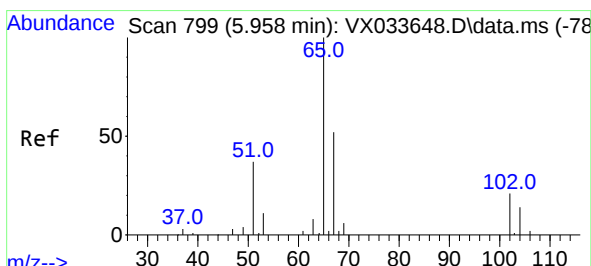
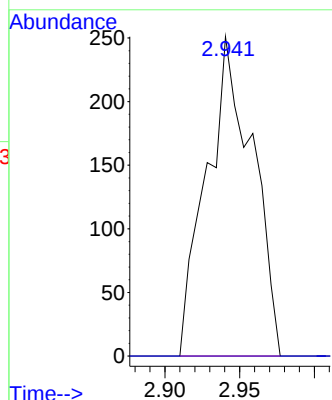
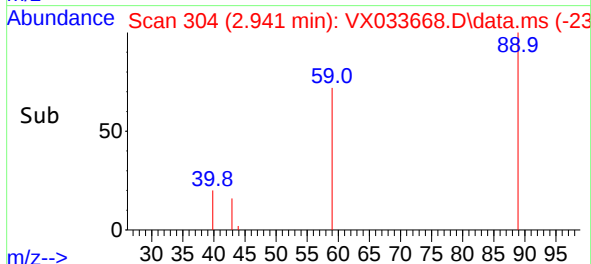


#23
tert-Butyl Alcohol
Concen: 2.066 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.104 min
Lab File: VX033668.D
Acq: 09 Jan 2023 17:12

Instrument :
MSVOA_X
ClientSampleId :

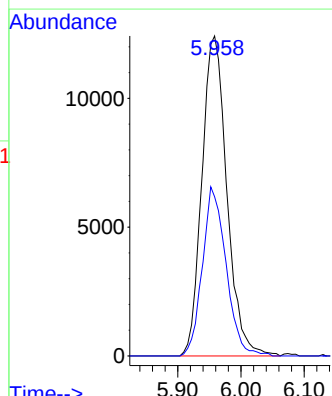
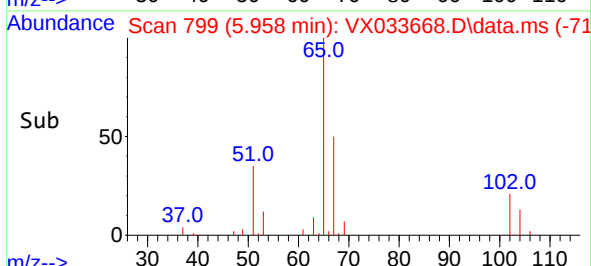
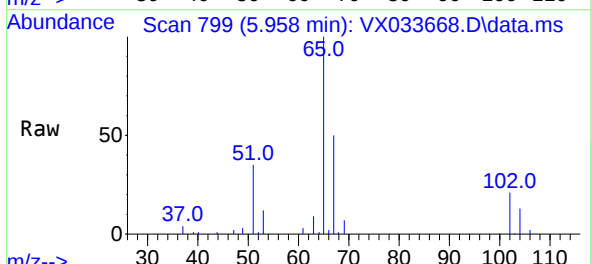


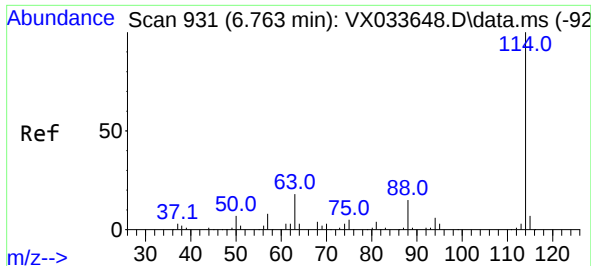
Tgt Ion: 59 Resp: 537
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#27
1,2-Dichloroethane-d4
Concen: 33.816 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033668.D
Acq: 09 Jan 2023 17:12

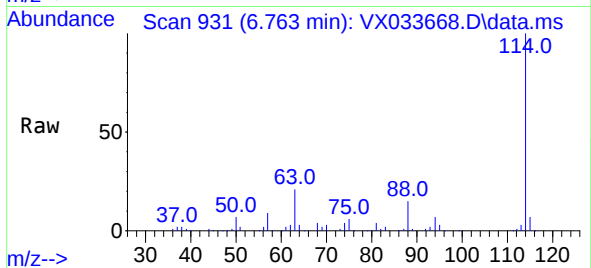
Tgt Ion: 65 Resp: 34158
Ion Ratio Lower Upper
65 100
67 49.9 40.4 60.6



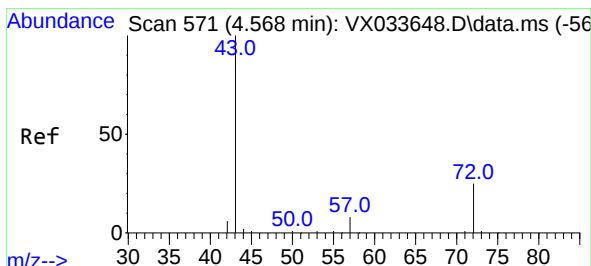
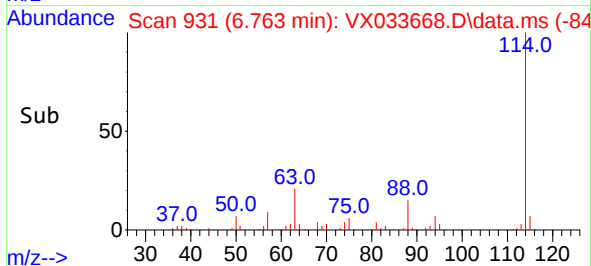
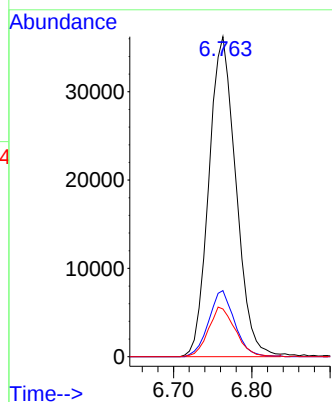


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033668.D
Acq: 09 Jan 2023 17:12

Instrument :
MSVOA_X
ClientSampleId :

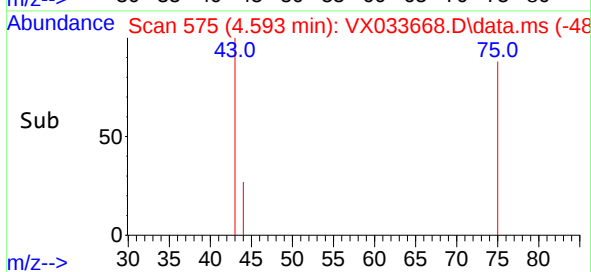
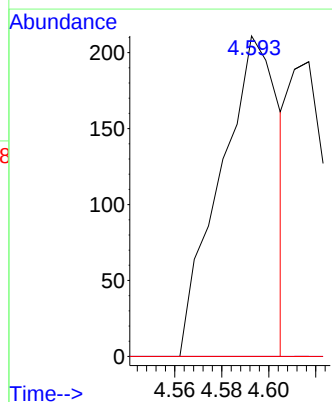
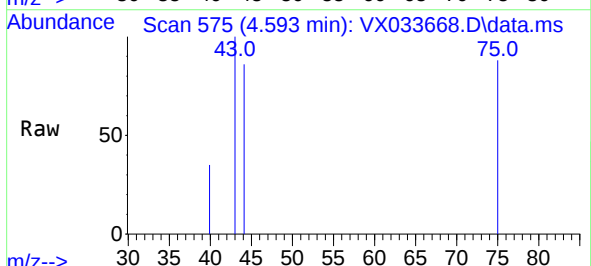


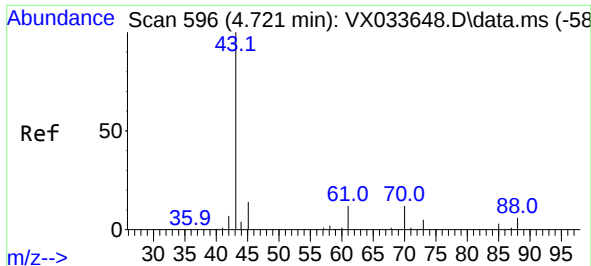
Tgt Ion:114 Resp: 86979
Ion Ratio Lower Upper
114 100
63 19.8 15.5 23.3
88 15.4 12.4 18.6



#30
2-Butanone
Concen: 0.373 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.024 min
Lab File: VX033668.D
Acq: 09 Jan 2023 17:12

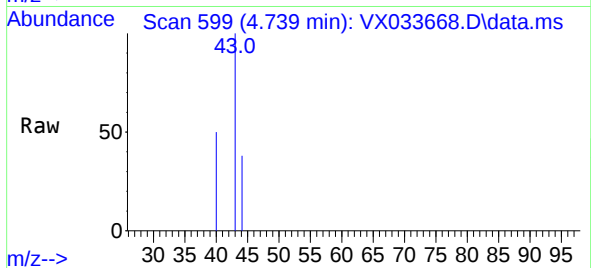
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
57 0.0 3.4 5.2#
72 0.0 19.8 29.6#



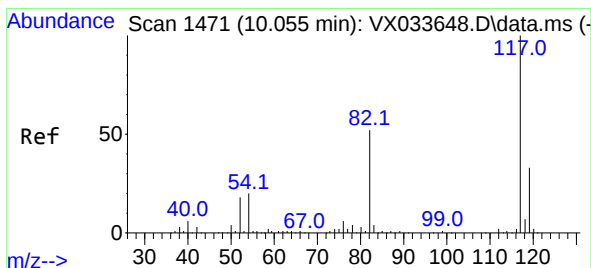
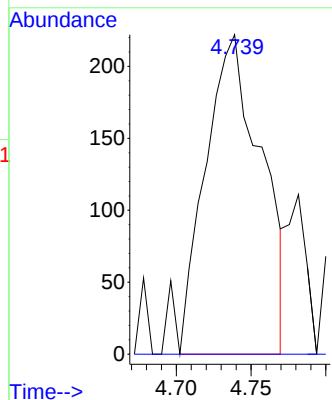


#43
Ethyl Acetate
Concen: 0.286 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX033668.D
Acq: 09 Jan 2023 17:12

Instrument :
MSVOA_X
ClientSampleId :

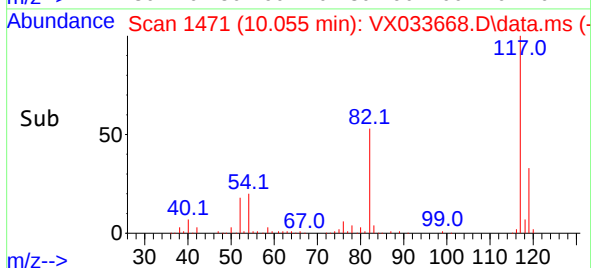
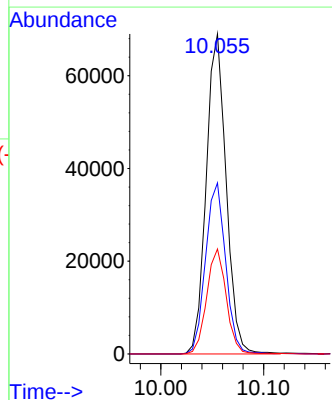
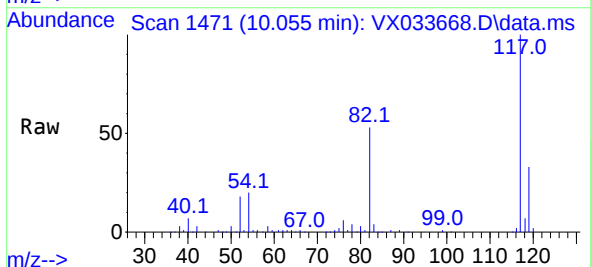


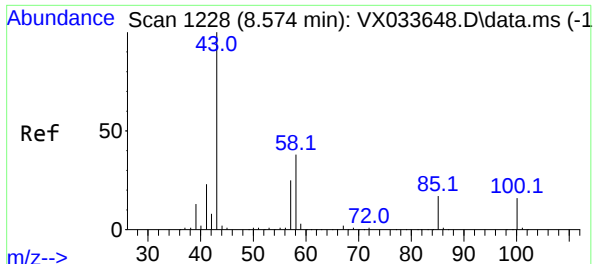
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
45 0.0 11.2 16.8#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033668.D
Acq: 09 Jan 2023 17:12

Tgt Ion: 117 Resp: 93272
Ion Ratio Lower Upper
117 100
82 53.9 41.9 62.9
119 32.1 25.6 38.4





#58

4-Methyl-2-Pentanone

Concen: 0.203 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

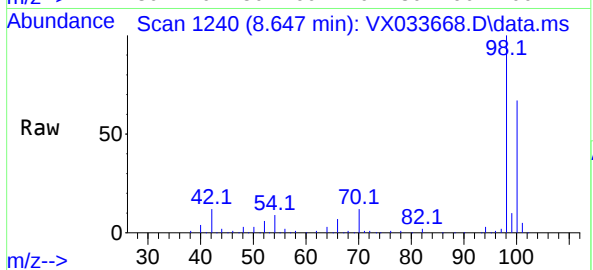
Lab File: VX033668.D

Acq: 09 Jan 2023 17:12

Instrument :

MSVOA_X

ClientSampleId :



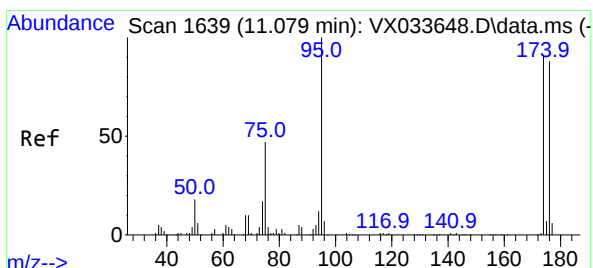
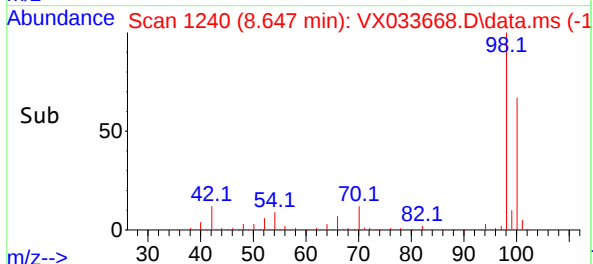
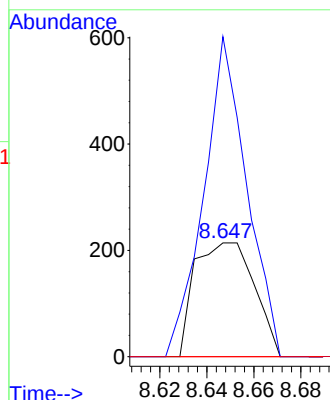
Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

58 203.2 30.2 45.4#

85 0.0 13.8 20.8#



#60

4-Bromofluorobenzene

Concen: 28.753 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033668.D

Acq: 09 Jan 2023 17:12

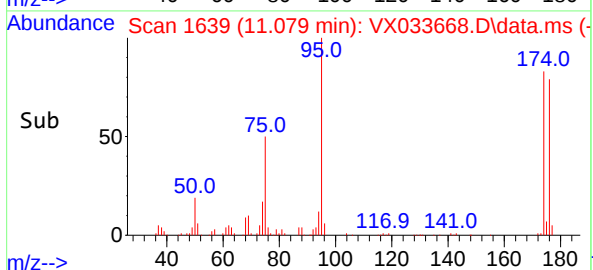
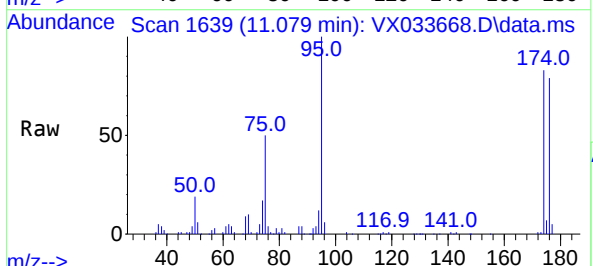
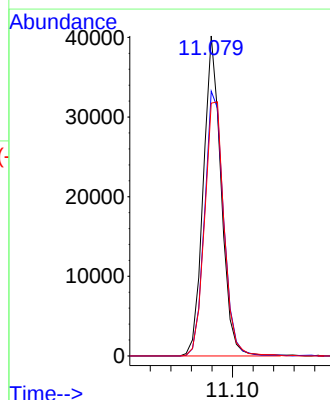
Tgt Ion: 95 Resp: 48335

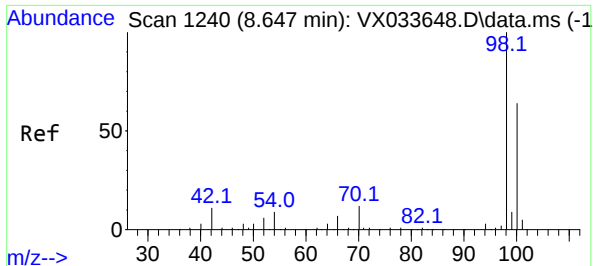
Ion Ratio Lower Upper

95 100

174 88.1 73.7 110.5

176 86.7 71.0 106.4





#63

Toluene-d8

Concen: 30.314 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033668.D

Acq: 09 Jan 2023 17:12

Instrument :

MSVOA_X

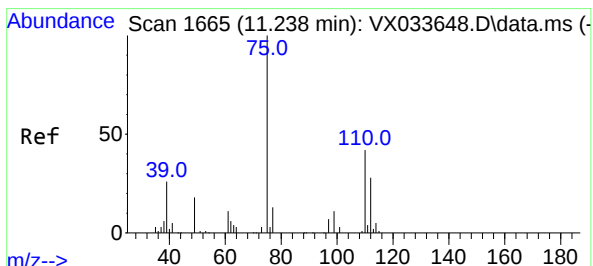
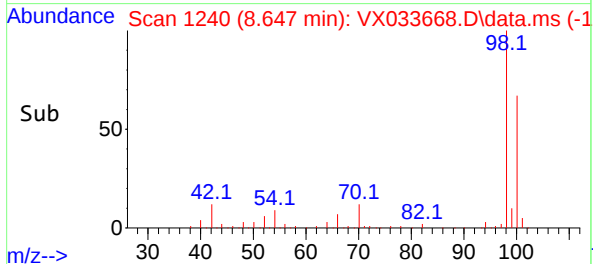
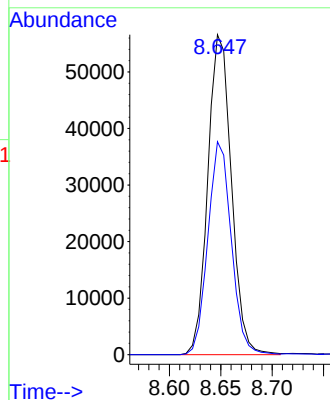
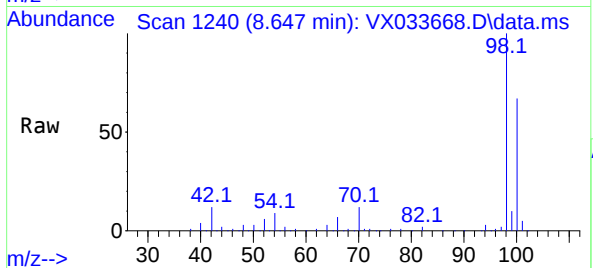
ClientSampleId :

Tgt Ion: 98 Resp: 90488

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#72

1,2,3-Trichloropropane

Concen: 13.867 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033668.D

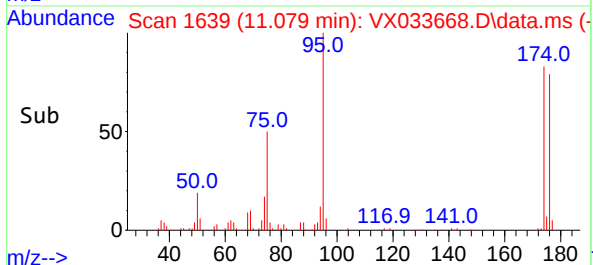
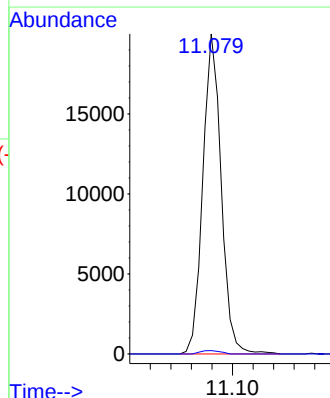
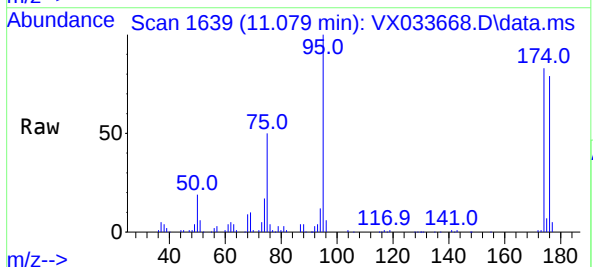
Acq: 09 Jan 2023 17:12

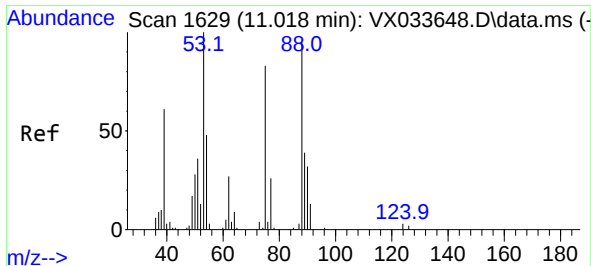
Tgt Ion: 75 Resp: 24882

Ion Ratio Lower Upper

75 100

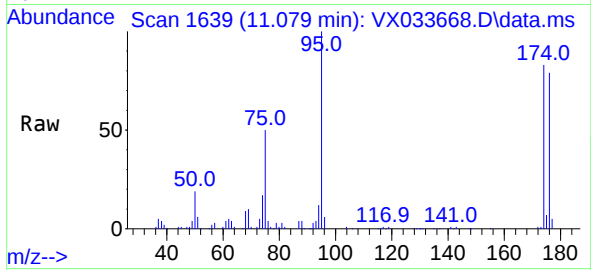
77 1.1 0.0 74.6





#77
t-1,4-Dichloro-2-butene
Concen: 46.350 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX033668.D
Acq: 09 Jan 2023 17:12

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 24882
Ion Ratio Lower Upper
75 100
53 0.0 60.2 180.6#
89 0.3 23.2 69.6#

