

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033665.D
 Acq On : 09 Jan 2023 16:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 10 00:47:39 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)

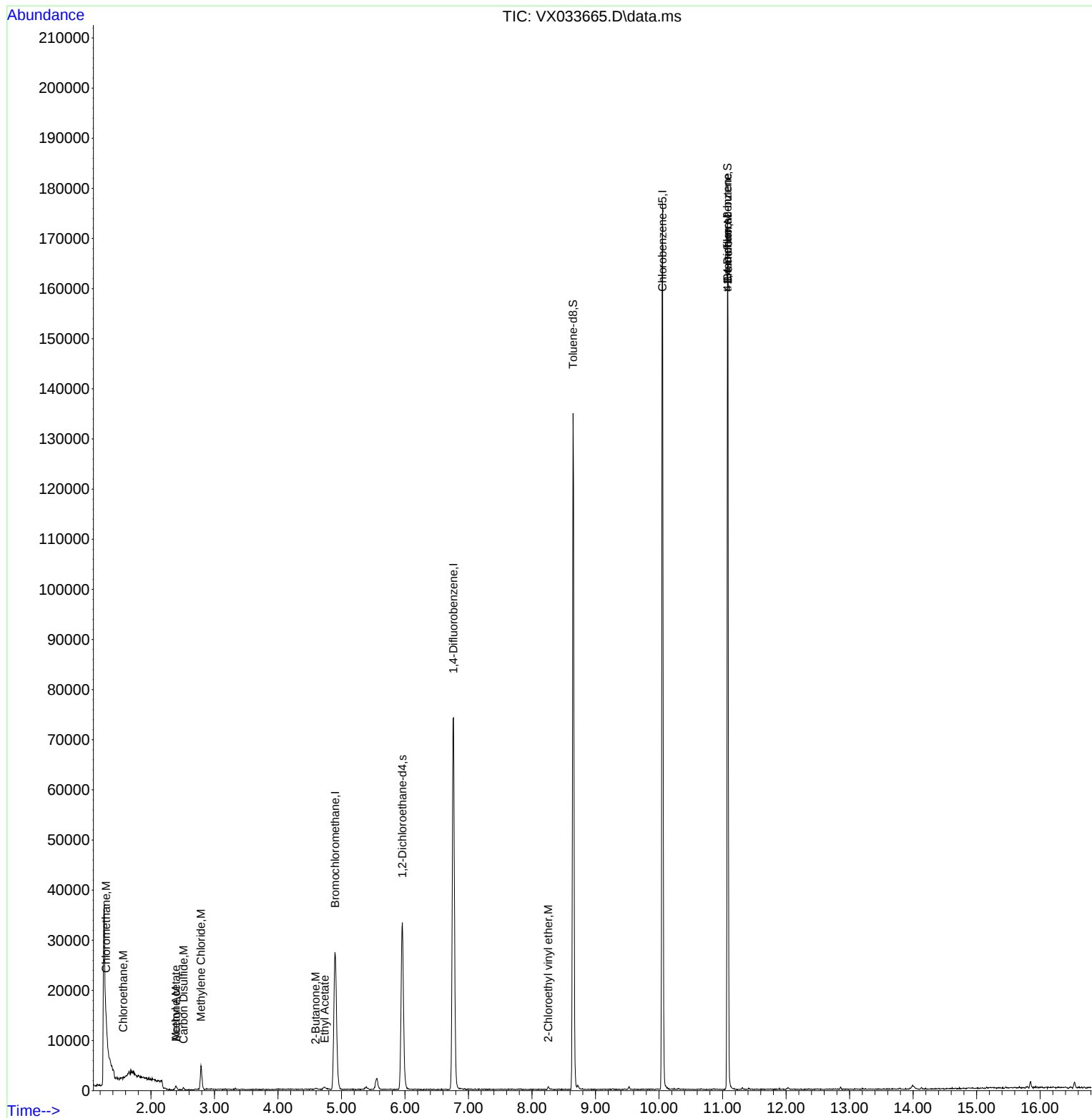
Internal Standards						
1) Bromochloromethane	4.897	128	12150	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	78583	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81295	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	33210	33.757	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.533%#
60) 4-Bromofluorobenzene	11.079	95	43008	29.353	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.833%
63) Toluene-d8	8.647	98	80320	30.872	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.900%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	784	0.576	ug/l #	83
6) Chloroethane	1.563	64	266	0.369	ug/l	89
12) Methyl Acetate	2.392	43	1075	0.553	ug/l #	55
15) Acetone	2.392	58	236	1.627	ug/l	70
16) Carbon Disulfide	2.514	76	550	0.204	ug/l #	76
18) Methylene Chloride	2.788	84	2060	1.585	ug/l #	91
30) 2-Butanone	4.592	43	461	0.520	ug/l #	56
43) Ethyl Acetate	4.733	43	734	0.404	ug/l #	74
55) 2-Chloroethyl vinyl ether	8.256	63	327	0.353	ug/l #	70
56) Bromoform	11.085	173	609	0.566	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	21806	46.605	ug/l #	3

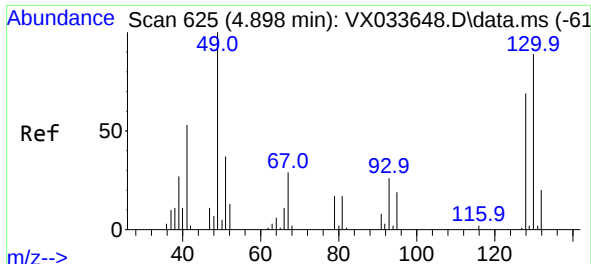
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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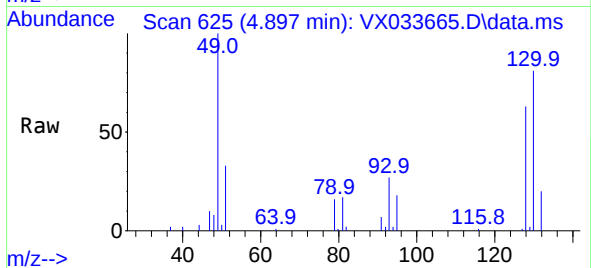
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
Response via : Initial Calibration



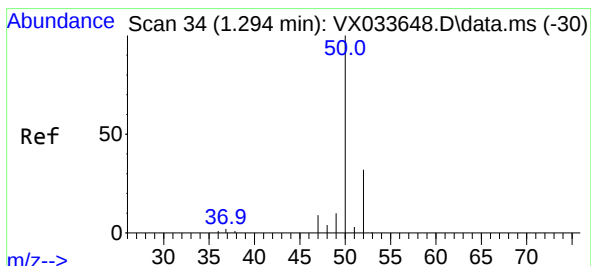
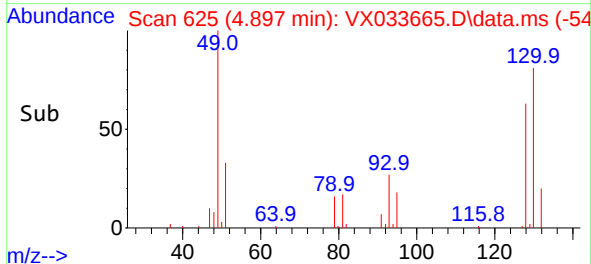
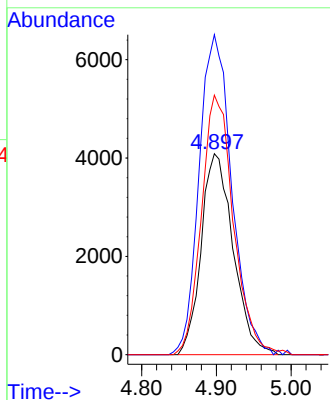


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Instrument :
MSVOA_X
ClientSampleId :

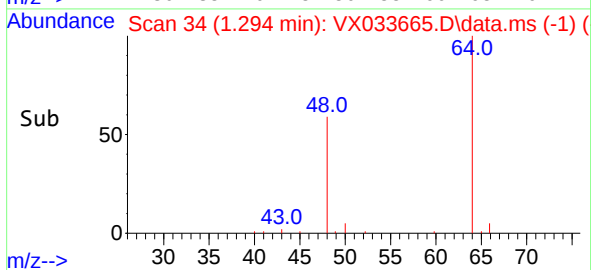
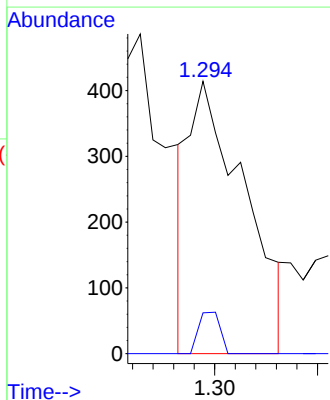
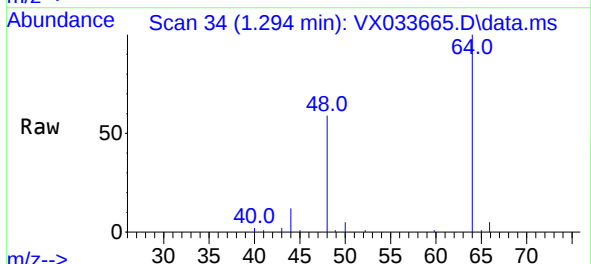


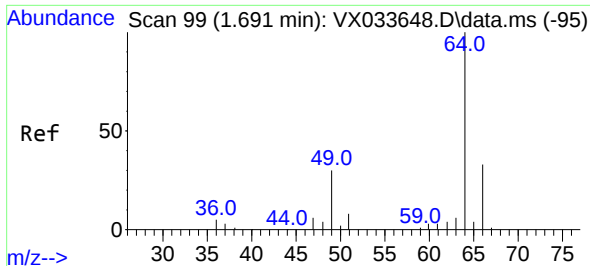
Tgt Ion:128 Resp: 12150
Ion Ratio Lower Upper
128 100
49 162.5 0.0 398.5
130 129.9 0.0 329.0



#3
Chloromethane
Concen: 0.576 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

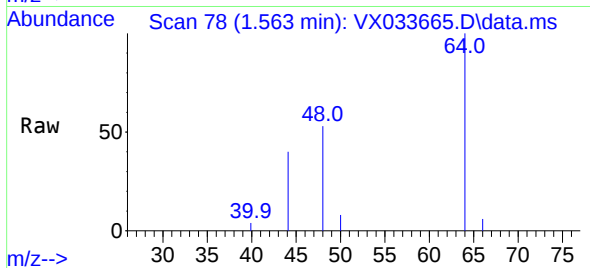
Tgt Ion: 50 Resp: 784
Ion Ratio Lower Upper
50 100
52 22.5 25.5 38.3#



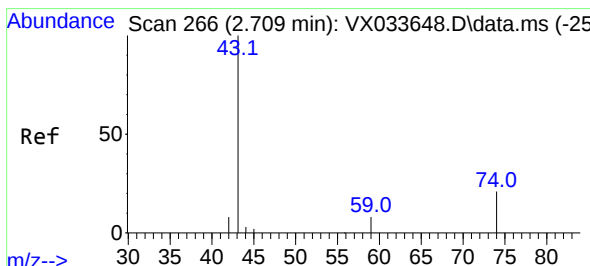
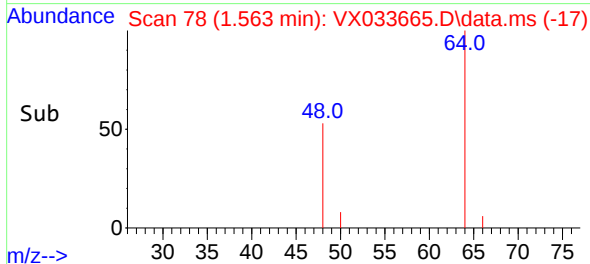
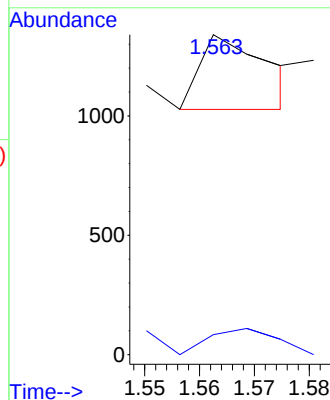


#6
Chloroethane
Concen: 0.369 ug/l
RT: 1.563 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Instrument :
MSVOA_X
ClientSampleId :

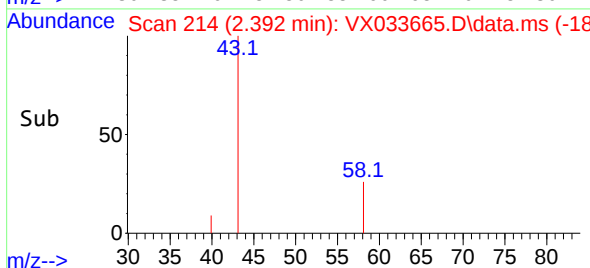
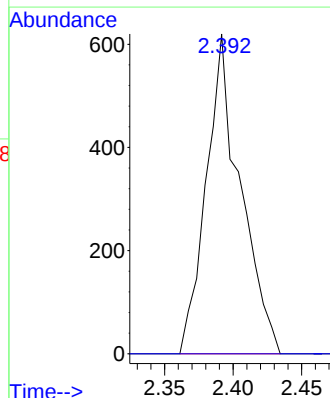
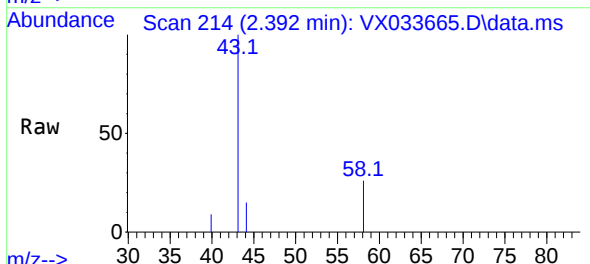


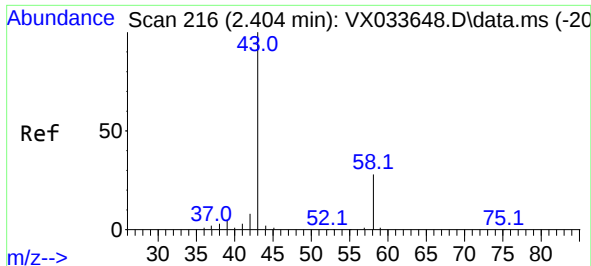
Tgt Ion: 64 Resp: 266
Ion Ratio Lower Upper
64 100
66 26.8 26.6 40.0



#12
Methyl Acetate
Concen: 0.553 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.317 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.6#

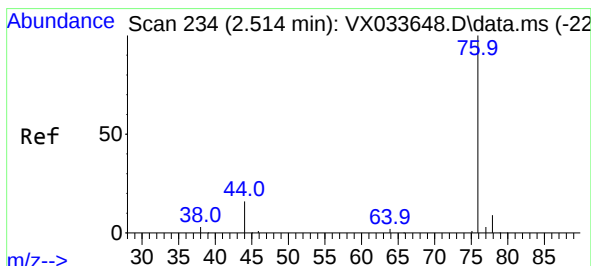
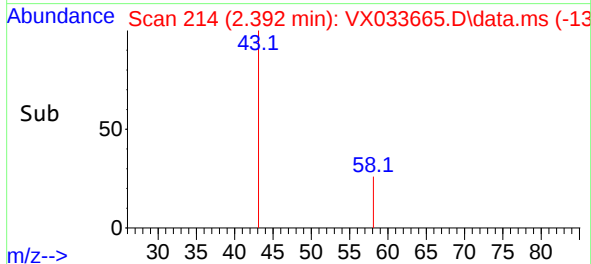
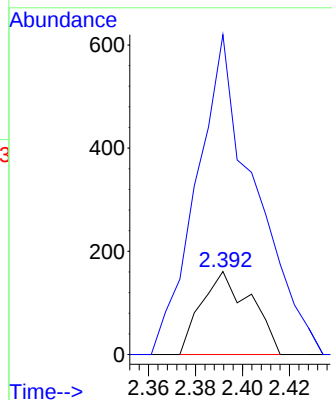
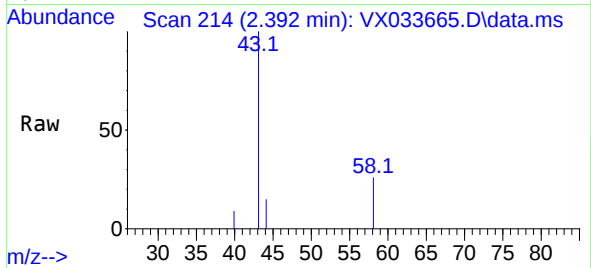




#15
Acetone
Concen: 1.627 ug/l
RT: 2.392 min Scan# 216
Delta R.T. -0.012 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

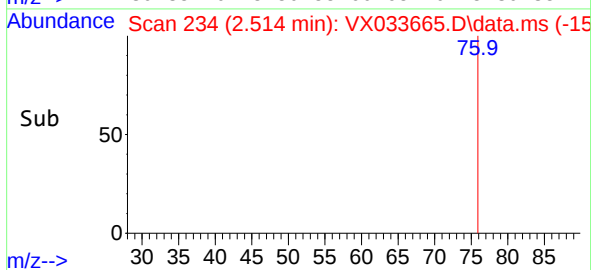
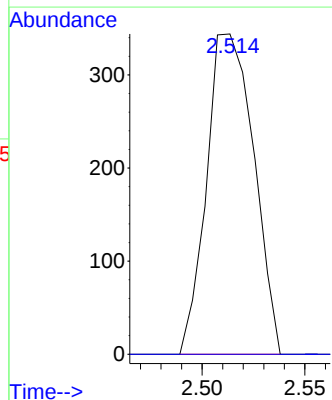
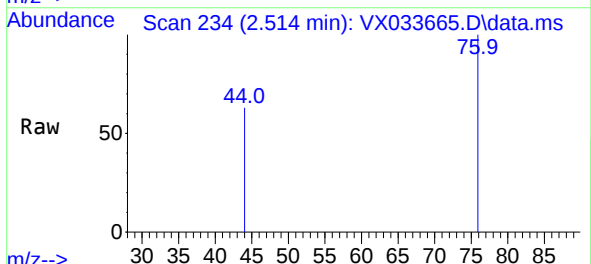
Instrument :
MSVOA_X
ClientSampleId :

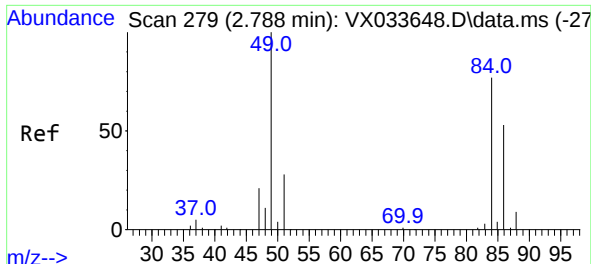
Tgt Ion: 58 Resp: 236
Ion Ratio Lower Upper
58 100
43 294.4 288.3 432.5



#16
Carbon Disulfide
Concen: 0.204 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

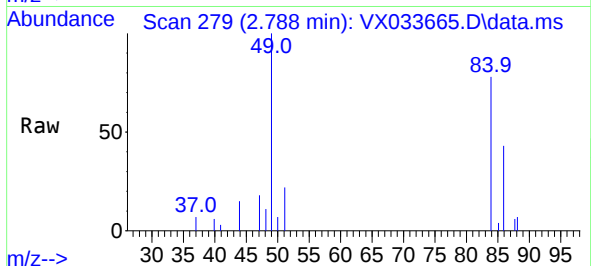
Tgt Ion: 76 Resp: 550
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#





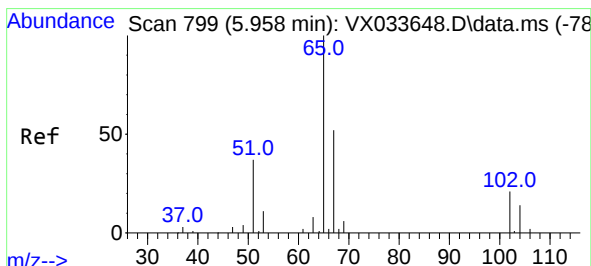
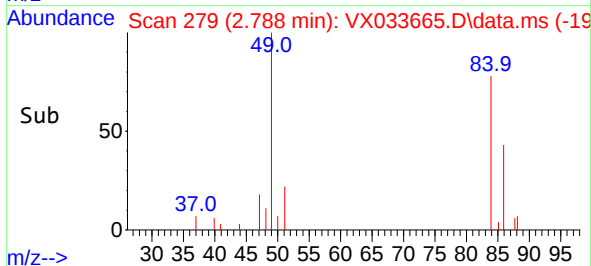
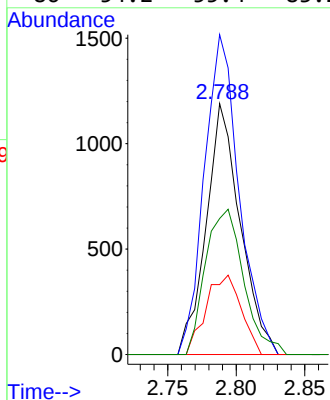
#18
Methylene Chloride
Concen: 1.585 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 2060

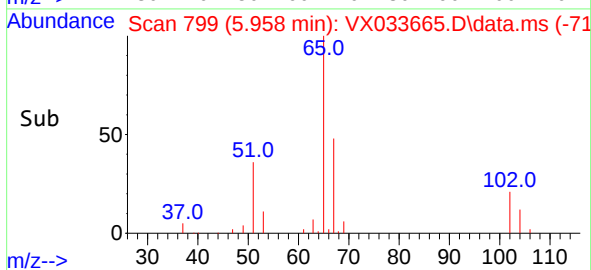
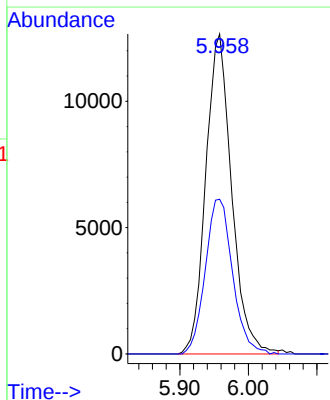
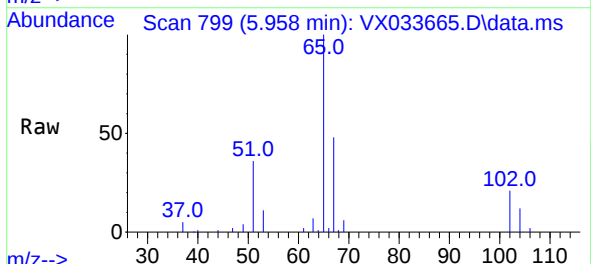
Ion	Ratio	Lower	Upper
84	100		
49	127.5	104.1	156.1
51	27.9	29.2	43.8#
86	54.2	55.4	83.2#

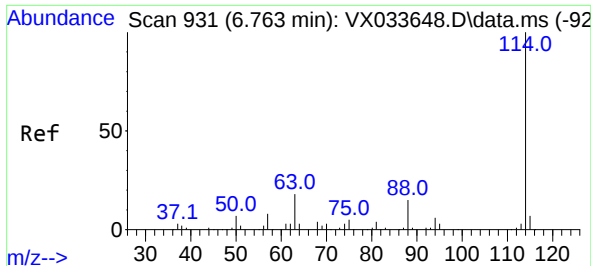


#27
1,2-Dichloroethane-d4
Concen: 33.757 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Tgt Ion: 65 Resp: 33210

Ion	Ratio	Lower	Upper
65	100		
67	51.0	40.4	60.6

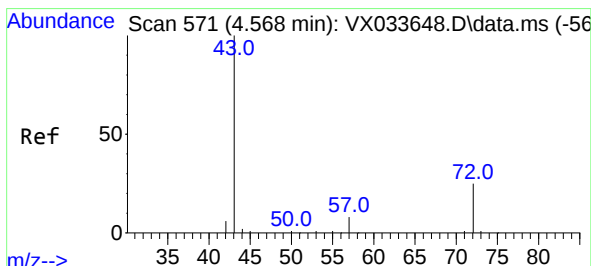
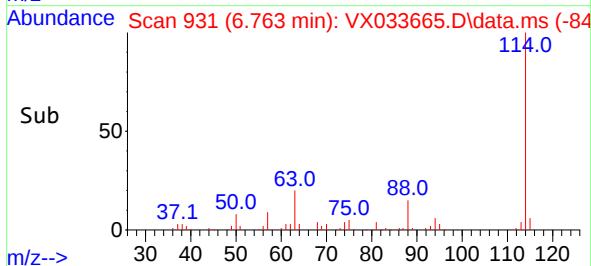
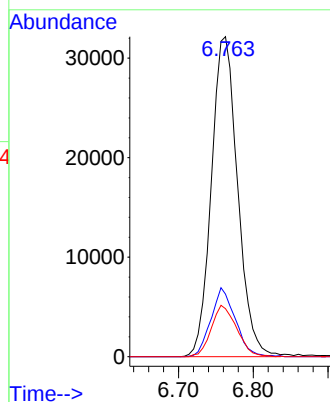
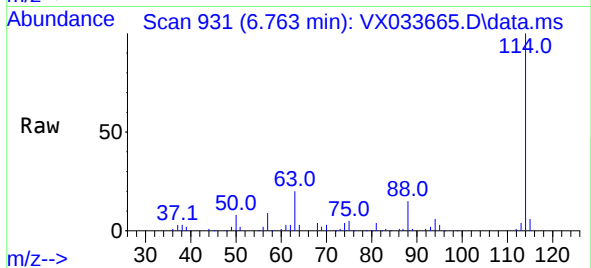




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

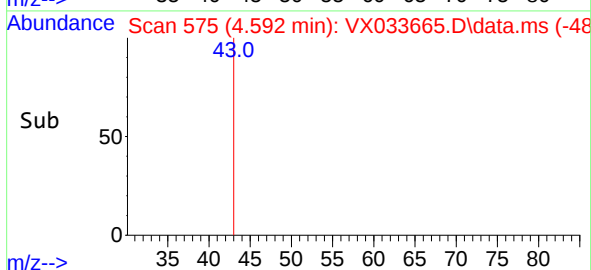
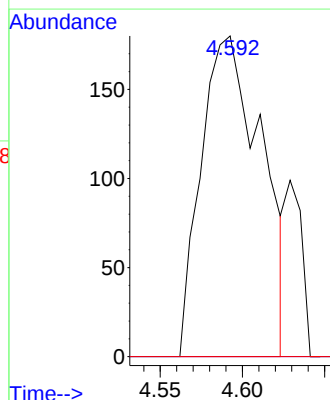
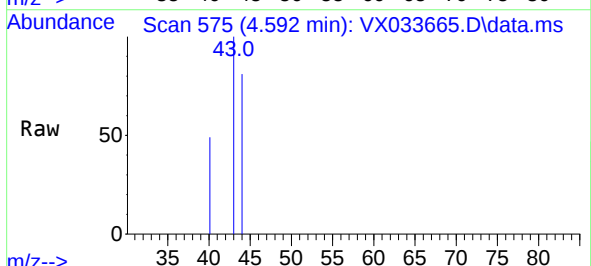
Instrument :
MSVOA_X
ClientSampleId :

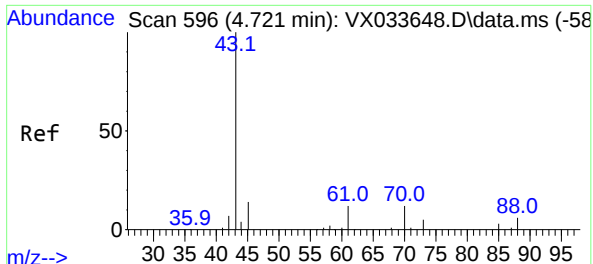
Tgt Ion:114 Resp: 78583
Ion Ratio Lower Upper
114 100
63 20.0 15.5 23.3
88 15.5 12.4 18.6



#30
2-Butanone
Concen: 0.520 ug/l
RT: 4.592 min Scan# 575
Delta R.T. 0.024 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Tgt Ion: 43 Resp: 461
Ion Ratio Lower Upper
43 100
57 0.0 3.4 5.2#
72 0.0 19.8 29.6#





#43

Ethyl Acetate

Concen: 0.404 ug/l

RT: 4.733 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX033665.D

Acq: 09 Jan 2023 16:02

Instrument :

MSVOA_X

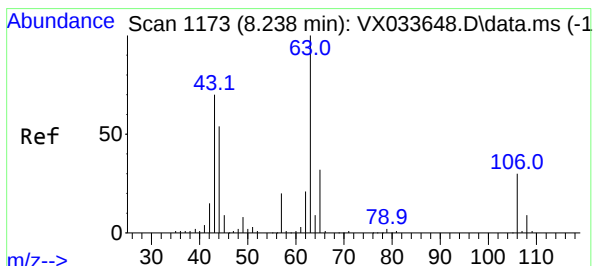
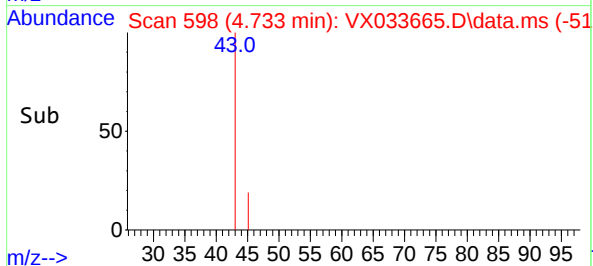
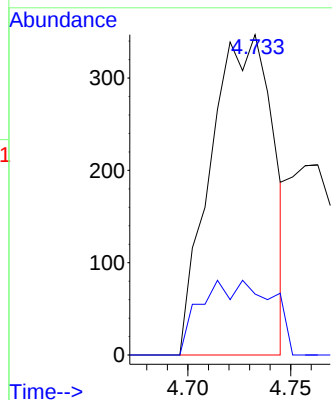
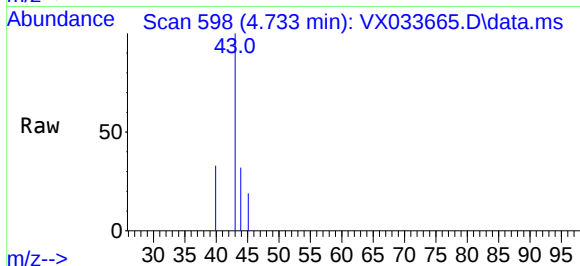
ClientSampleId :

Tgt Ion: 43 Resp: 734

Ion Ratio Lower Upper

43 100

45 3.4 11.2 16.8#



#55

2-Chloroethyl vinyl ether

Concen: 0.353 ug/l

RT: 8.256 min Scan# 1176

Delta R.T. 0.018 min

Lab File: VX033665.D

Acq: 09 Jan 2023 16:02

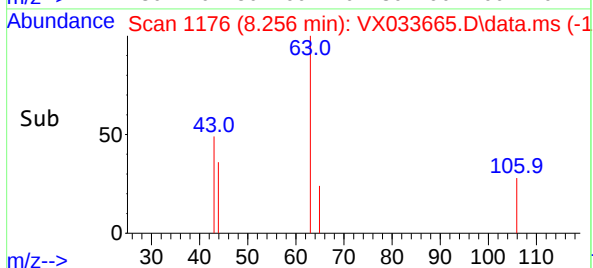
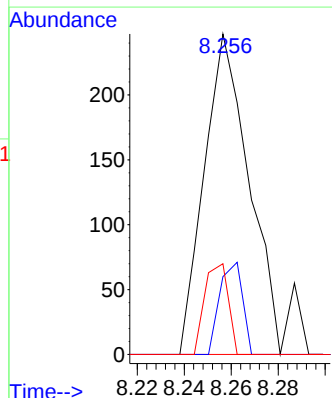
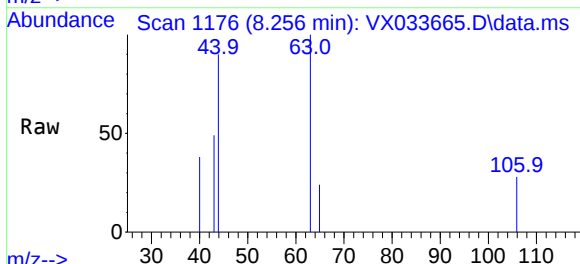
Tgt Ion: 63 Resp: 327

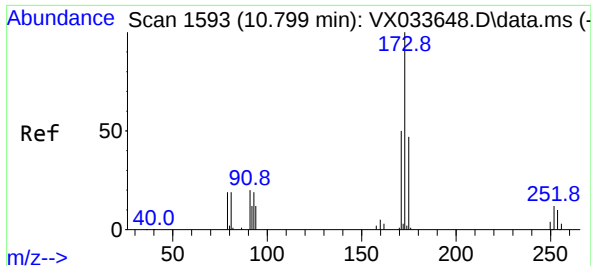
Ion Ratio Lower Upper

63 100

65 14.7 26.2 39.4#

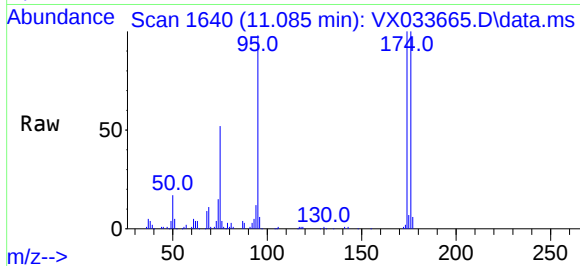
106 15.0 24.0 36.0#



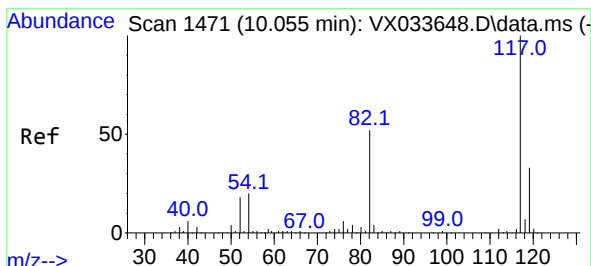
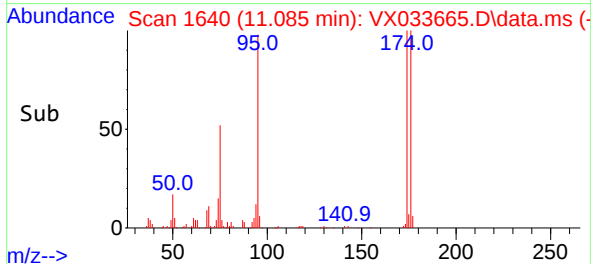
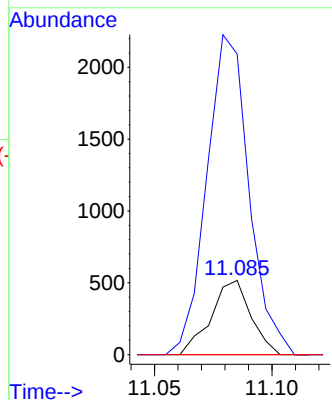


#56
Bromoform
Concen: 0.566 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.286 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Instrument :
MSVOA_X
ClientSampleId :

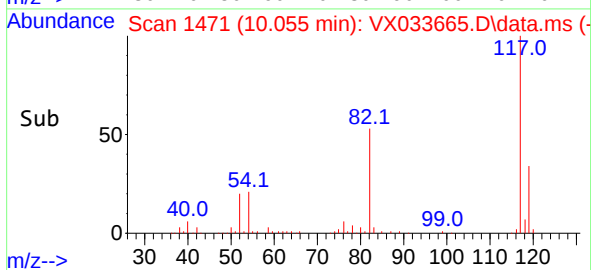
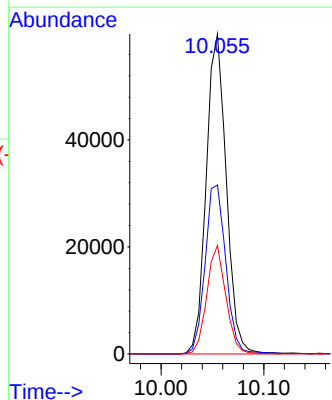
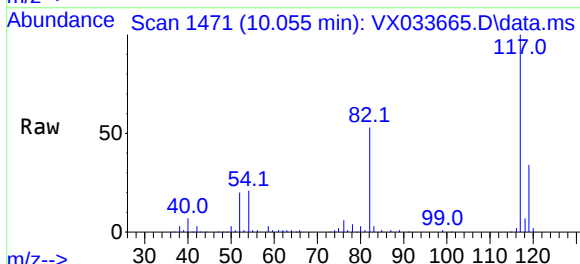


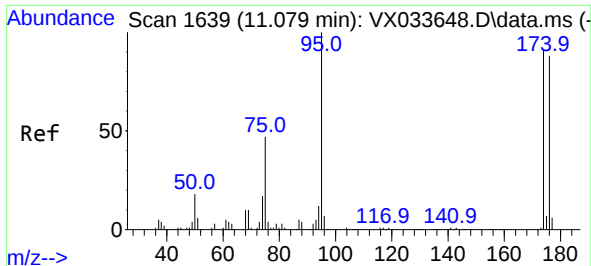
Tgt Ion:173 Resp: 609
Ion Ratio Lower Upper
173 100
175 457.0 38.2 57.4#
254 0.0 8.6 13.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

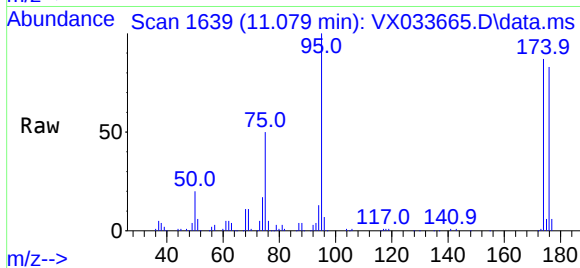
Tgt Ion:117 Resp: 81295
Ion Ratio Lower Upper
117 100
82 54.7 41.9 62.9
119 32.3 25.6 38.4



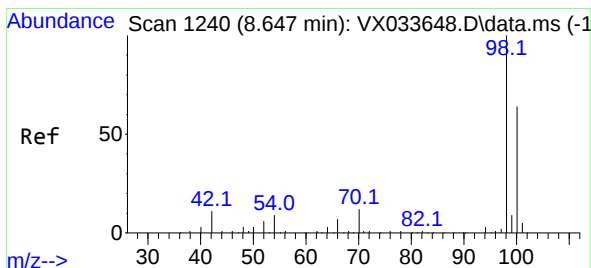
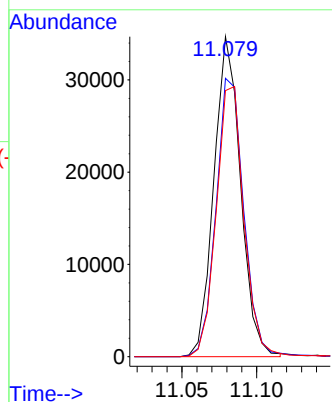


#60
4-Bromofluorobenzene
Concen: 29.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

Instrument :
MSVOA_X
ClientSampleId :

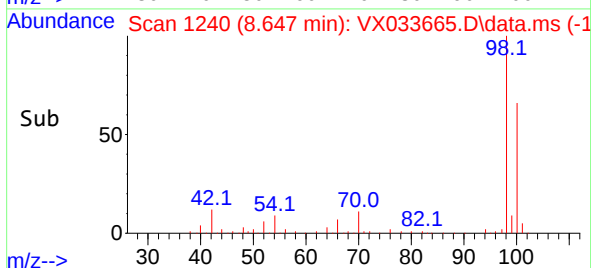
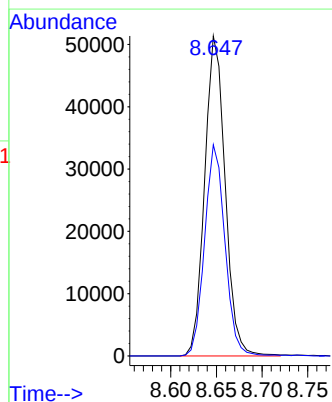
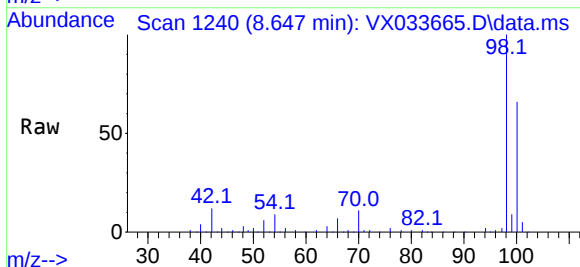


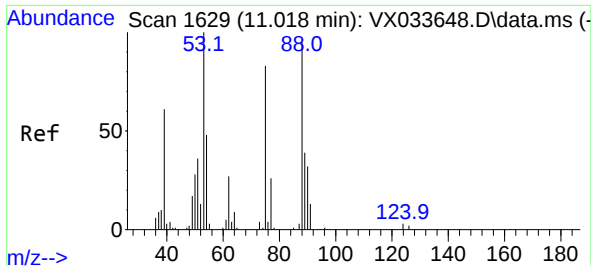
Tgt Ion: 95 Resp: 43008
Ion Ratio Lower Upper
95 100
174 90.8 73.7 110.5
176 87.8 71.0 106.4



#63
Toluene-d8
Concen: 30.872 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033665.D
Acq: 09 Jan 2023 16:02

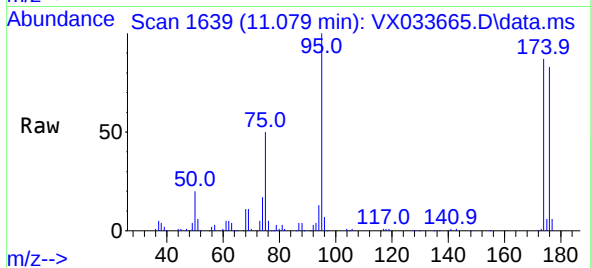
Tgt Ion: 98 Resp: 80320
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





#77
 t-1,4-Dichloro-2-butene
 Concen: 46.605 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033665.D
 Acq: 09 Jan 2023 16:02

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 21806
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.2 180.6#
 89 0.5 23.2 69.6#

