

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037445.D
 Acq On : 31 Aug 2023 21:08
 Operator : JC/MD
 Sample : 04251-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-03B-51.5-083023

Quant Time: Sep 01 03:17:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	144313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88256	42.420	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.840%
35) Dibromofluoromethane	5.385	113	72427	45.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.647	98	281134	49.091	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	101261	44.994	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%

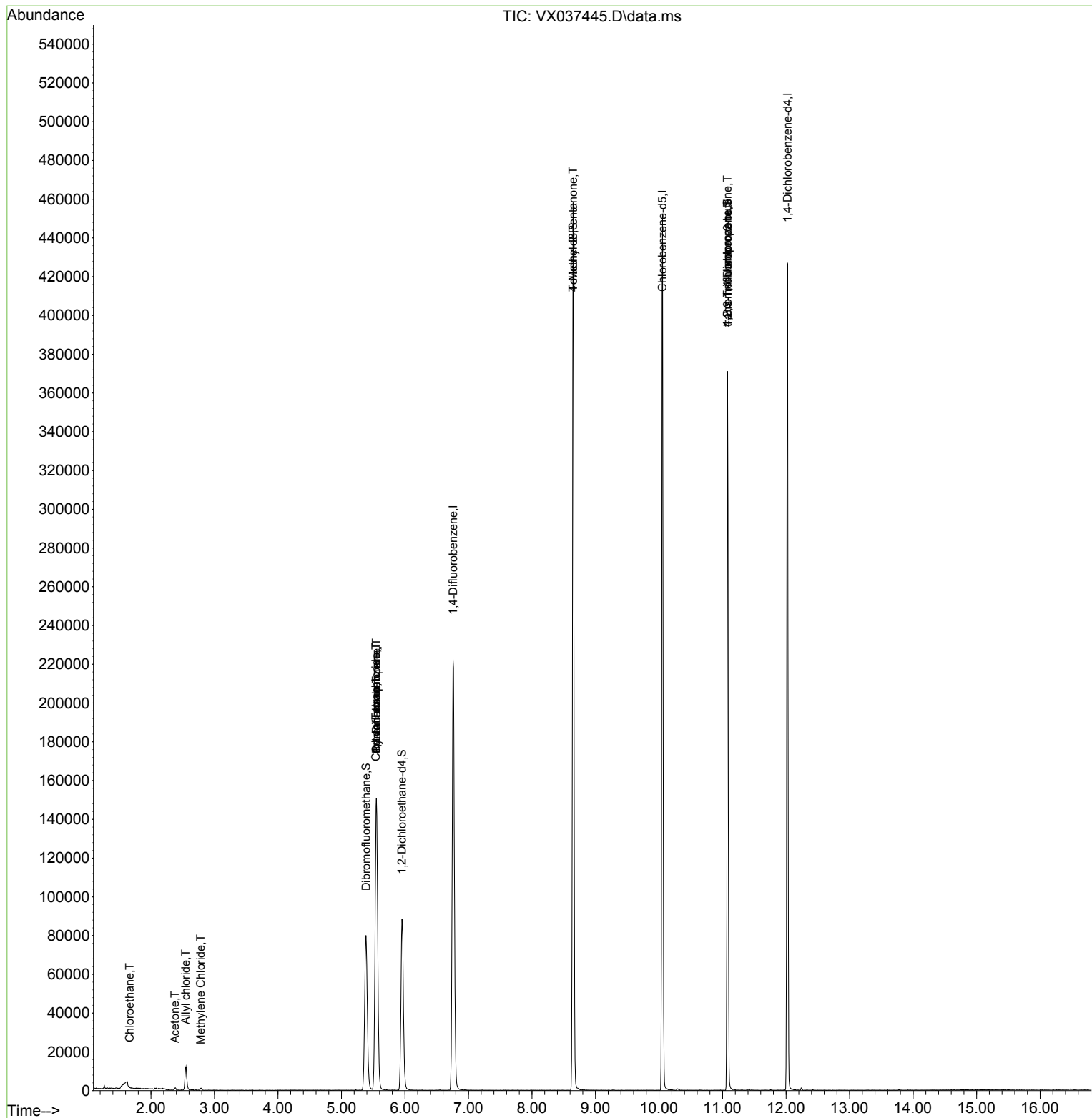
Target Compounds				Qvalue		
6) Chloroethane	1.666	64	236	0.251	ug/l #	43
14) Allyl chloride	2.544	41	1206	0.524	ug/l #	61
16) Acetone	2.380	43	1441	1.770	ug/l	90
20) Methylene Chloride	2.782	84	483	0.265	ug/l #	74
31) Cyclohexane	5.550	56	2716	1.161	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10806	4.818	ug/l #	51
38) Carbon Tetrachloride	5.544	117	15207	6.241	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	985	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49797	24.572	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49797	68.630	ug/l #	5

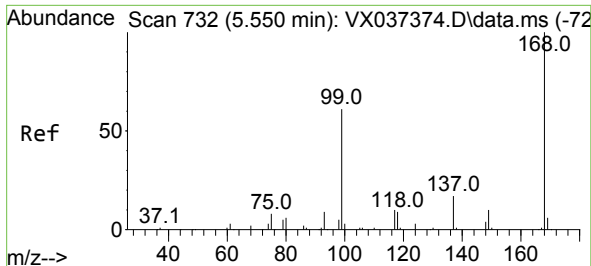
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

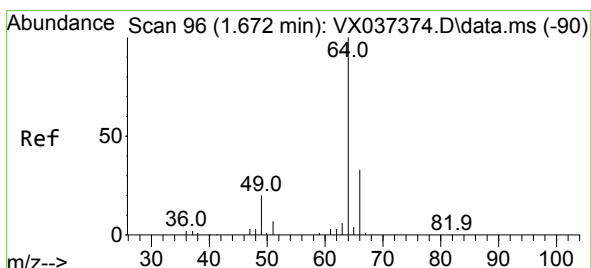
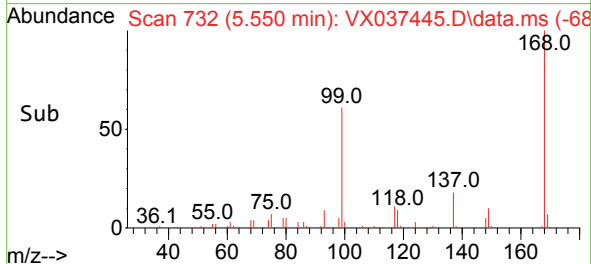
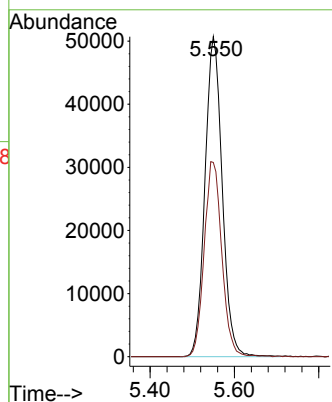
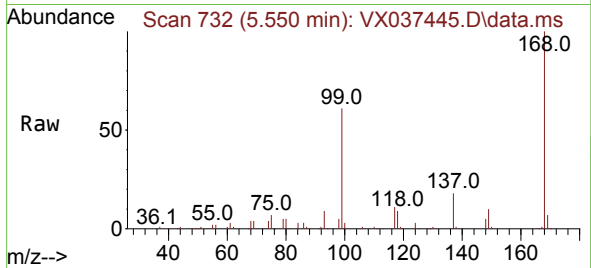




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

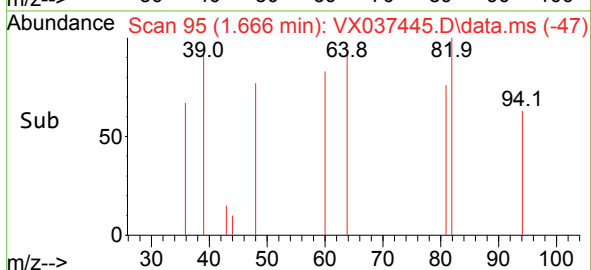
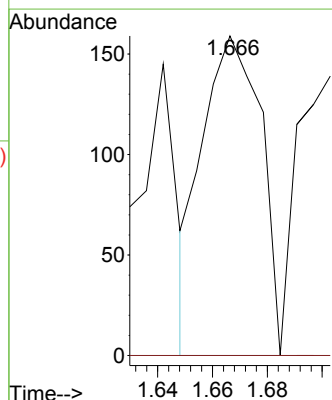
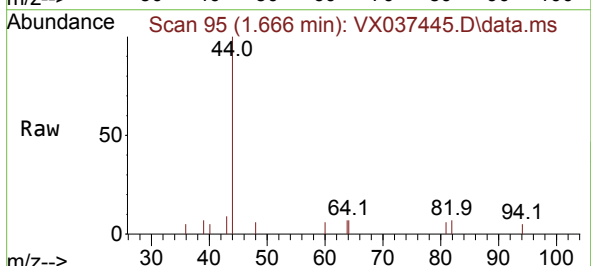
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-083023

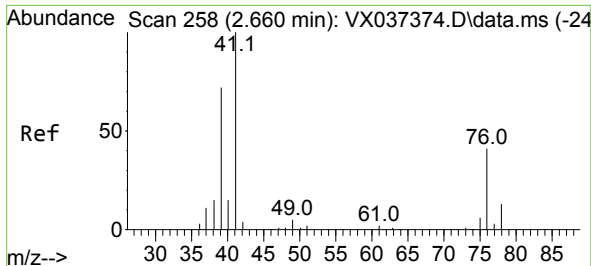
Tgt Ion:168 Resp: 144313
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#6
Chloroethane
Concen: 0.251 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.006 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion: 64 Resp: 236
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#14

Allyl chloride

Concen: 0.524 ug/l

RT: 2.544 min Scan# 21

Delta R.T. -0.116 min

Lab File: VX037445.D

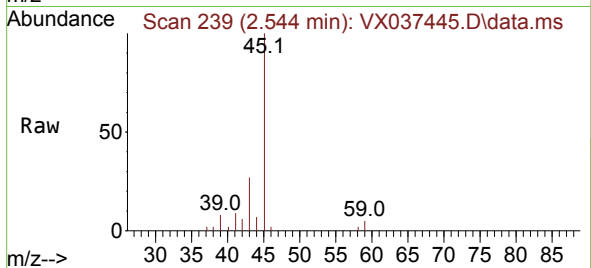
Acq: 31 Aug 2023 21:08

Instrument :

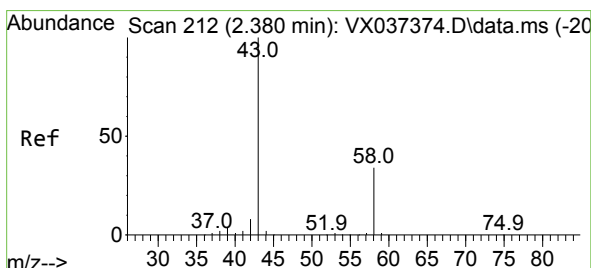
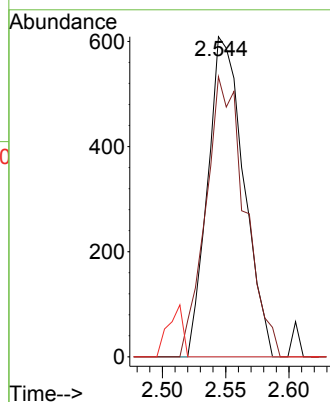
MSVOA_X

ClientSampleId :

OW-03B-51.5-083023



Tgt Ion:	41	Resp:	1206
Ion	Ratio	Lower	Upper
41	100		
39	95.1	55.8	83.6#
76	0.0	24.3	36.5#



#16

Acetone

Concen: 1.770 ug/l

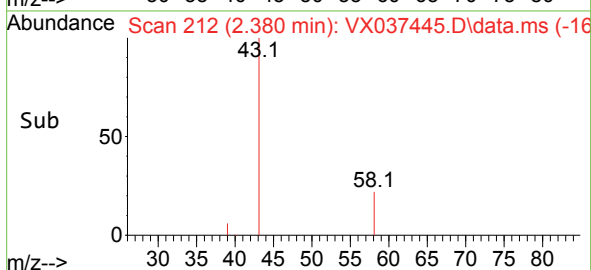
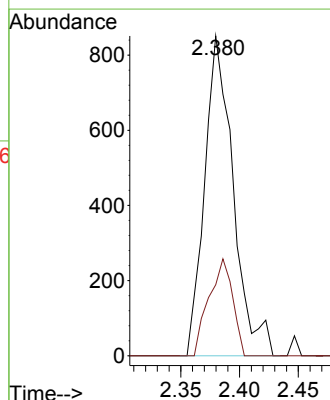
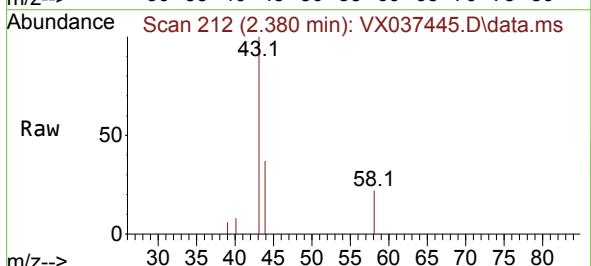
RT: 2.380 min Scan# 212

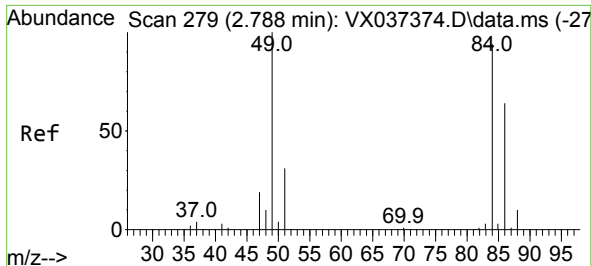
Delta R.T. -0.006 min

Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

Tgt Ion:	43	Resp:	1441
Ion	Ratio	Lower	Upper
43	100		
58	22.2	21.9	32.9

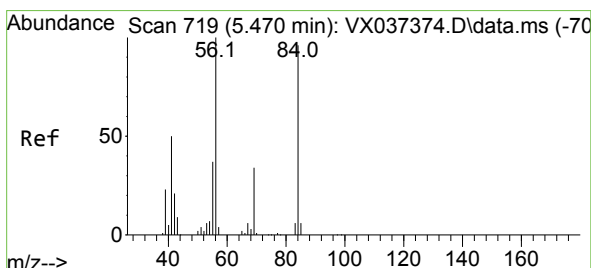
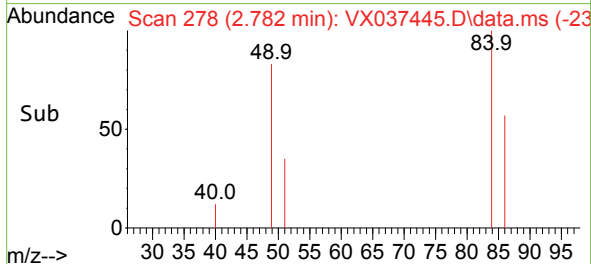
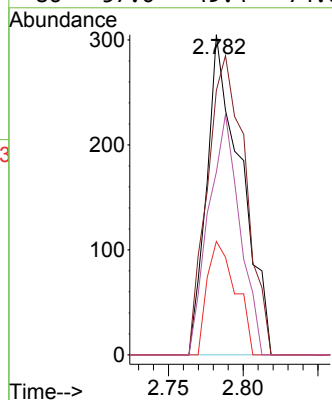
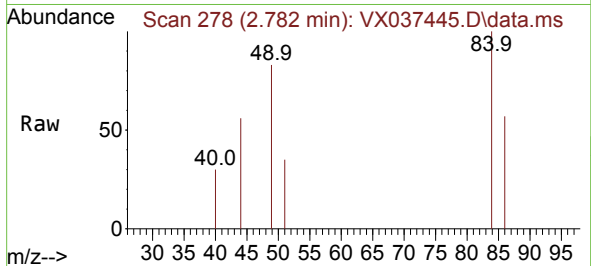




#20
Methylene Chloride
Concen: 0.265 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

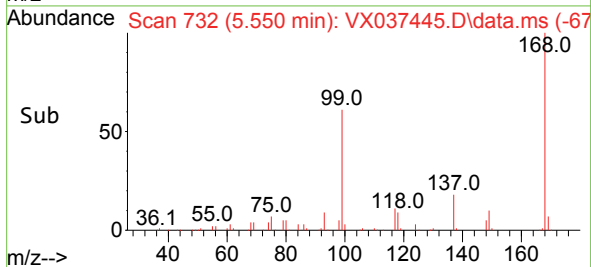
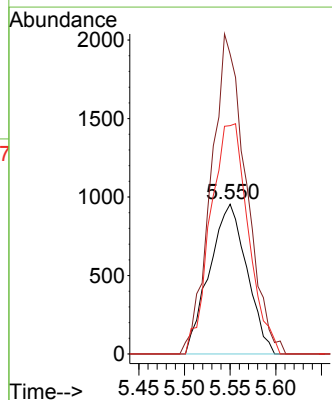
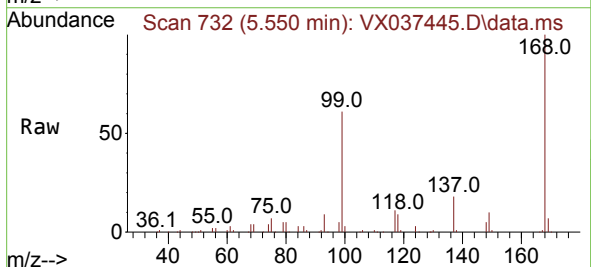
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-083023

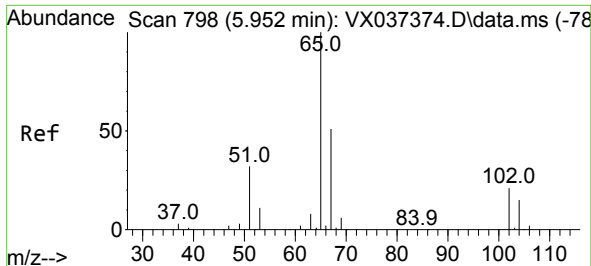
Tgt Ion: 84	Resp: 483
Ion Ratio	Lower Upper
84 100	
49 82.6	103.6 155.4#
51 35.4	33.8 50.6
86 57.0	49.4 74.0



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion: 56	Resp: 2716
Ion Ratio	Lower Upper
56 100	
69 200.3	23.4 35.2#
84 152.5	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.420 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

Instrument :

MSVOA_X

ClientSampleId :

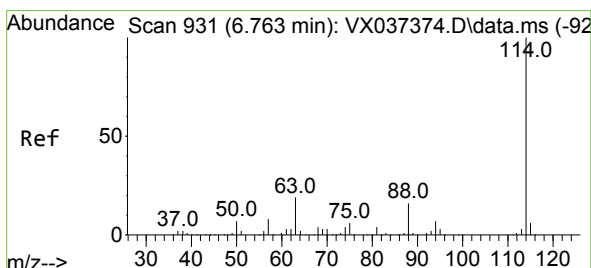
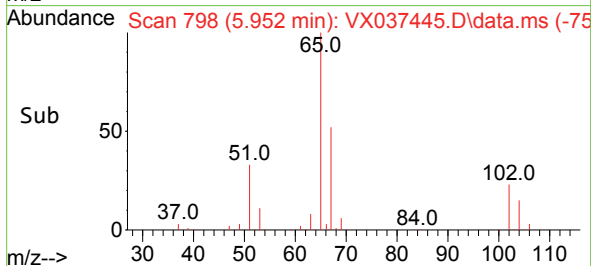
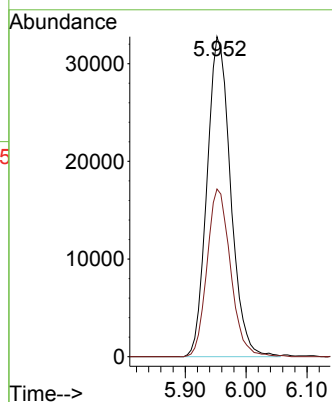
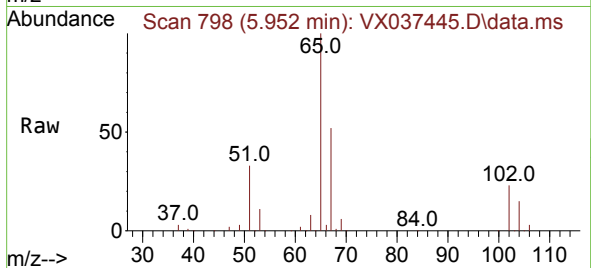
OW-03B-51.5-083023

Tgt Ion: 65 Resp: 88256

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

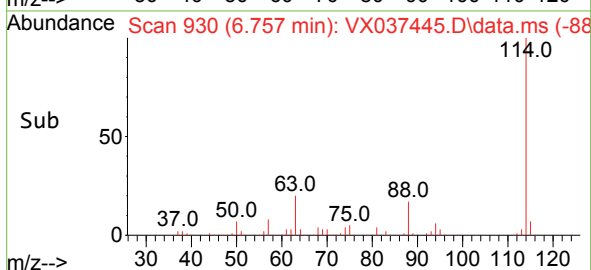
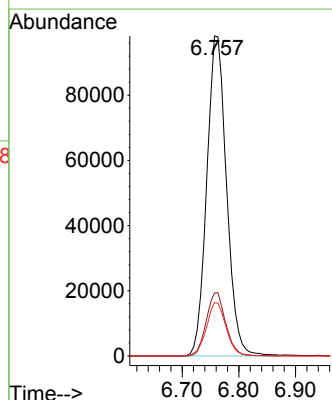
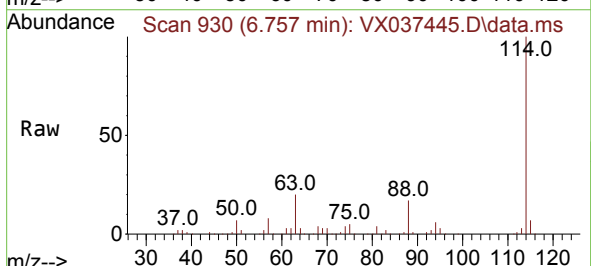
Tgt Ion: 114 Resp: 238384

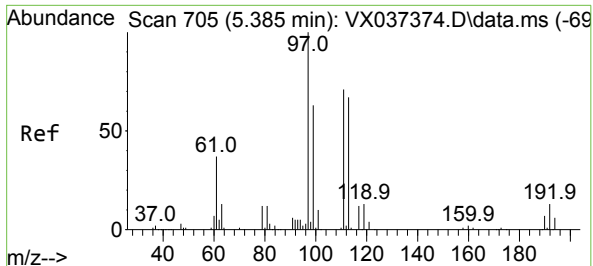
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.876 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037445.D

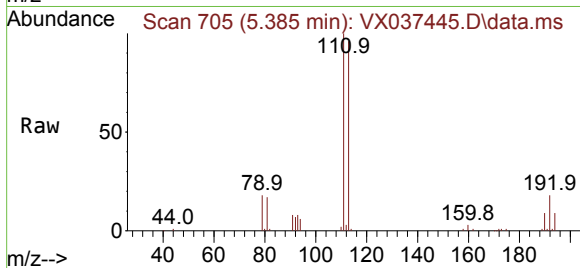
Acq: 31 Aug 2023 21:08

Instrument :

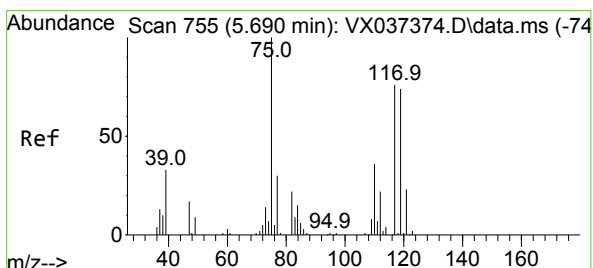
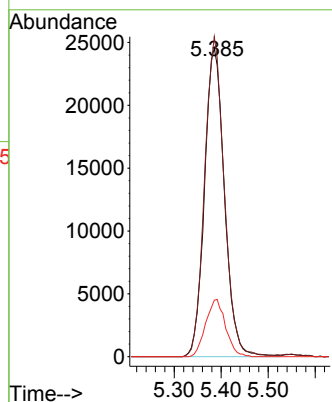
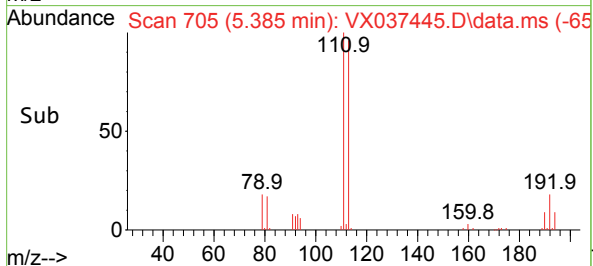
MSVOA_X

ClientSampleId :

OW-03B-51.5-083023



Tgt Ion:	113	Resp:	72427
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	18.5	13.3	19.9



#36

1,1-Dichloropropene

Concen: 4.818 ug/l

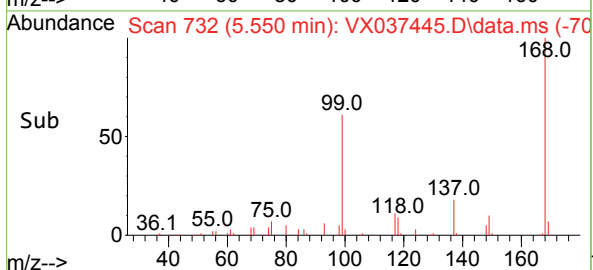
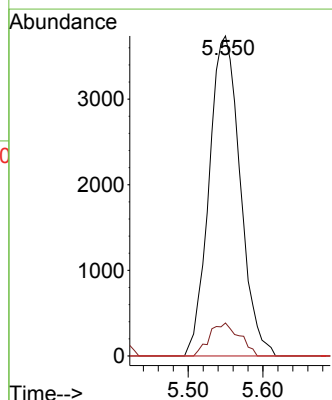
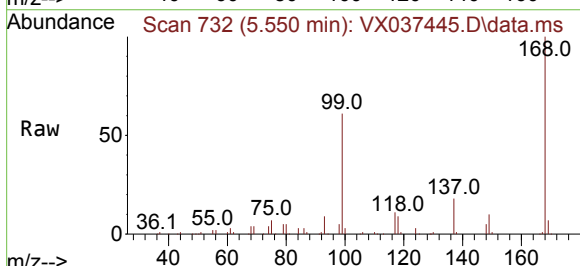
RT: 5.550 min Scan# 732

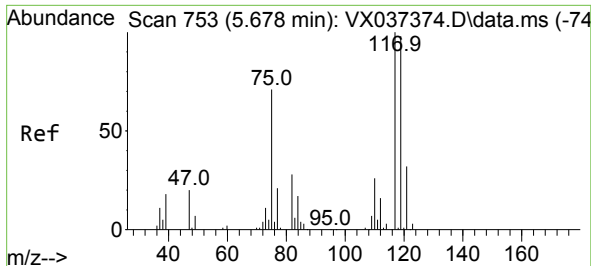
Delta R.T. -0.146 min

Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

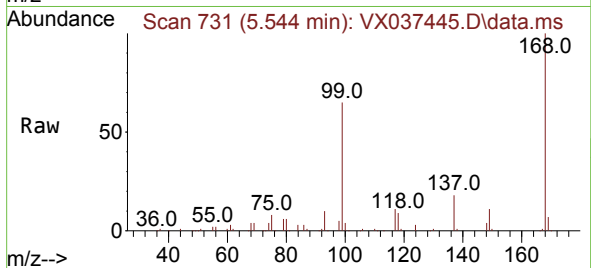
Tgt Ion:	75	Resp:	10806
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.0	50.9#
77	0.0	24.7	37.1#



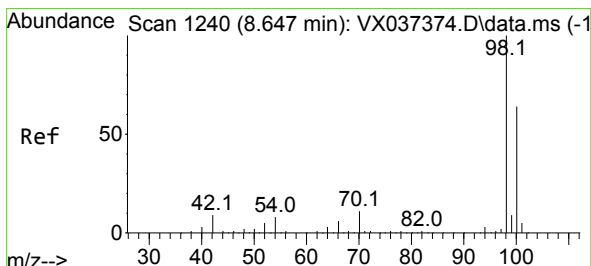
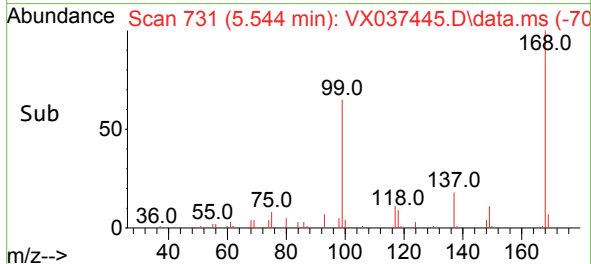
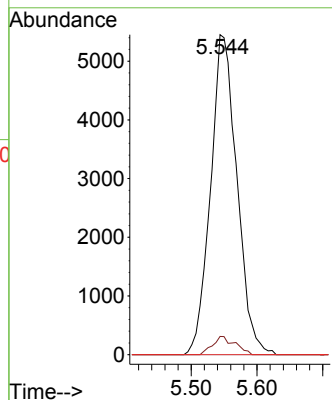


#38
Carbon Tetrachloride
Concen: 6.241 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-083023

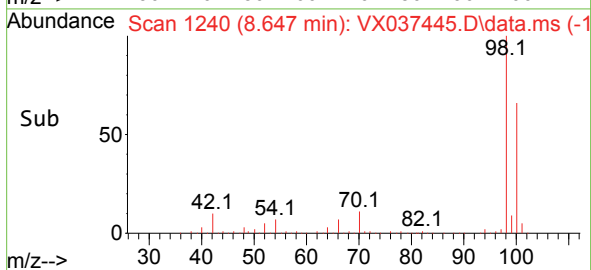
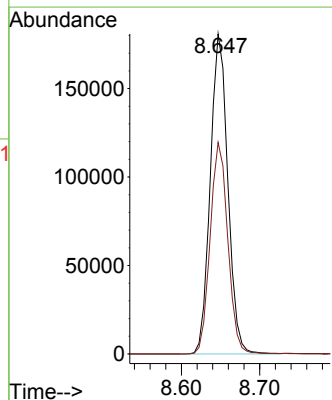
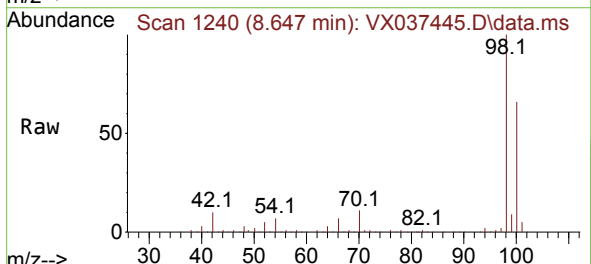


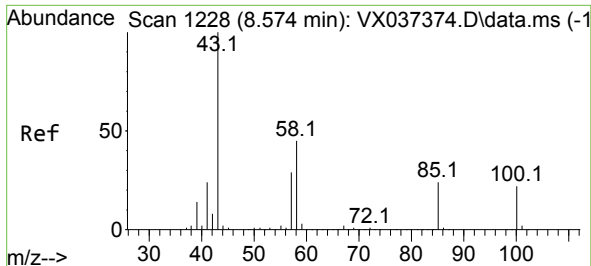
Tgt Ion:117 Resp: 15207
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.091 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion: 98 Resp: 281134
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

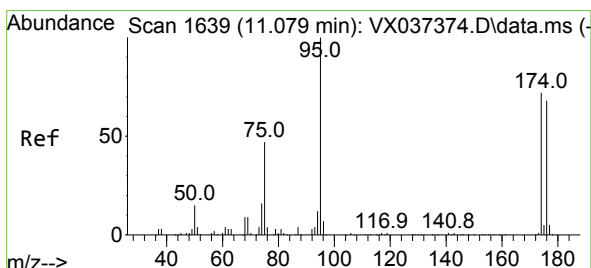
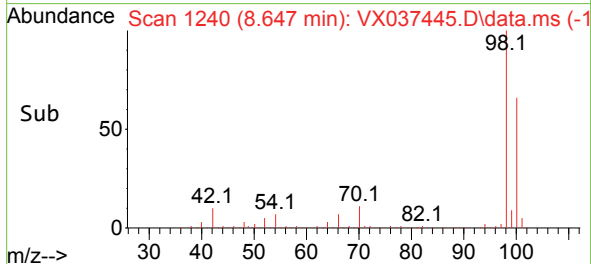
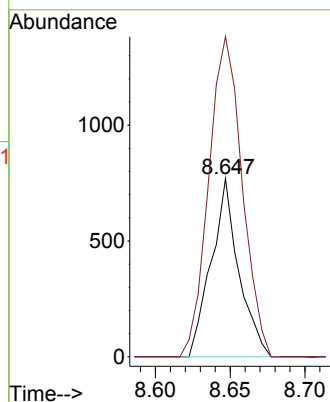
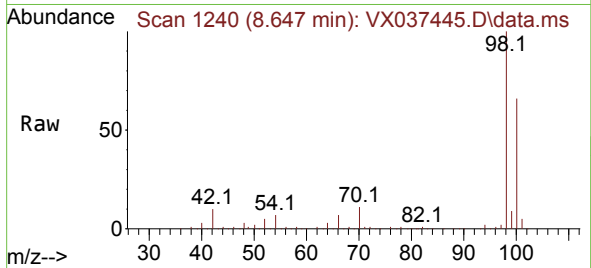




#51
4-Methyl-2-Pentanone
Concen: 0.446 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

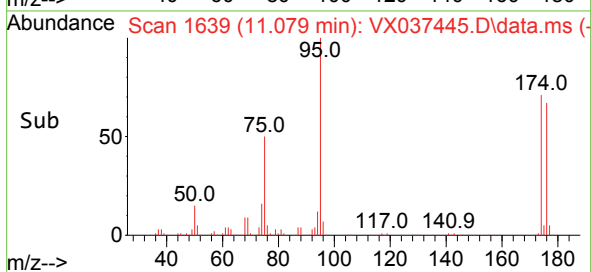
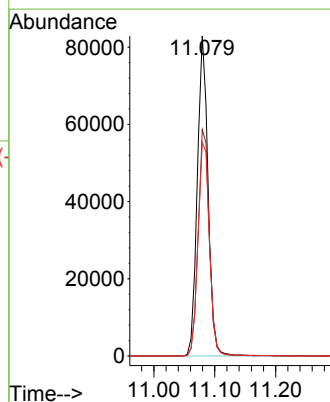
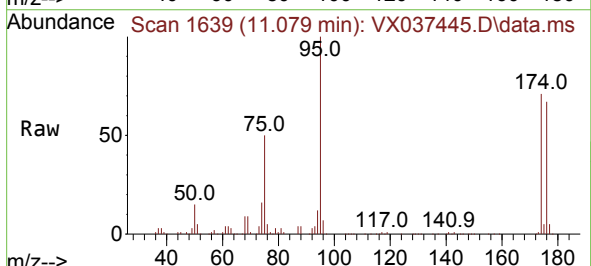
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-083023

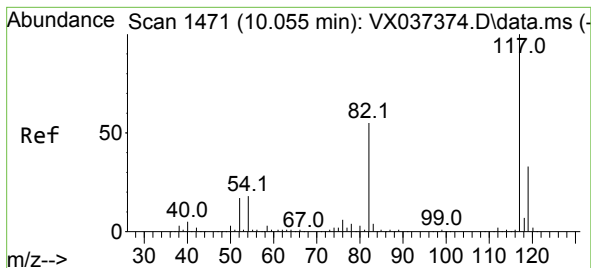
Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 218.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion: 95 Resp: 101261
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-083023

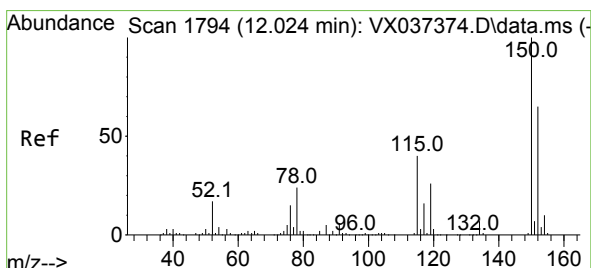
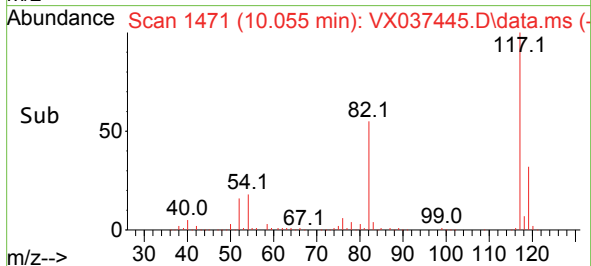
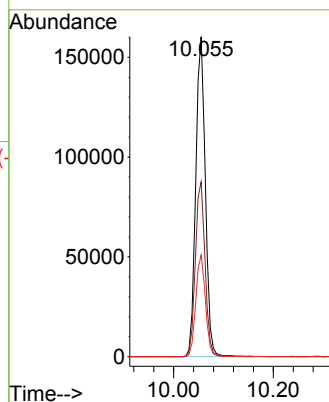
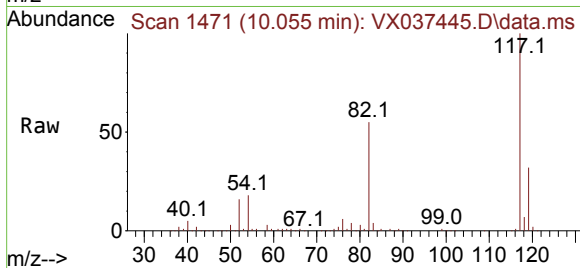
Tgt Ion:117 Resp: 214543

Ion Ratio Lower Upper

117 100

82 54.7 46.2 69.4

119 31.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

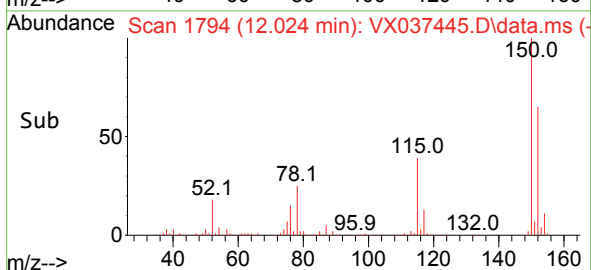
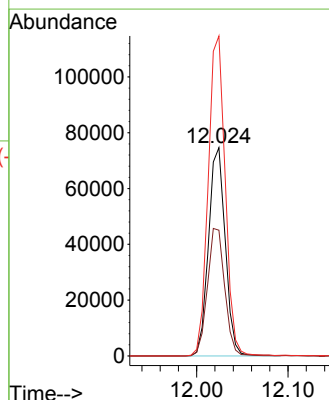
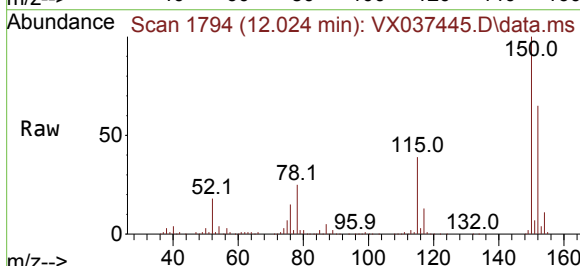
Tgt Ion:152 Resp: 95160

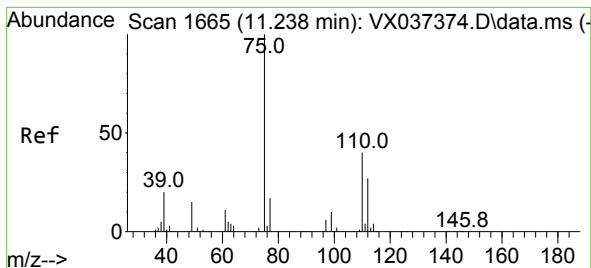
Ion Ratio Lower Upper

152 100

115 63.0 43.3 129.9

150 155.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.572 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

Instrument :

MSVOA_X

ClientSampleId :

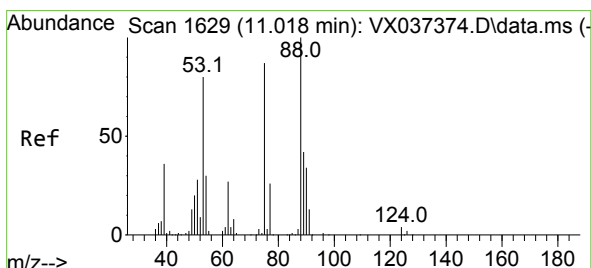
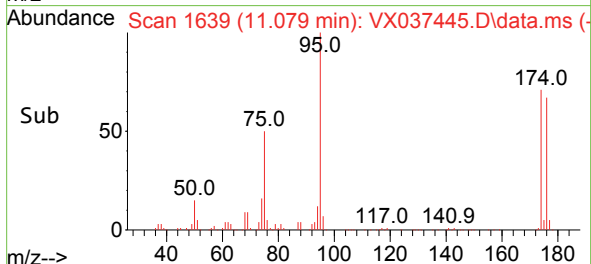
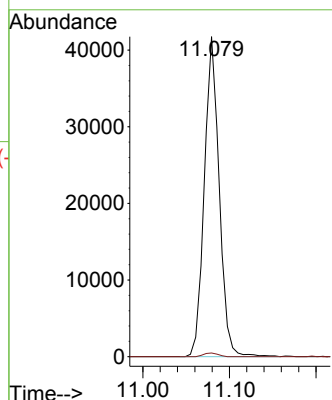
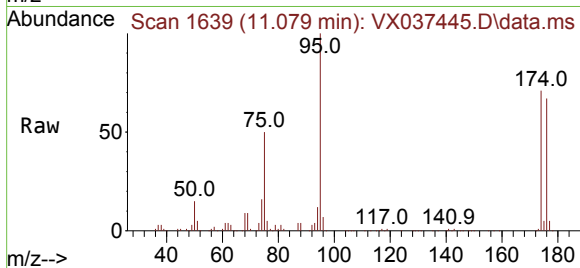
OW-03B-51.5-083023

Tgt Ion: 75 Resp: 49797

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.630 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

Tgt Ion: 75 Resp: 49797

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

