

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036658.D
 Acq On : 25 Jul 2023 17:13
 Operator : JC/MD
 Sample : 03750-12 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: Jul 26 06:27:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	159592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107075	45.344	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.680%
35) Dibromofluoromethane	5.385	113	91508	46.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.760%
50) Toluene-d8	8.647	98	341300	49.304	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.600%
62) 4-Bromofluorobenzene	11.079	95	129371	49.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.080%

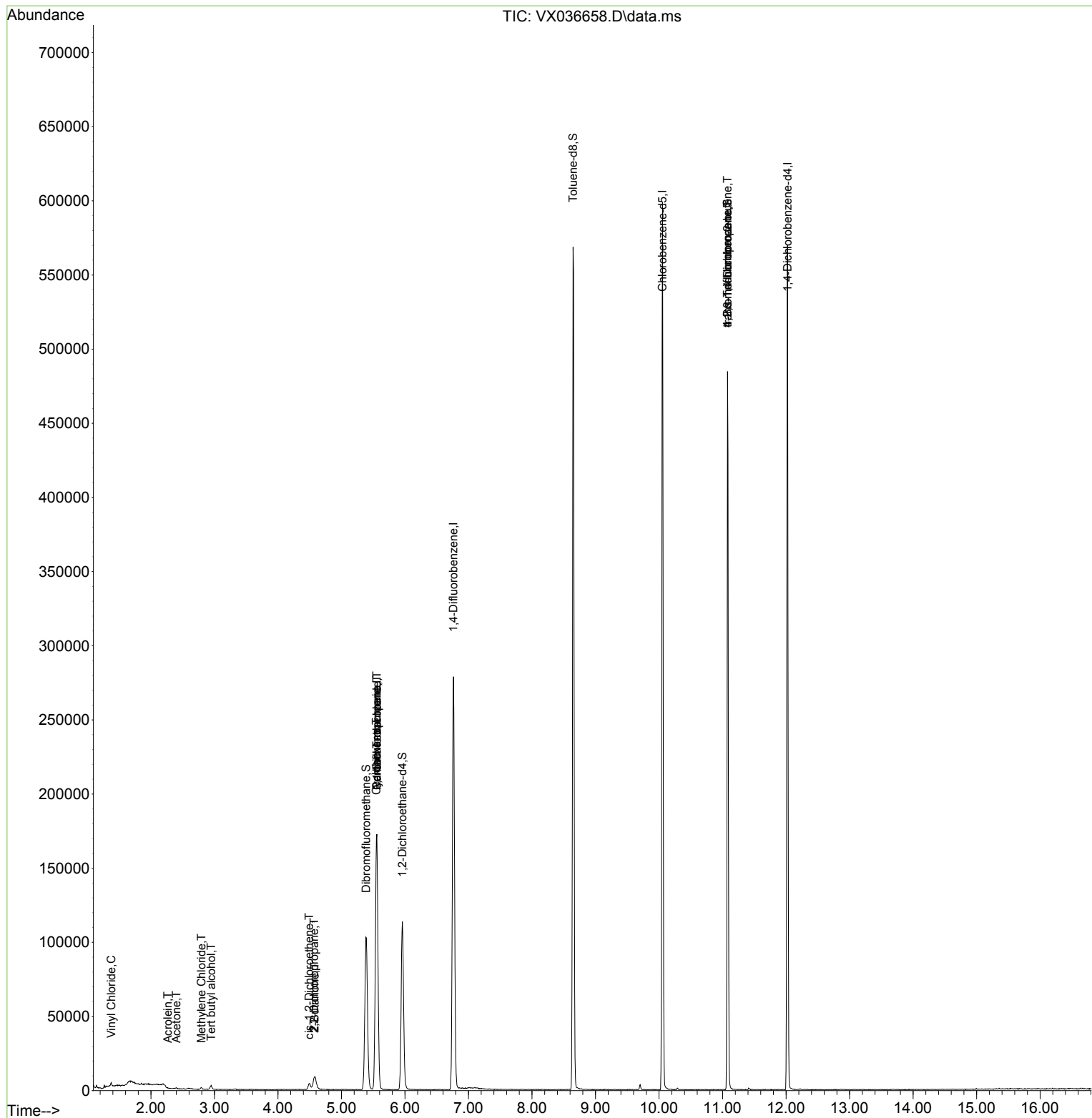
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.374	62	1377	0.705	ug/l	91
11) Tert butyl alcohol	2.946	59	1444	2.583	ug/l #	82
13) Acrolein	2.264	56	72	0.226	ug/l	97
16) Acetone	2.398	43	802	0.818	ug/l	94
20) Methylene Chloride	2.794	84	521	0.239	ug/l	86
25) 2-Butanone	4.574	43	618	0.389	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	719	0.204	ug/l #	54
27) cis-1,2-Dichloroethene	4.489	96	2771	1.168	ug/l	84
31) Cyclohexane	5.550	56	3927	1.201	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	13270	4.561	ug/l #	51
38) Carbon Tetrachloride	5.556	117	17146	5.543	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	67370	24.293	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	67370	55.062	ug/l #	5

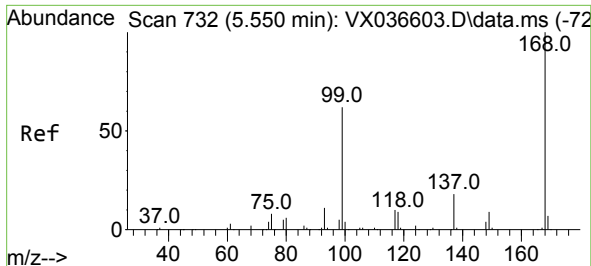
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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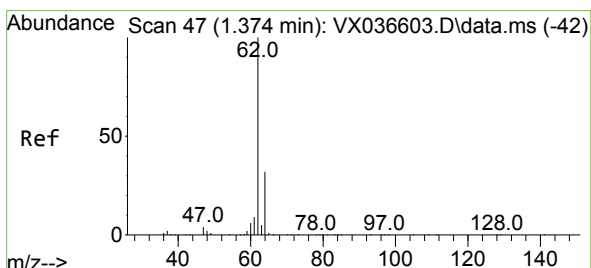
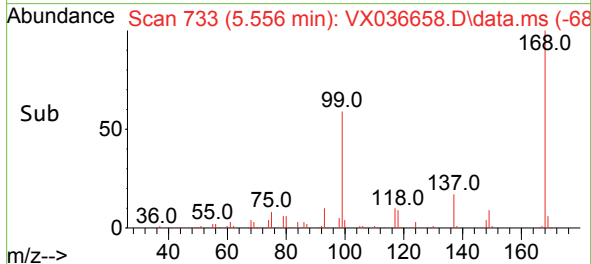
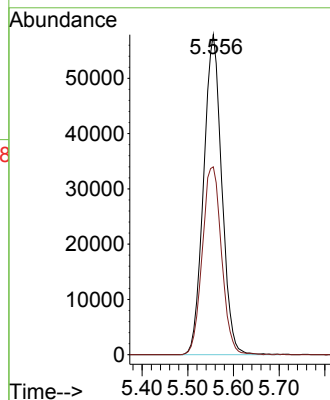
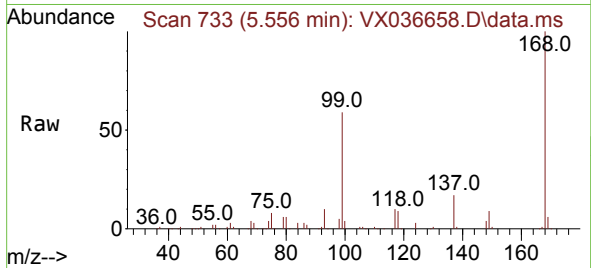




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

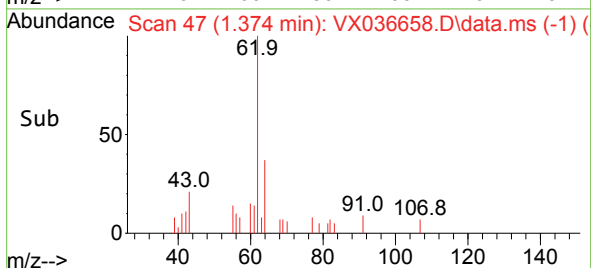
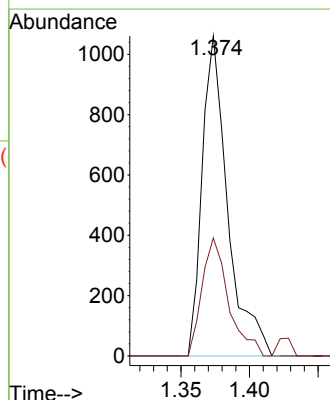
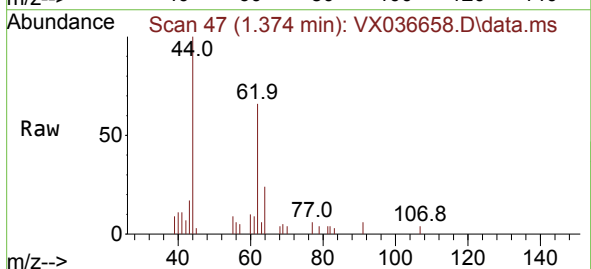
Instrument :
MSVOA_X
ClientSampleId :
MW-22

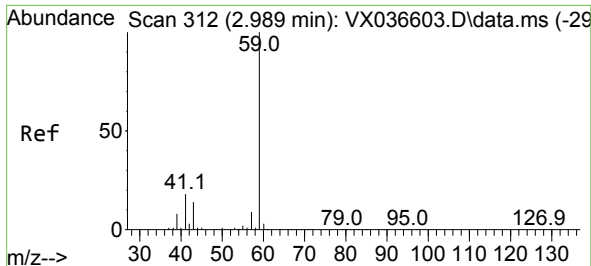
Tgt Ion:168 Resp: 159592
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#4
Vinyl Chloride
Concen: 0.705 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

Tgt Ion: 62 Resp: 1377
Ion Ratio Lower Upper
62 100
64 36.9 25.4 38.0

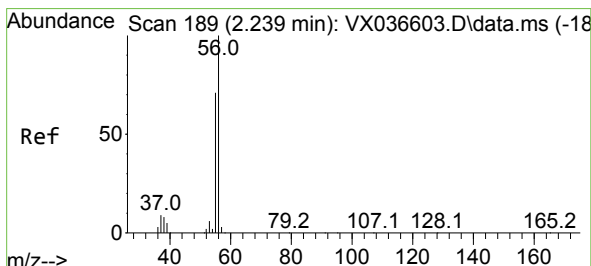
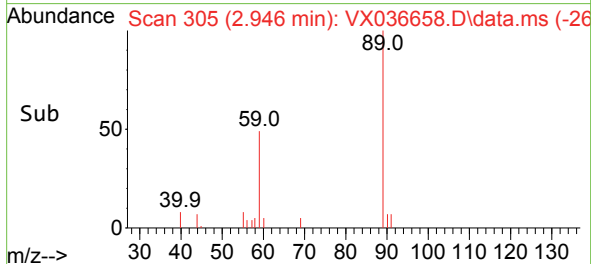
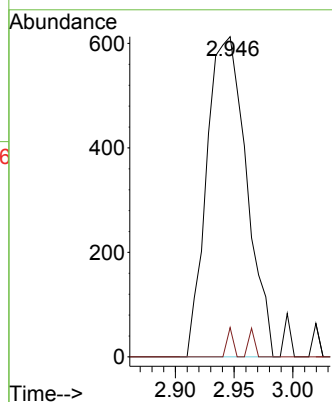
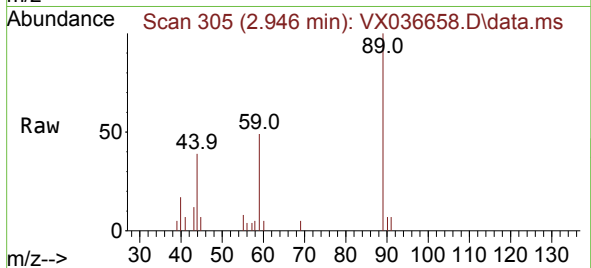




#11
Tert butyl alcohol
Concen: 2.583 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

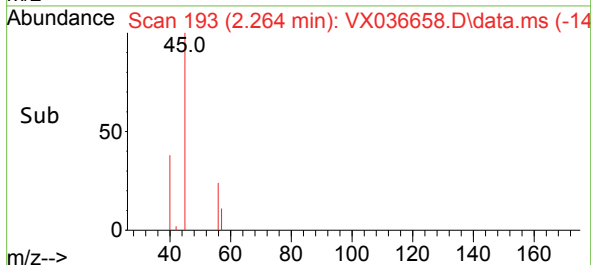
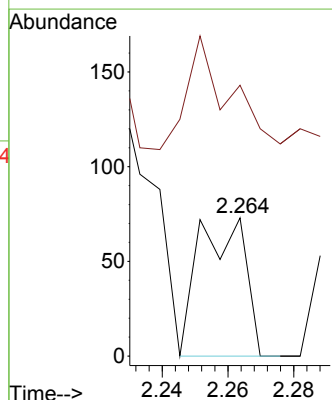
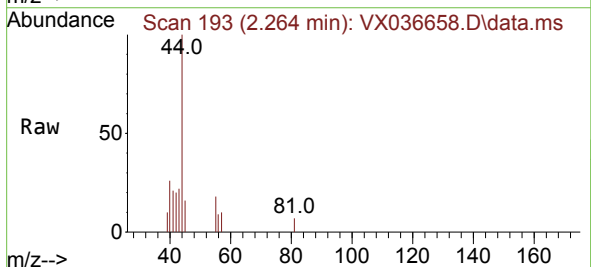
Instrument :
MSVOA_X
ClientSampleId :
MW-22

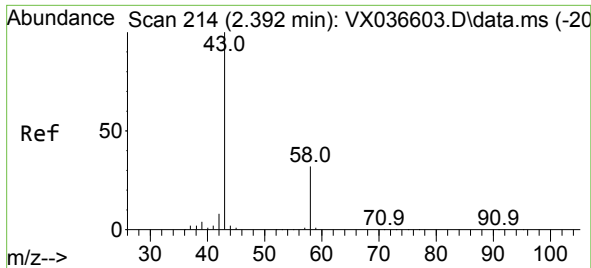
Tgt Ion: 59 Resp: 1444
Ion Ratio Lower Upper
59 100
57 1.4 6.0 9.0#



#13
Acrolein
Concen: 0.226 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.024 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 73.6 57.1 85.7

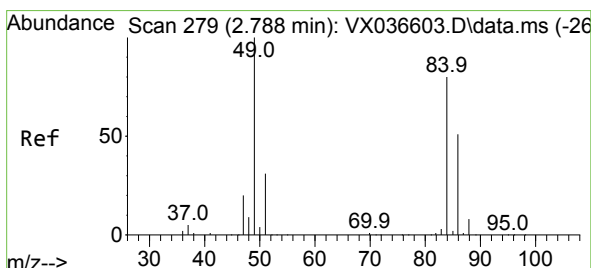
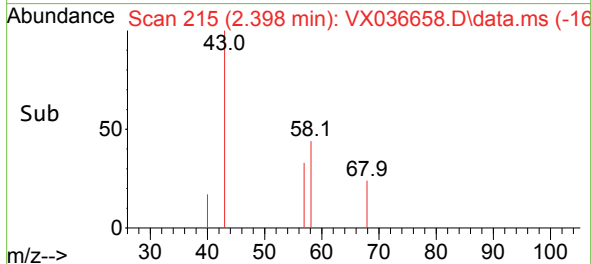
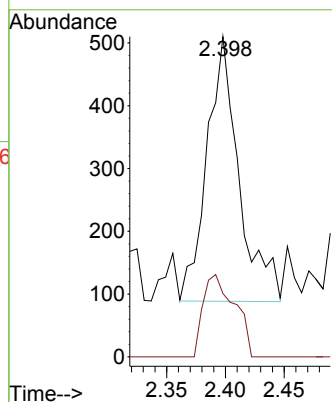
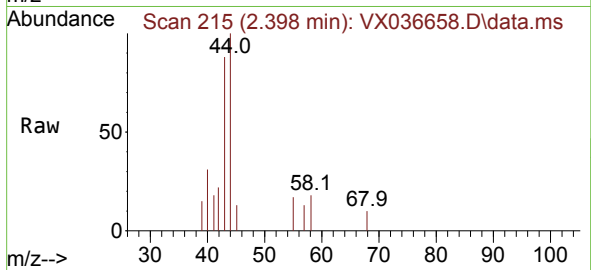




#16
Acetone
Concen: 0.818 ug/l
RT: 2.398 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

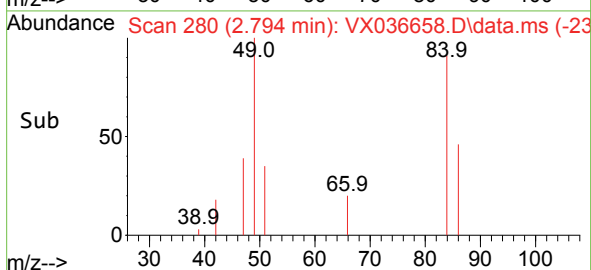
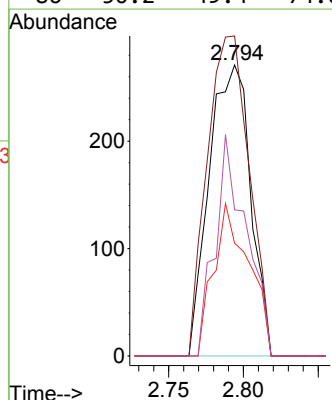
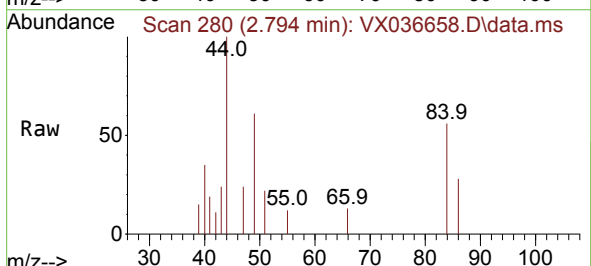
Instrument :
MSVOA_X
ClientSampleId :
MW-22

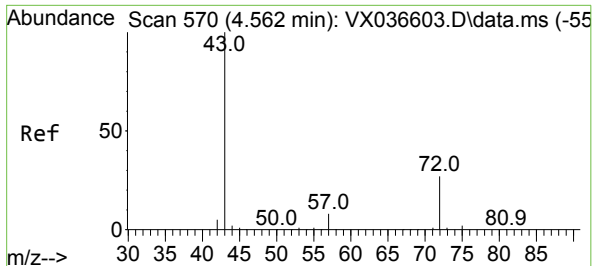
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 24.0 21.9 32.9



#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

Tgt Ion: 84 Resp: 521
Ion Ratio Lower Upper
84 100
49 110.0 103.6 155.4
51 38.7 33.8 50.6
86 50.2 49.4 74.0

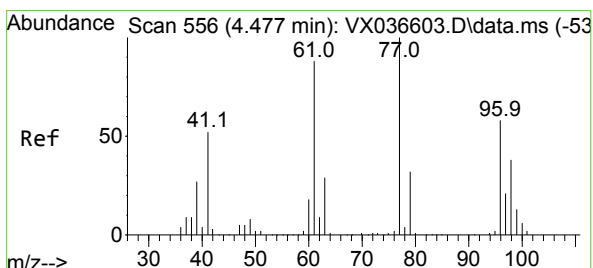
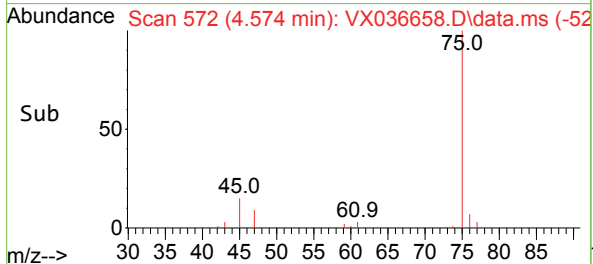
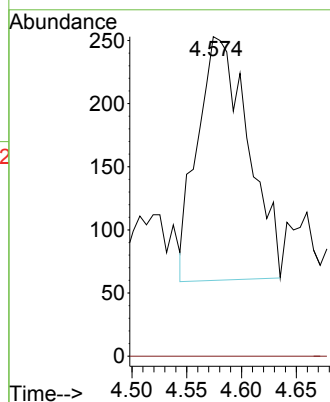
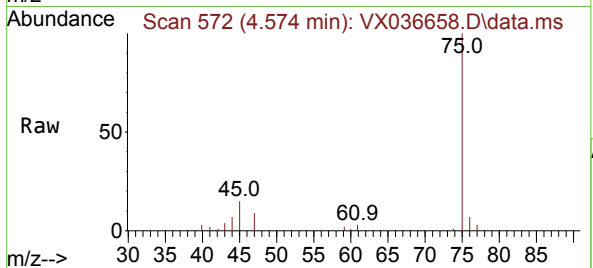




#25
2-Butanone
Concen: 0.389 ug/l
RT: 4.574 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

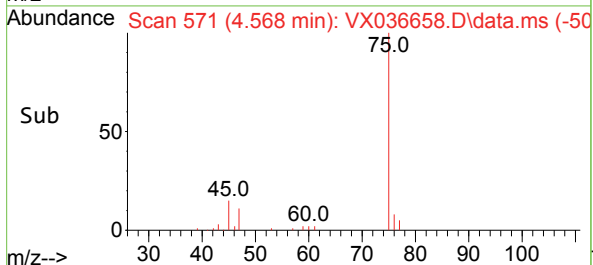
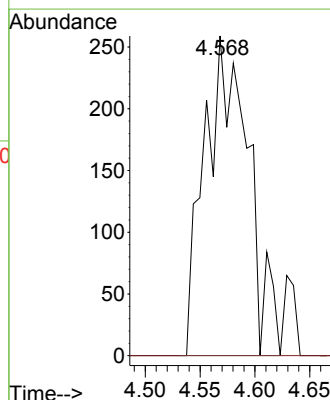
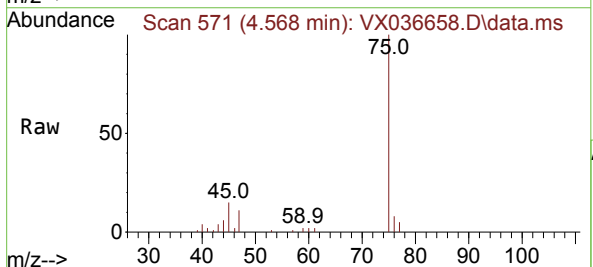
Instrument :
MSVOA_X
ClientSampleId :
MW-22

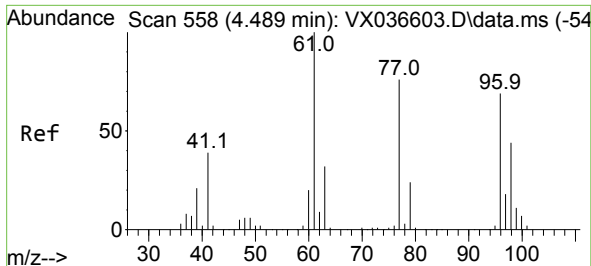
Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.204 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.091 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

Tgt Ion: 77 Resp: 719
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 1.168 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036658.D

Acq: 25 Jul 2023 17:13

Instrument :

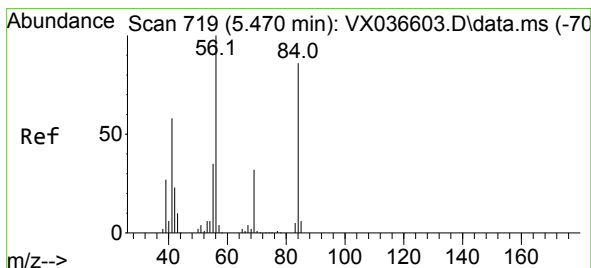
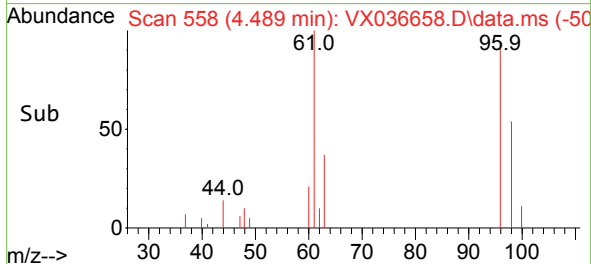
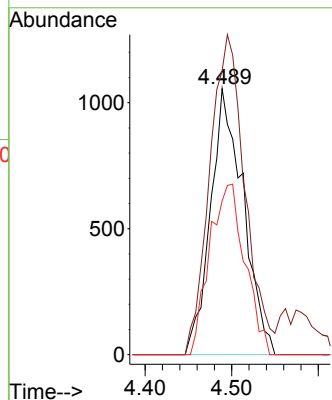
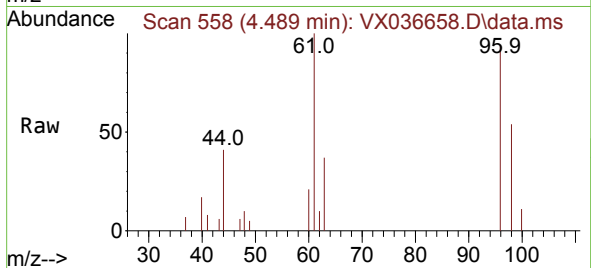
MSVOA_X

ClientSampleId :

MW-22

Tgt Ion: 96 Resp: 2771

Ion	Ratio	Lower	Upper
96	100		
61	129.7	0.0	312.2
98	69.5	0.0	129.0



#31

Cyclohexane

Concen: 1.201 ug/l

RT: 5.550 min Scan# 732

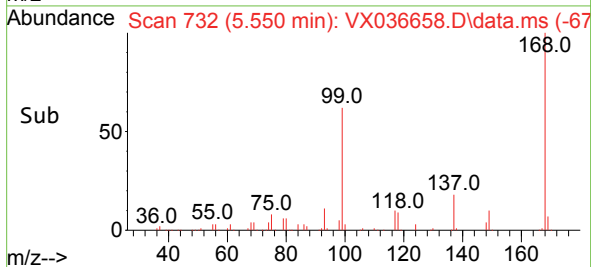
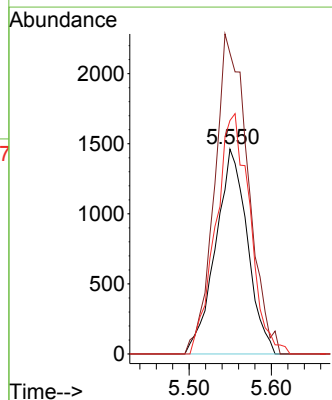
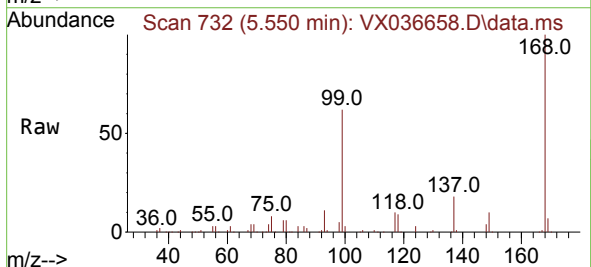
Delta R.T. 0.079 min

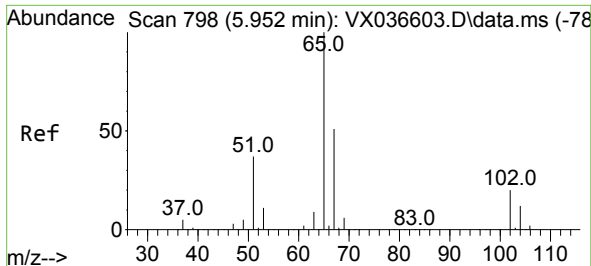
Lab File: VX036658.D

Acq: 25 Jul 2023 17:13

Tgt Ion: 56 Resp: 3927

Ion	Ratio	Lower	Upper
56	100		
69	146.9	23.4	35.2#
84	114.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.344 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036658.D

Acq: 25 Jul 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

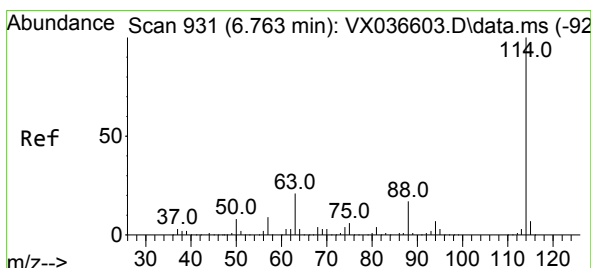
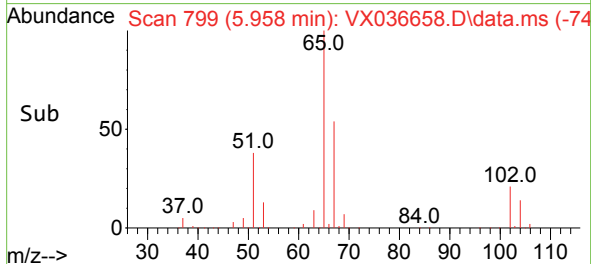
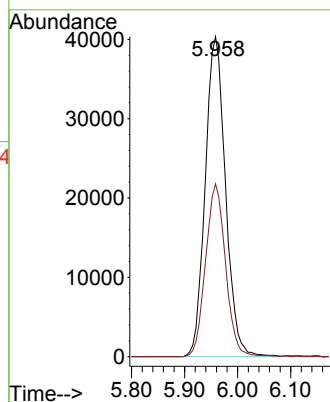
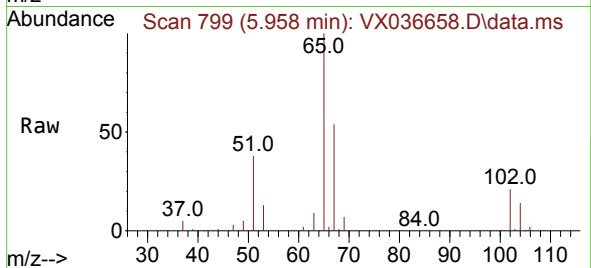
MW-22

Tgt Ion: 65 Resp: 107075

Ion Ratio Lower Upper

65 100

67 53.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036658.D

Acq: 25 Jul 2023 17:13

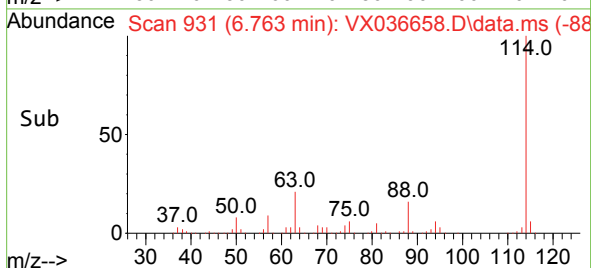
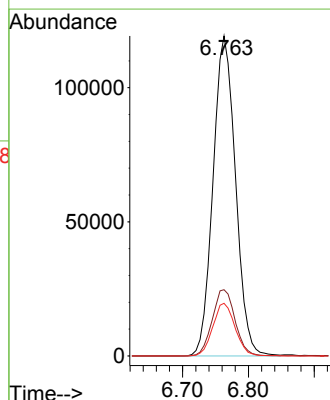
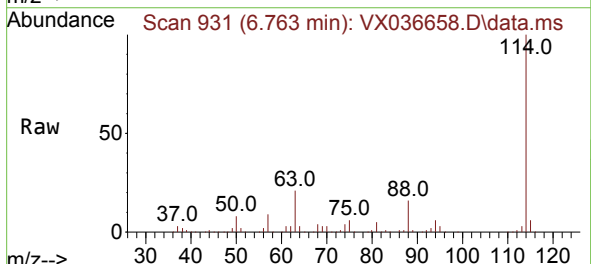
Tgt Ion: 114 Resp: 283998

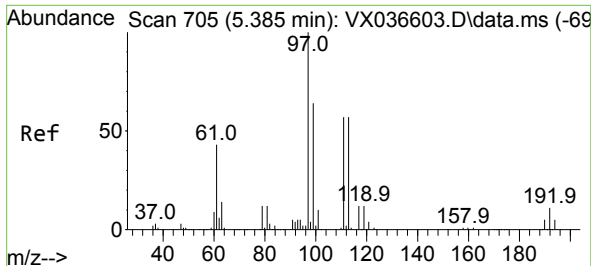
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.5 0.0 36.6

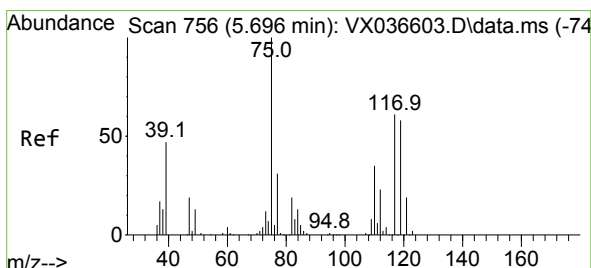
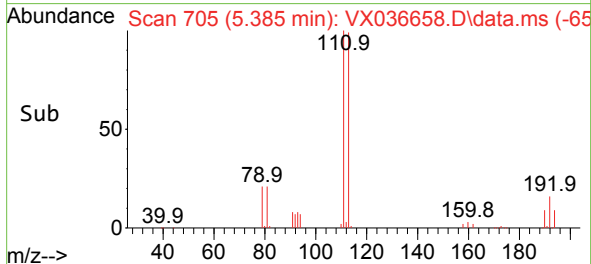
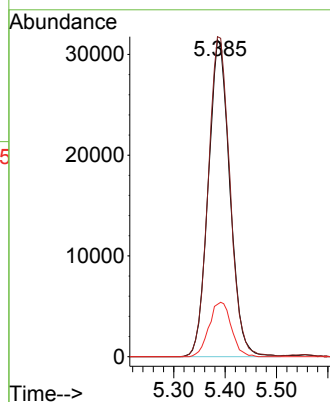
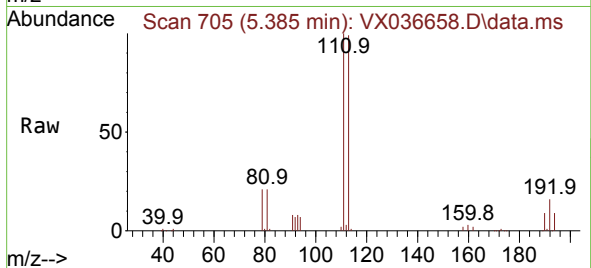




#35
Dibromofluoromethane
Concen: 46.878 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

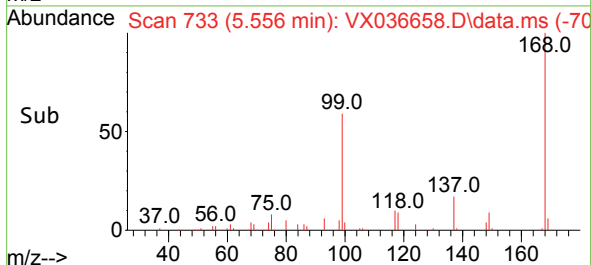
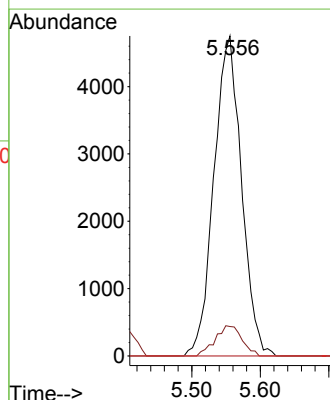
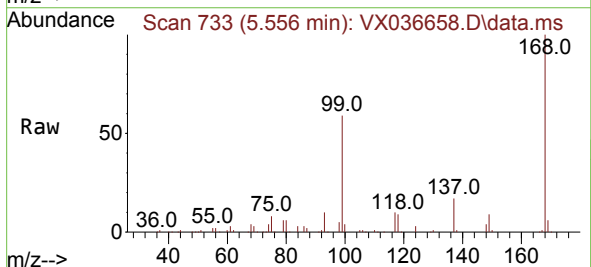
Instrument :
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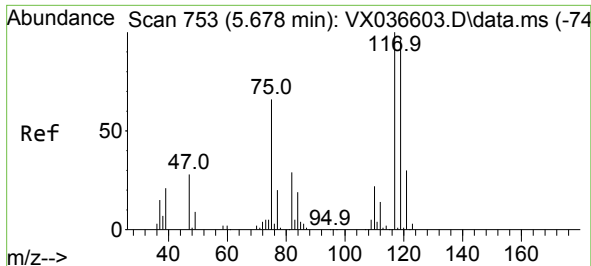
Tgt Ion:113 Resp: 91508
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.561 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

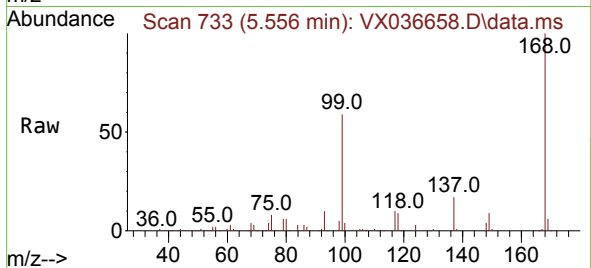
Tgt Ion: 75 Resp: 13270
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



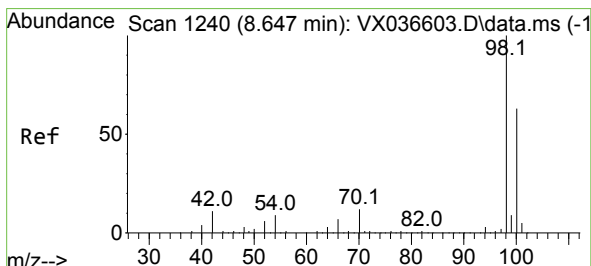
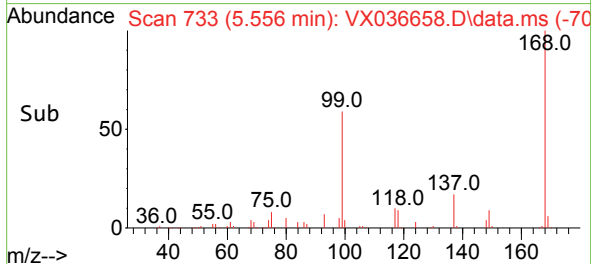
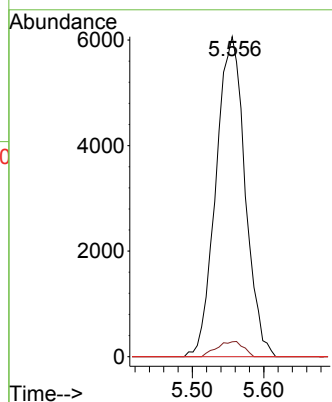


#38
Carbon Tetrachloride
Concen: 5.543 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :
MW-22

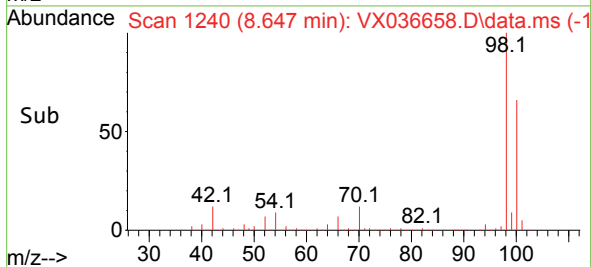
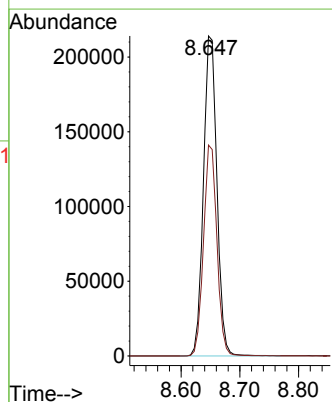
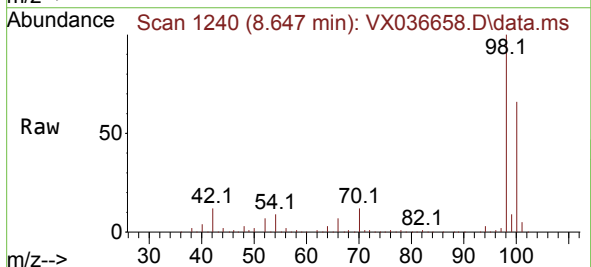


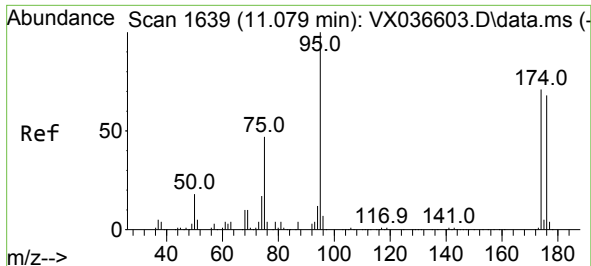
Tgt Ion:117 Resp: 17146
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.304 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

Tgt Ion: 98 Resp: 341300
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

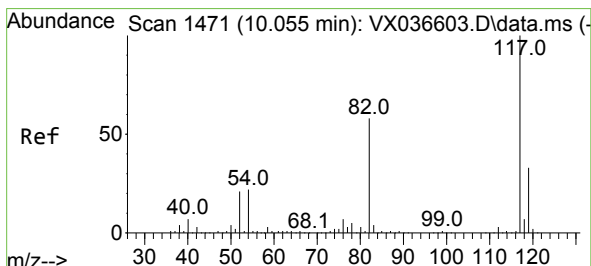
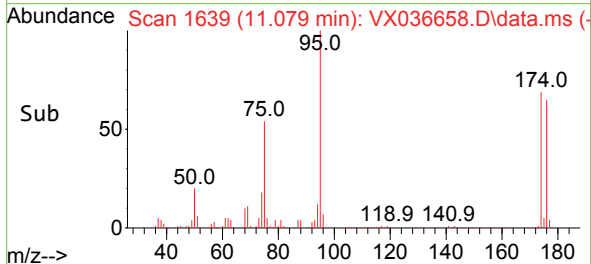
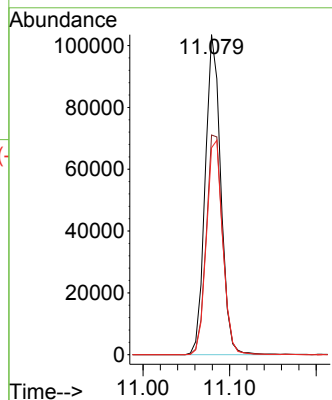
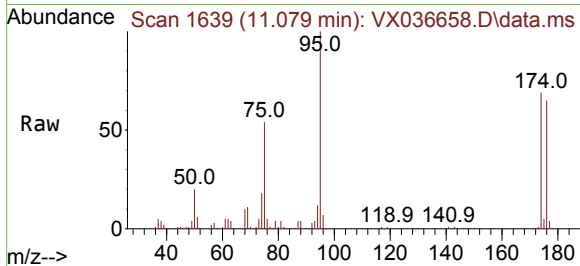




#62
4-Bromofluorobenzene
Concen: 49.535 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

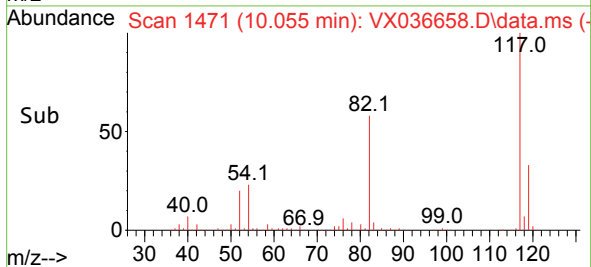
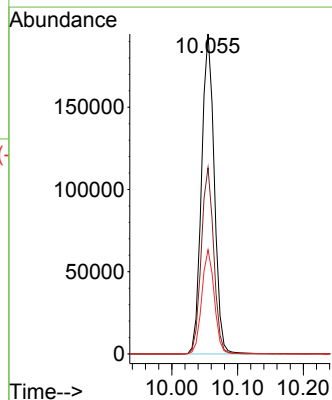
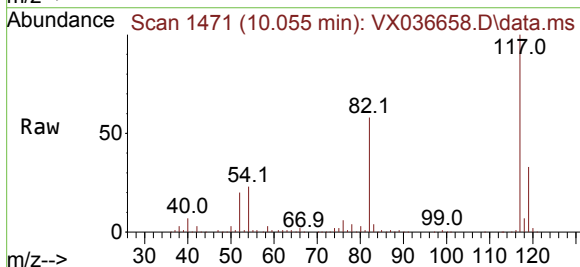
Instrument :
MSVOA_X
ClientSampleId :
MW-22

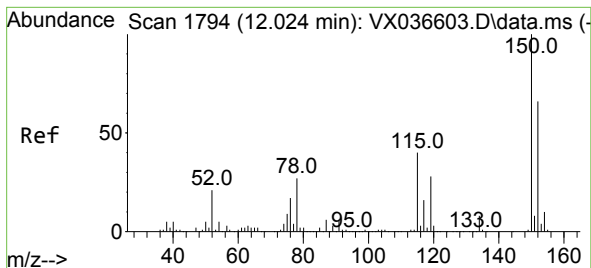
Tgt Ion: 95 Resp: 129371
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 70.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036658.D
Acq: 25 Jul 2023 17:13

Tgt Ion: 117 Resp: 262604
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036658.D

Acq: 25 Jul 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

MW-22

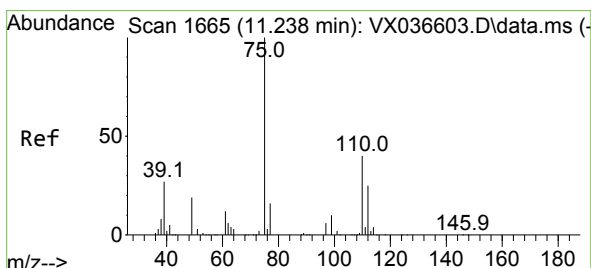
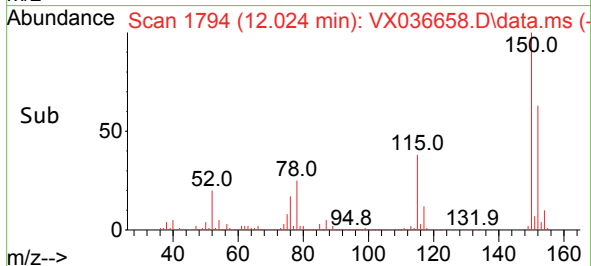
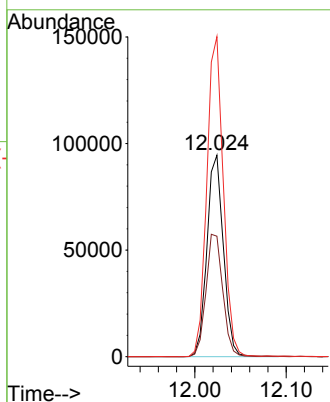
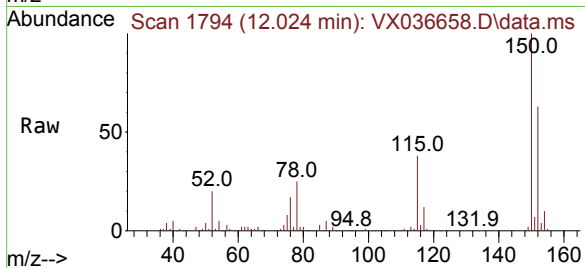
Tgt Ion:152 Resp: 117903

Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 158.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.293 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036658.D

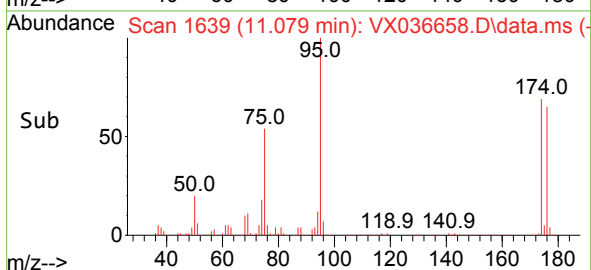
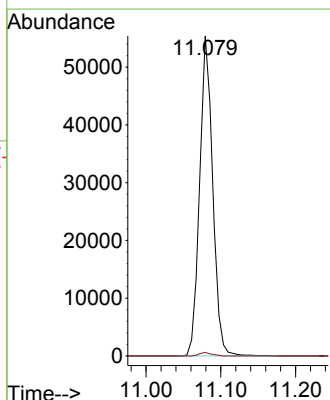
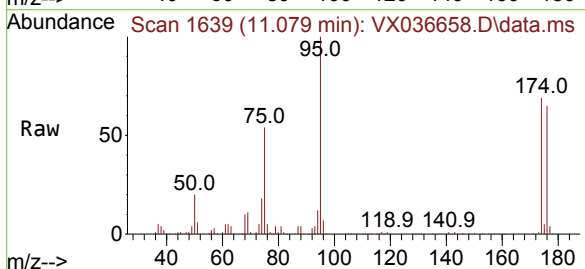
Acq: 25 Jul 2023 17:13

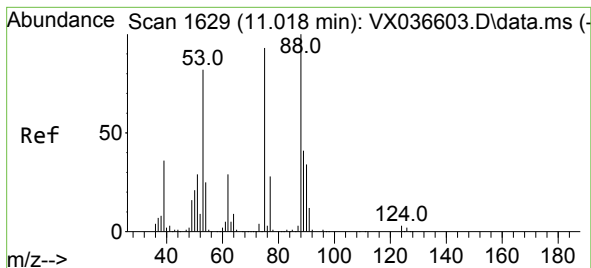
Tgt Ion: 75 Resp: 67370

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.062 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036658.D
 Acq: 25 Jul 2023 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Tgt Ion: 75 Resp: 67370
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

