

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033673.D
 Acq On : 09 Jan 2023 19:07
 Operator : JC/MD
 Sample : 01079-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 10 00:49:07 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)

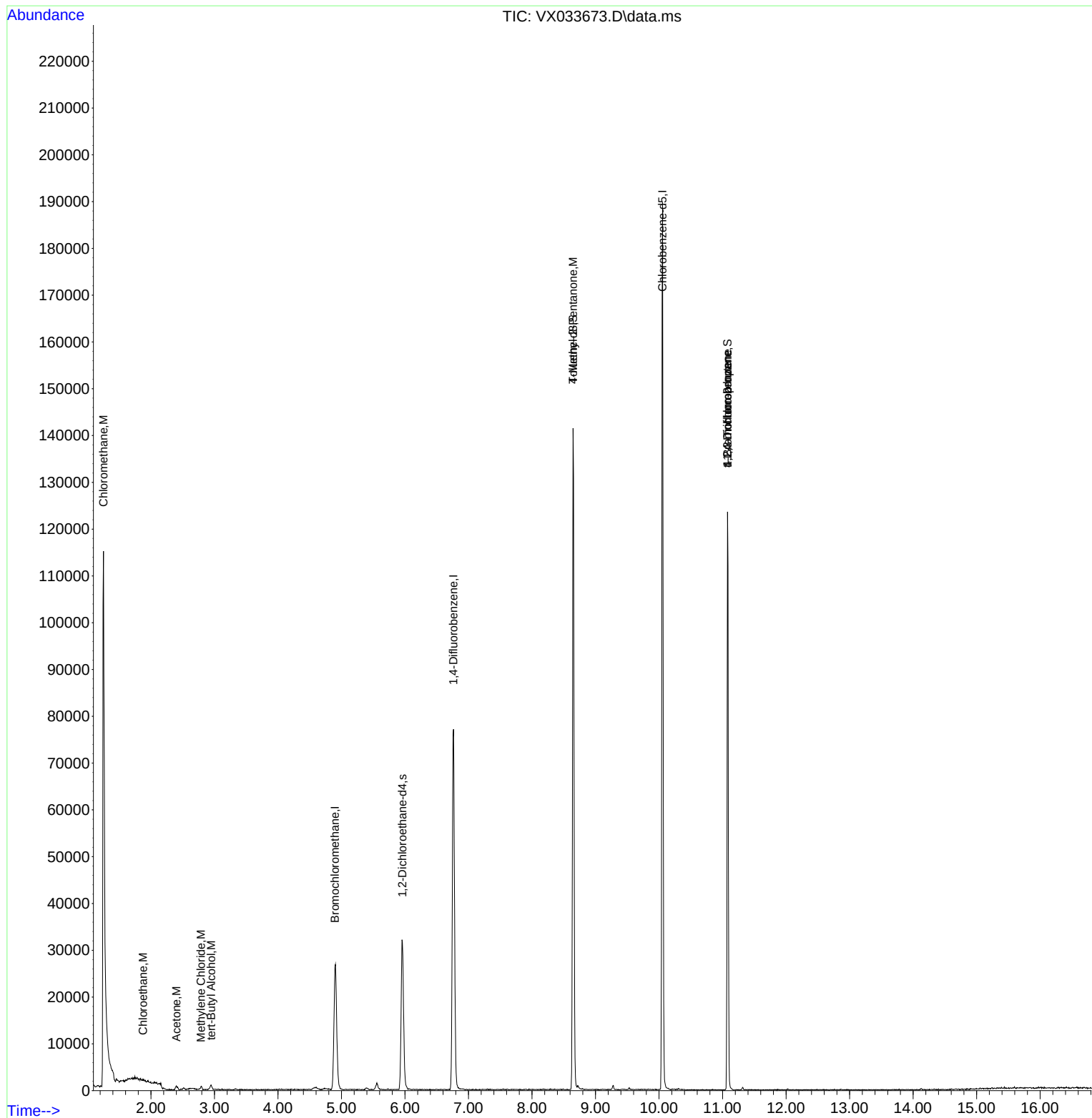
Internal Standards						
1) Bromochloromethane	4.897	128	12007	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	81998	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	86831	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	31474	32.374	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.900%
60) 4-Bromofluorobenzene	11.079	95	29695	18.975	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	63.233%
63) Toluene-d8	8.647	98	84804	30.517	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.733%
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	2670	1.984	ug/l #	43
6) Chloroethane	1.874	64	317	0.445	ug/l	99
15) Acetone	2.398	58	221	1.542	ug/l #	57
18) Methylene Chloride	2.788	84	336	0.262	ug/l #	93
23) tert-Butyl Alcohol	2.946	59	598	2.391	ug/l #	100
58) 4-Methyl-2-Pentanone	8.647	43	384	0.223	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	16407	9.822	ug/l	39
77) t-1,4-Dichloro-2-butene	11.079	75	16407	32.830	ug/l #	3

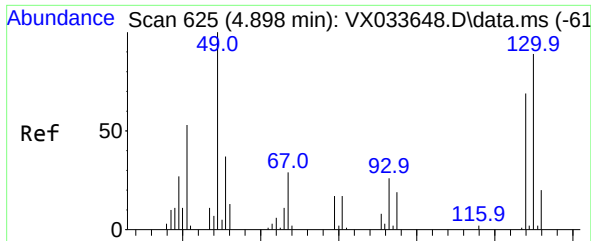
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

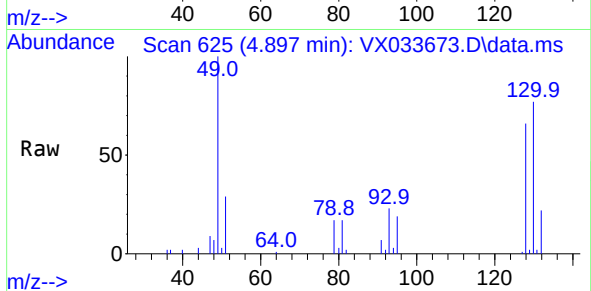
Quant Time: Jan 10 00:49:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
Response via : Initial Calibration



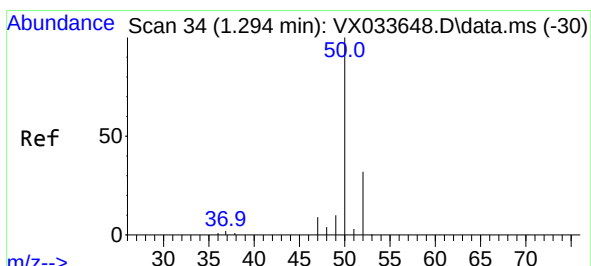
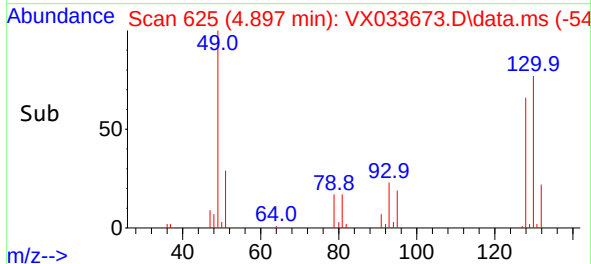
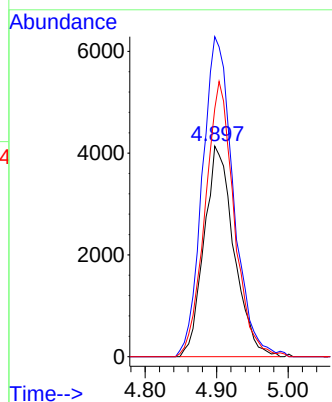


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

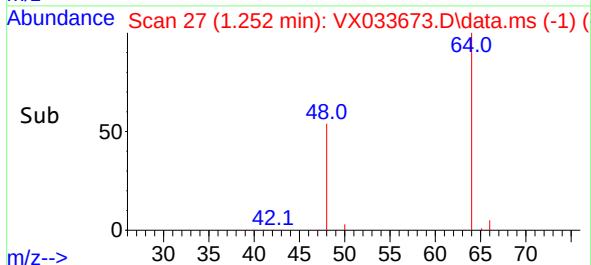
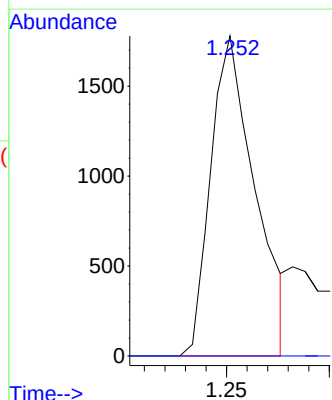
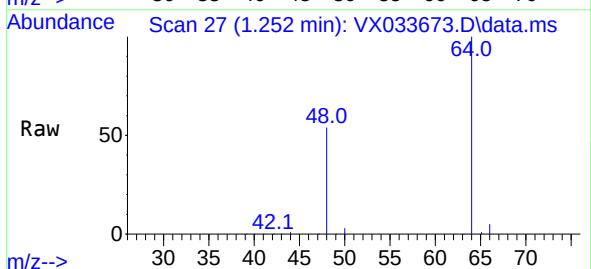


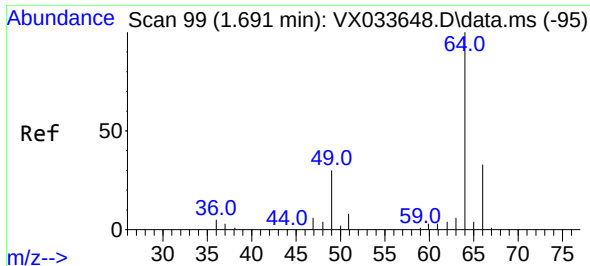
Tgt Ion:128 Resp: 12007
Ion Ratio Lower Upper
128 100
49 157.1 0.0 398.5
130 126.6 0.0 329.0



#3
Chloromethane
Concen: 1.984 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.043 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

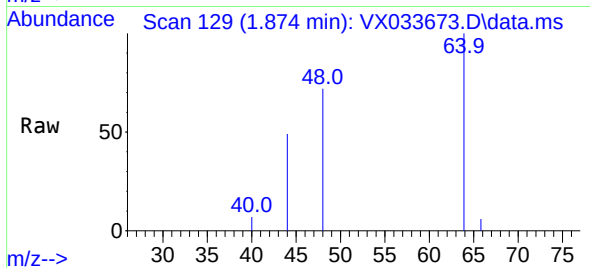
Tgt Ion: 50 Resp: 2670
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



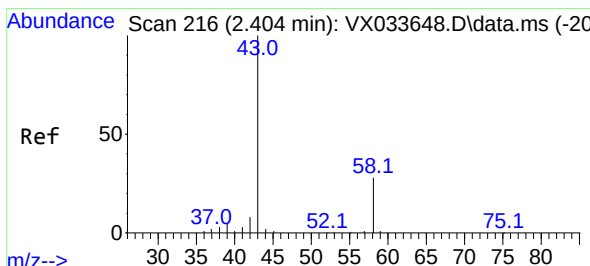
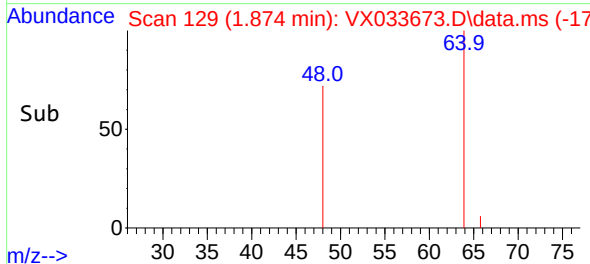
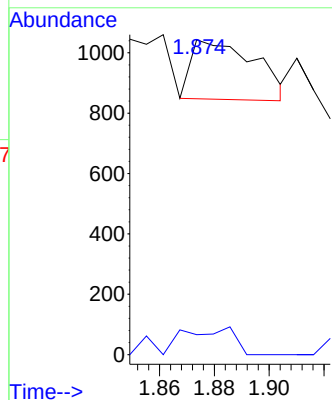


#6
Chloroethane
Concen: 0.445 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.183 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

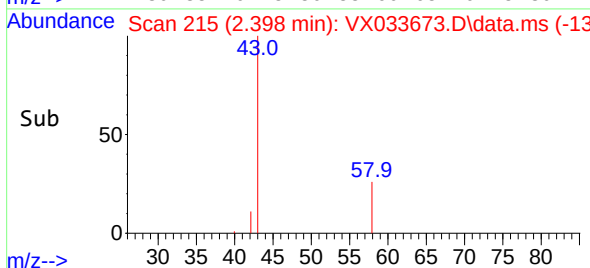
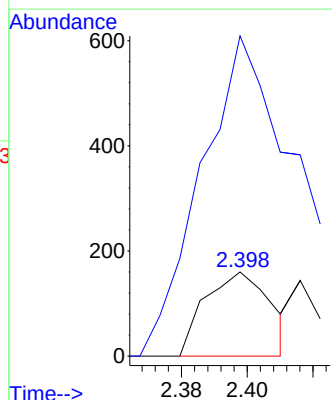
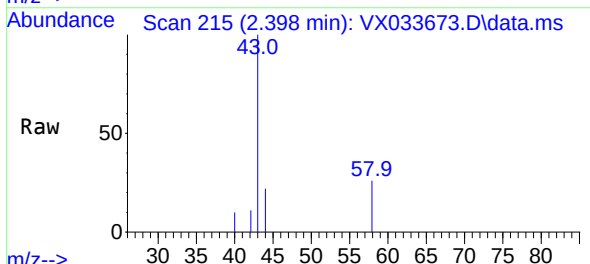


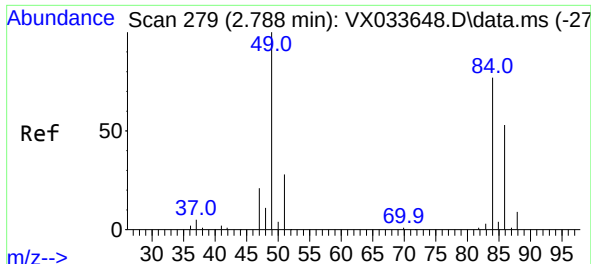
Tgt Ion: 64 Resp: 317
Ion Ratio Lower Upper
64 100
66 34.0 26.6 40.0



#15
Acetone
Concen: 1.542 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

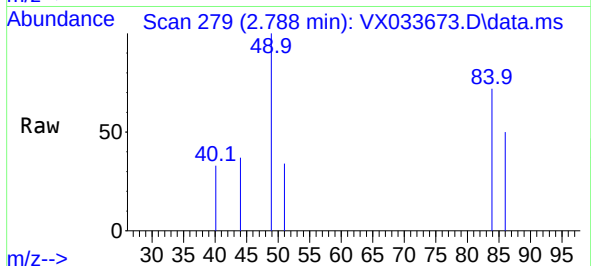
Tgt Ion: 58 Resp: 221
Ion Ratio Lower Upper
58 100
43 264.4 288.3 432.5#





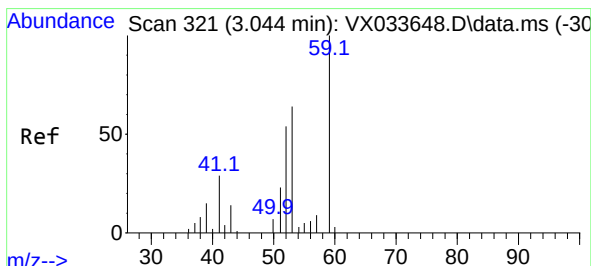
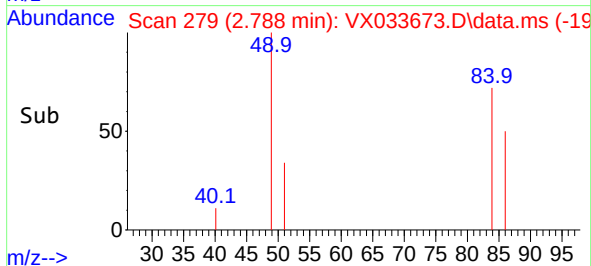
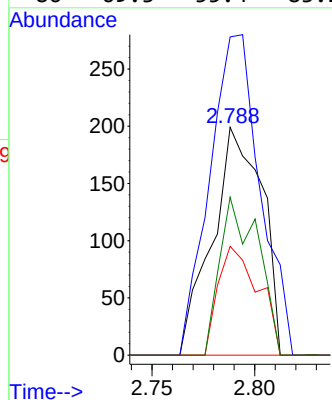
#18
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 336

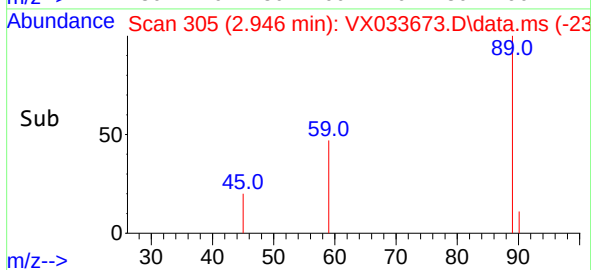
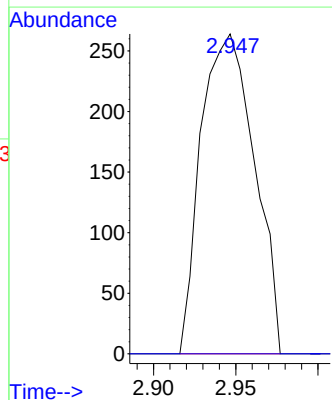
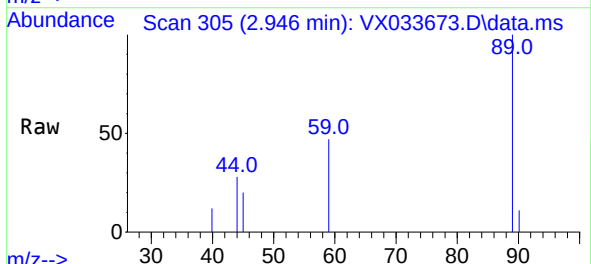
Ion	Ratio	Lower	Upper
84	100		
49	139.7	104.1	156.1
51	47.7	29.2	43.8#
86	69.3	55.4	83.2

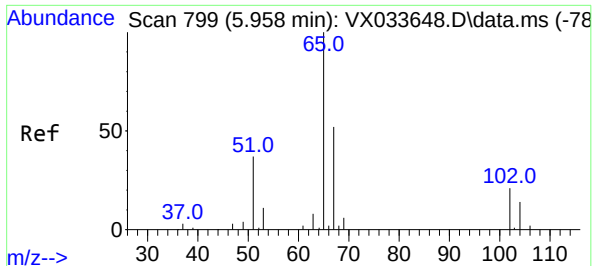


#23
tert-Butyl Alcohol
Concen: 2.391 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.098 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

Tgt Ion: 59 Resp: 598

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.2#

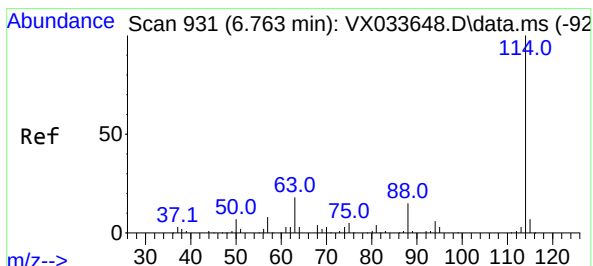
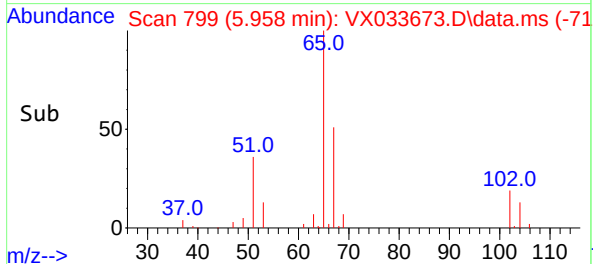
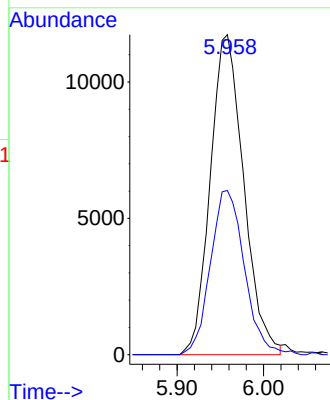
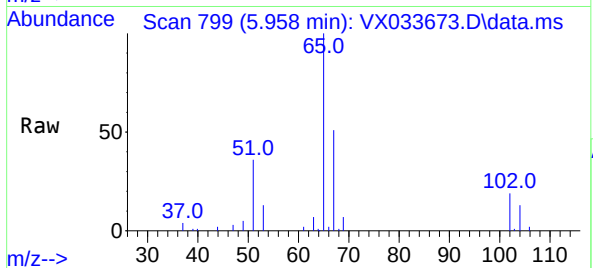




#27
1,2-Dichloroethane-d4
Concen: 32.374 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

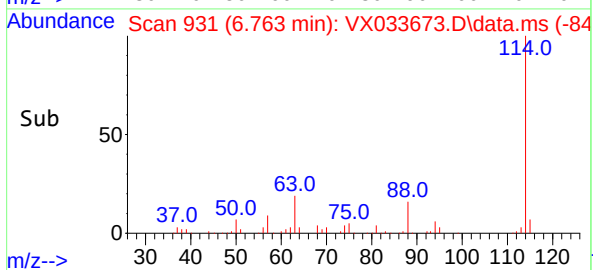
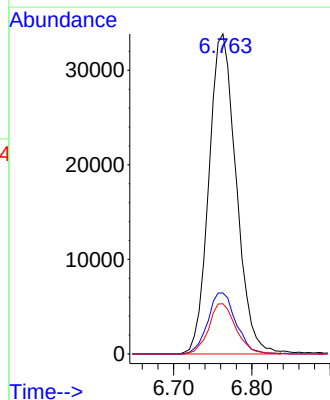
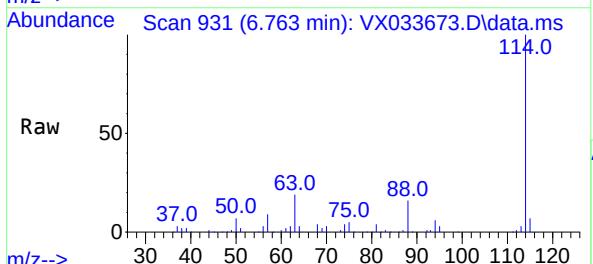
Instrument :
MSVOA_X
ClientSampleId :

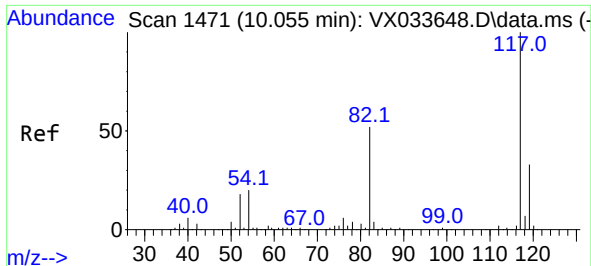
Tgt Ion: 65 Resp: 31474
Ion Ratio Lower Upper
65 100
67 51.9 40.4 60.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

Tgt Ion: 114 Resp: 81998
Ion Ratio Lower Upper
114 100
63 19.7 15.5 23.3
88 15.6 12.4 18.6

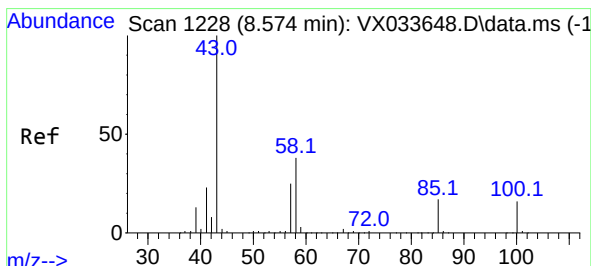
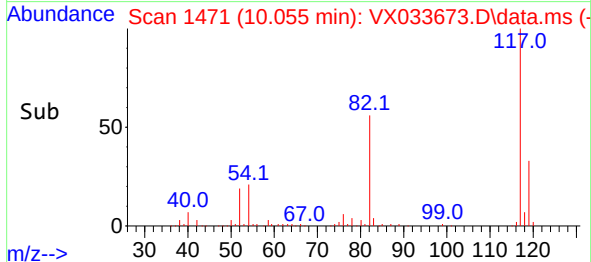
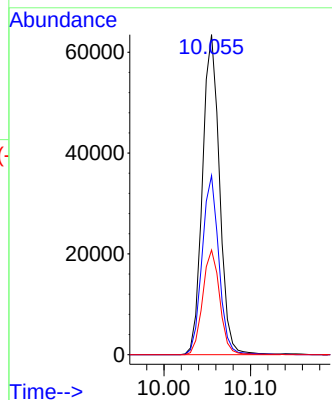
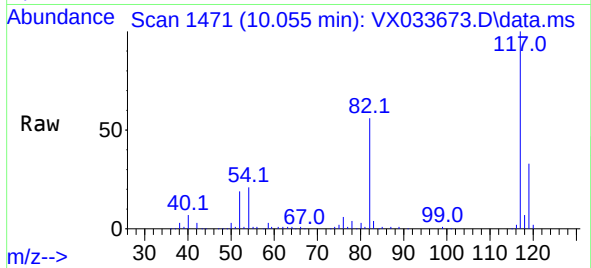




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

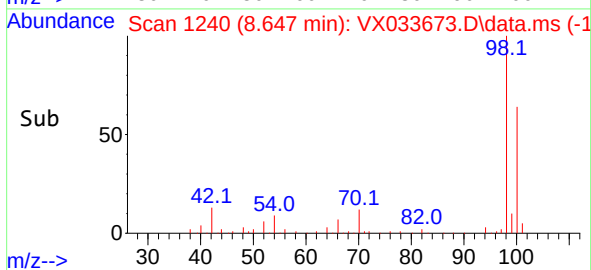
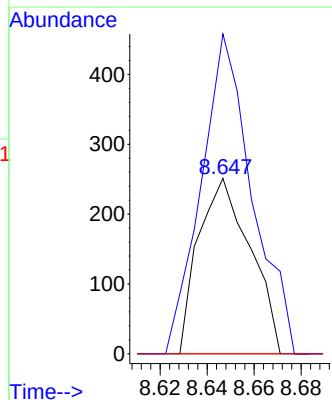
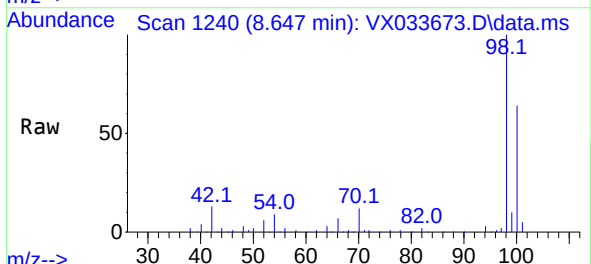
Instrument :
MSVOA_X
ClientSampleId :

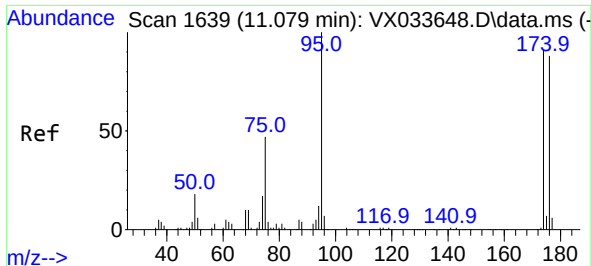
Tgt Ion:117 Resp: 86831
Ion Ratio Lower Upper
117 100
82 55.0 41.9 62.9
119 32.8 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 0.223 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

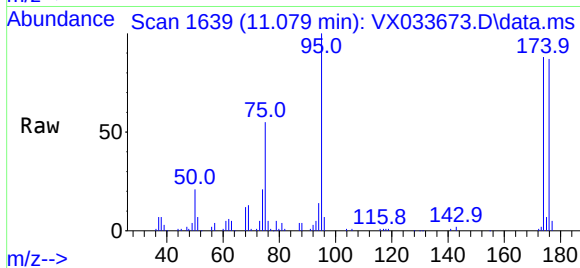
Tgt Ion: 43 Resp: 384
Ion Ratio Lower Upper
43 100
58 179.7 30.2 45.4#
85 0.0 13.8 20.8#



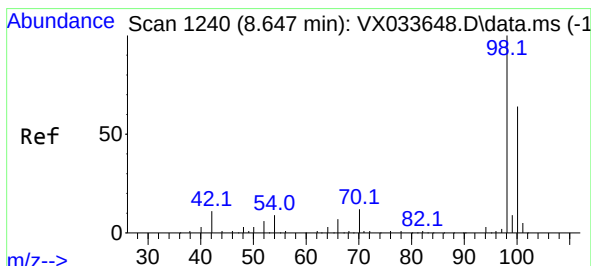
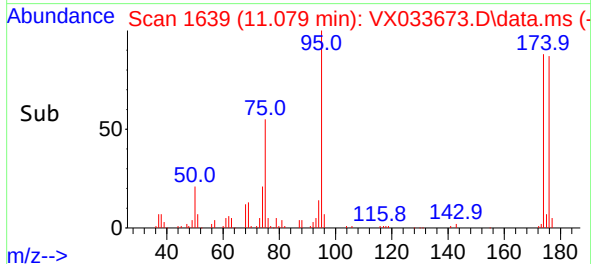
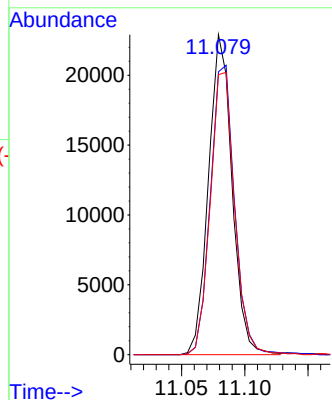


#60
4-Bromofluorobenzene
Concen: 18.975 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

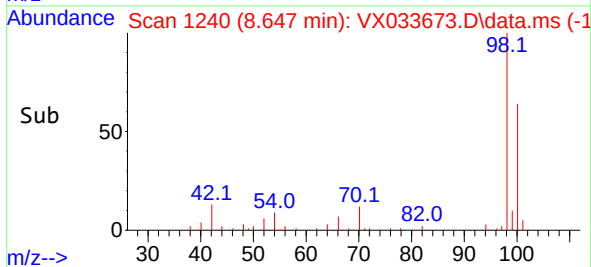
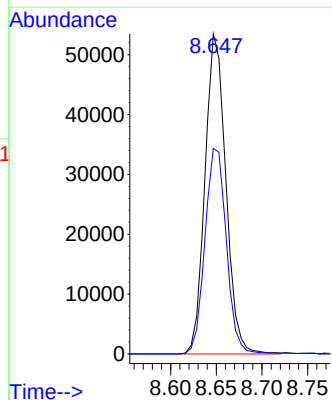
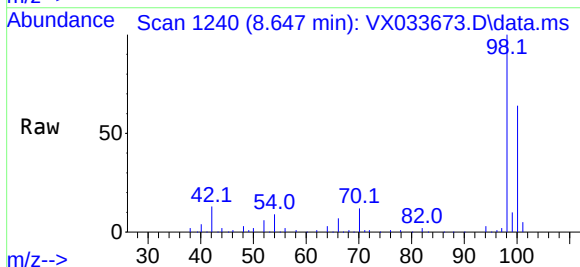


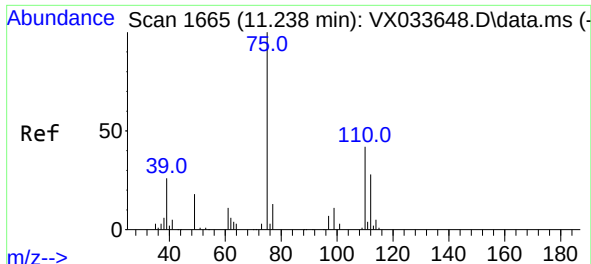
Tgt Ion: 95 Resp: 29695
Ion Ratio Lower Upper
95 100
174 92.9 73.7 110.5
176 91.2 71.0 106.4



#63
Toluene-d8
Concen: 30.517 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

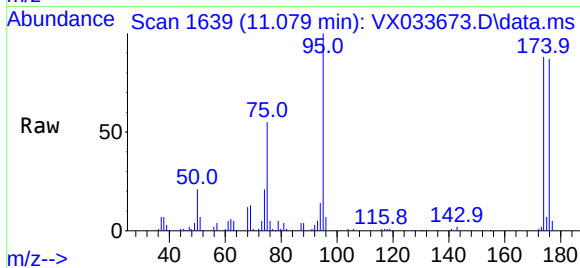
Tgt Ion: 98 Resp: 84804
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



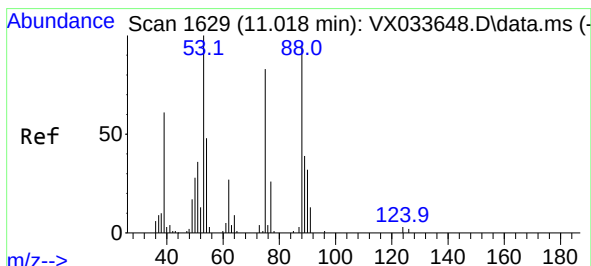
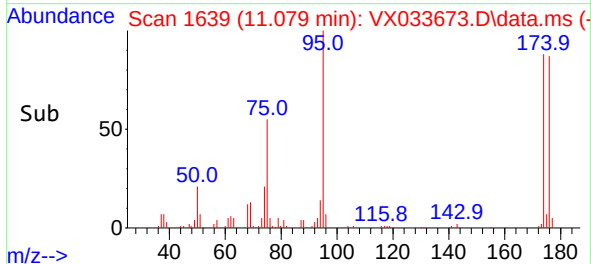
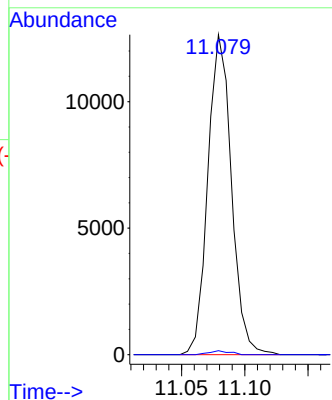


#72
1,2,3-Trichloropropane
Concen: 9.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 16407
Ion Ratio Lower Upper
75 100
77 1.1 0.0 74.6



#77
t-1,4-Dichloro-2-butene
Concen: 32.830 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033673.D
Acq: 09 Jan 2023 19:07

Tgt Ion: 75 Resp: 16407
Ion Ratio Lower Upper
75 100
53 0.0 60.2 180.6#
89 0.0 23.2 69.6#

