

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036664.D
 Acq On : 25 Jul 2023 19:35
 Operator : JC/MD
 Sample : 03750-12 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: Jul 26 06:29:41 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)

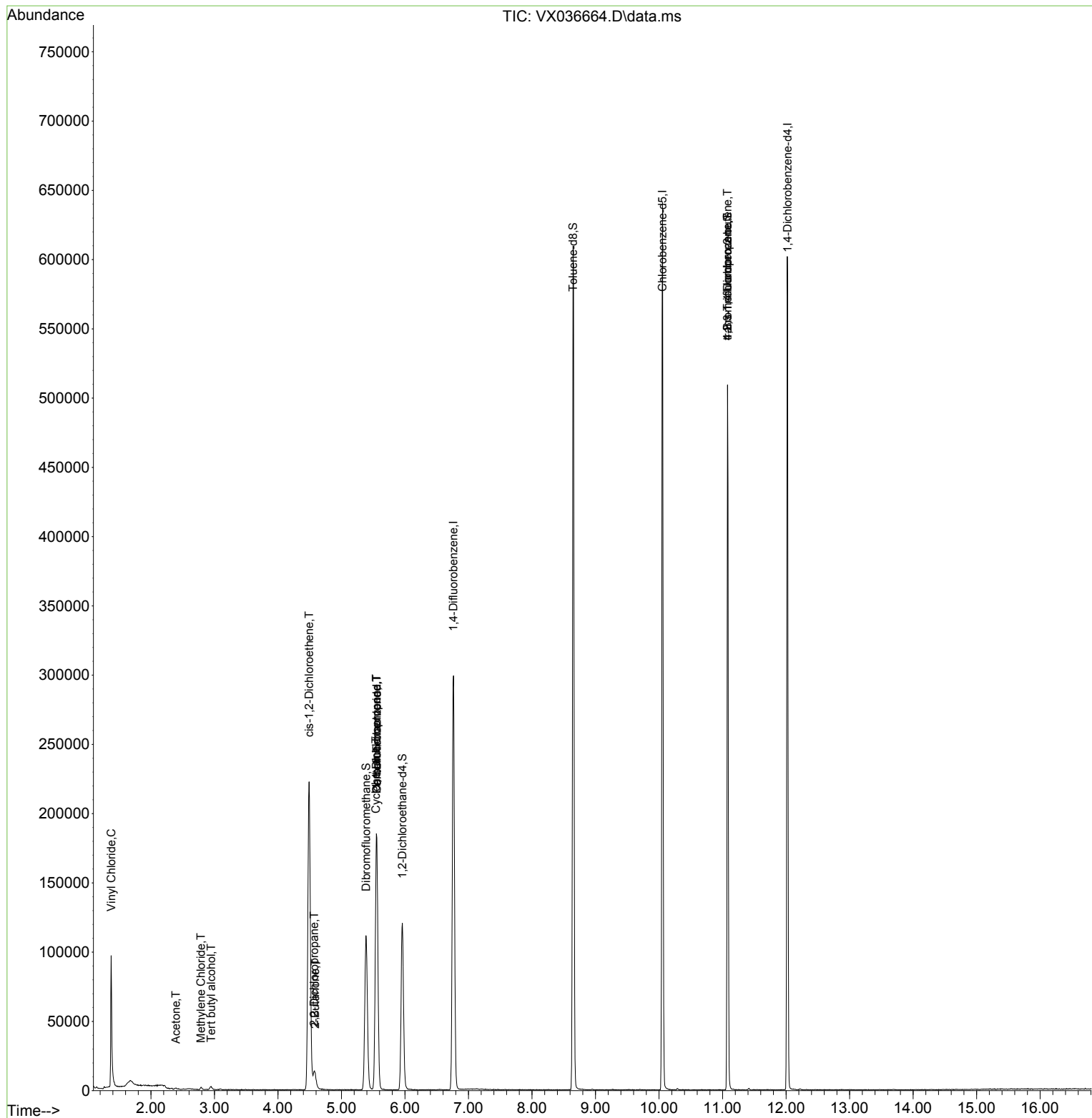
Internal Standards						
1) Pentafluorobenzene	5.556	168	171953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	307097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115786	45.508	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.020%		
35) Dibromofluoromethane	5.385	113	98239	46.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.080%		
50) Toluene-d8	8.647	98	366494	48.961	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.920%		
62) 4-Bromofluorobenzene	11.079	95	136188	48.223	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.440%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	70126	33.337	ug/l	100
11) Tert butyl alcohol	2.947	59	1534	2.547	ug/l #	78
16) Acetone	2.392	43	932	0.883	ug/l	91
20) Methylene Chloride	2.788	84	892	0.380	ug/l #	80
25) 2-Butanone	4.587	43	1439	0.840	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	1165	0.306	ug/l #	54
27) cis-1,2-Dichloroethene	4.489	96	143361	56.089	ug/l	83
31) Cyclohexane	5.544	56	4045	1.148	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	14702	4.673	ug/l #	50
38) Carbon Tetrachloride	5.556	117	18225	5.449	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	70516	24.740	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	70516	56.075	ug/l #	5

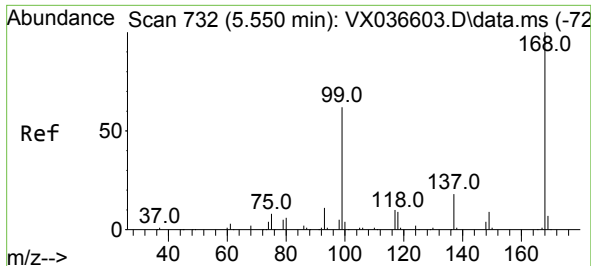
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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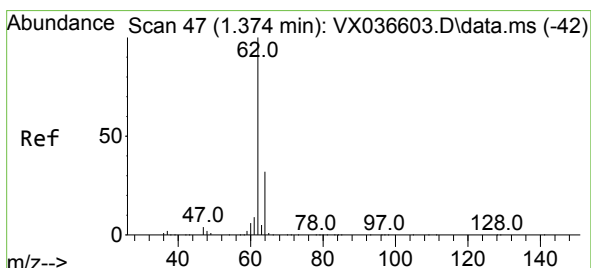
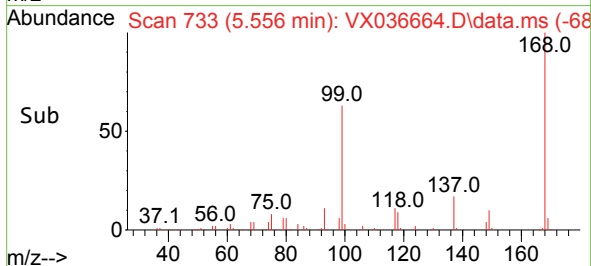
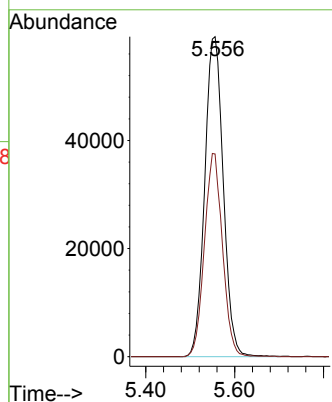
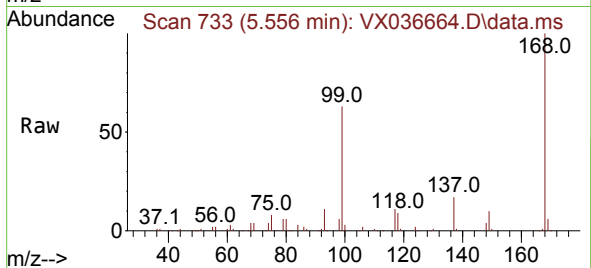




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

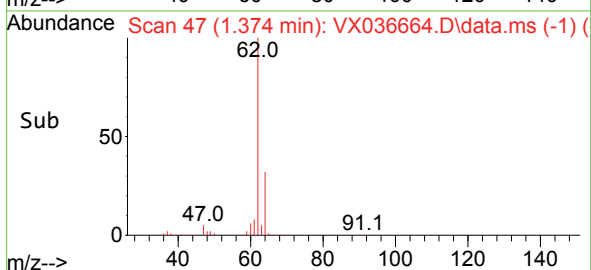
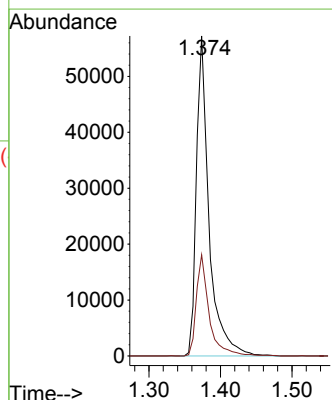
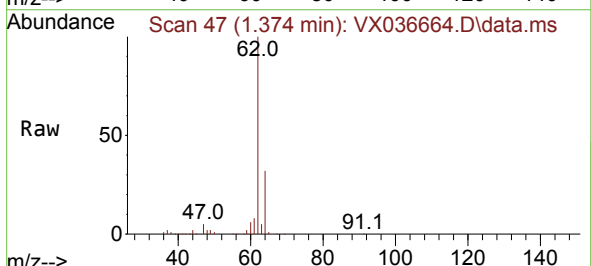
Instrument :
MSVOA_X
ClientSampleId :
MW-22

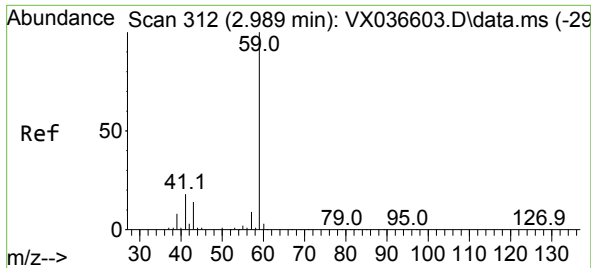
Tgt Ion:168 Resp: 171953
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#4
Vinyl Chloride
Concen: 33.337 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Tgt Ion: 62 Resp: 70126
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#11

Tert butyl alcohol

Concen: 2.547 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.043 min

Lab File: VX036664.D

Acq: 25 Jul 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

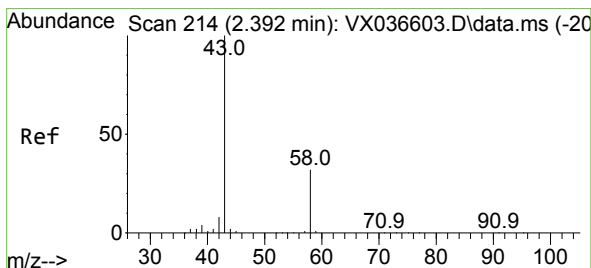
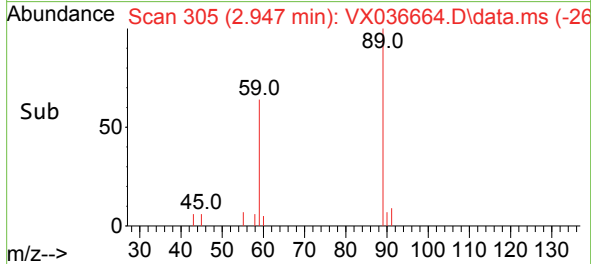
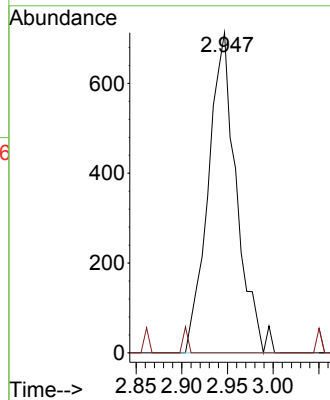
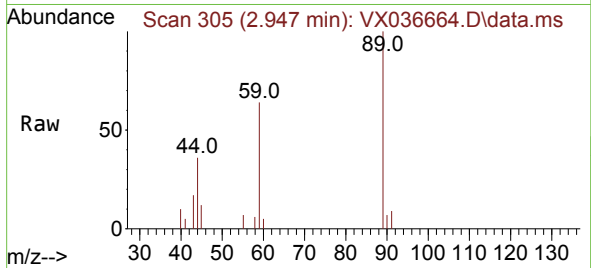
MW-22

Tgt Ion: 59 Resp: 1534

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.883 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX036664.D

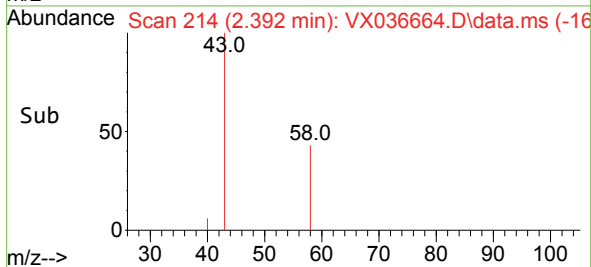
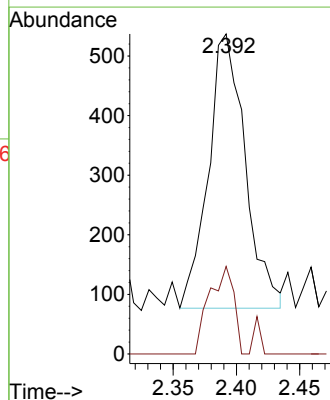
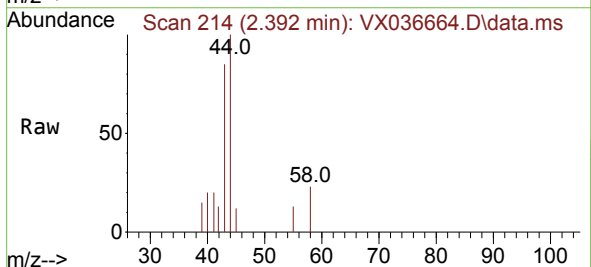
Acq: 25 Jul 2023 19:35

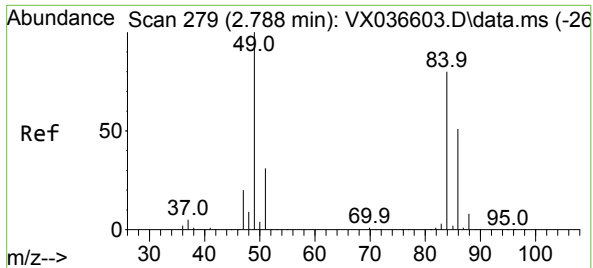
Tgt Ion: 43 Resp: 932

Ion Ratio Lower Upper

43 100

58 32.0 21.9 32.9

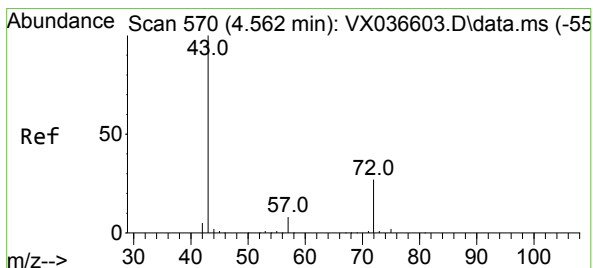
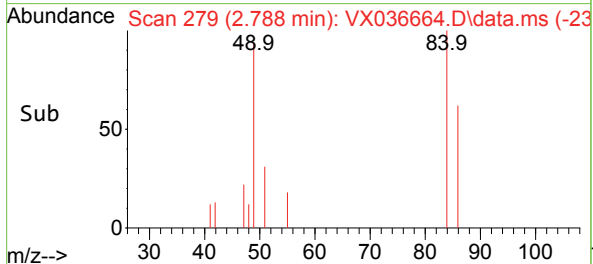
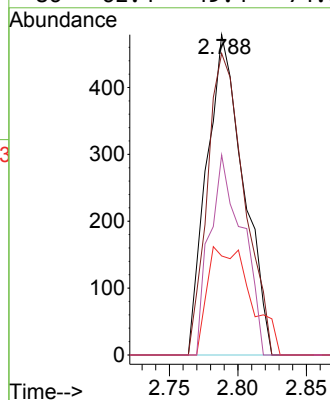
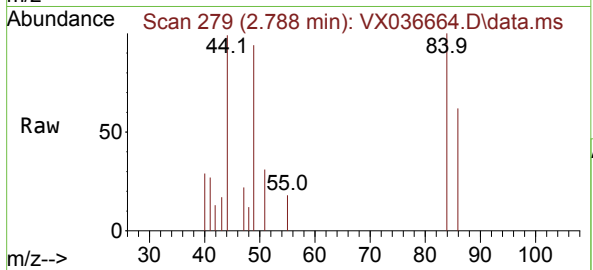




#20
Methylene Chloride
Concen: 0.380 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

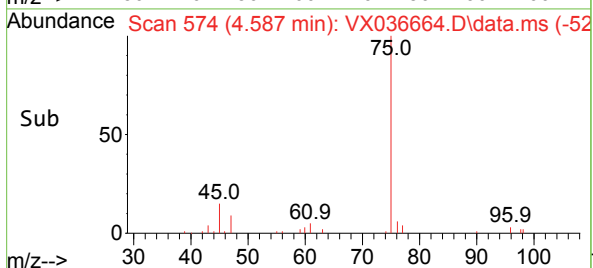
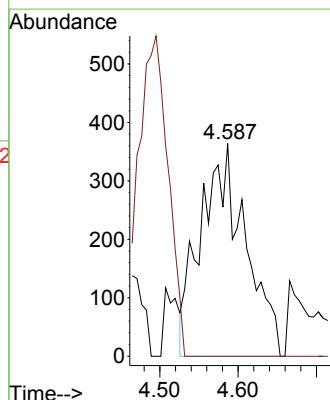
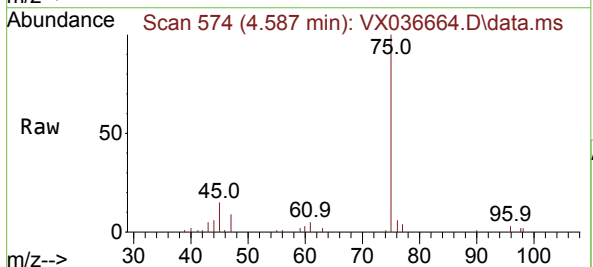
Instrument :
MSVOA_X
ClientSampleId :
MW-22

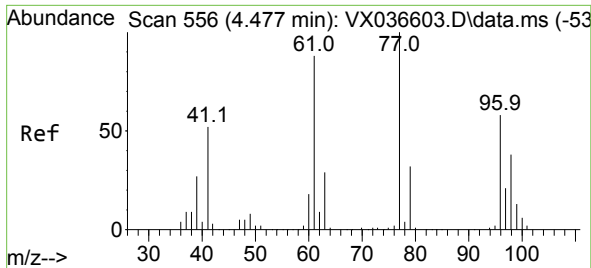
Tgt Ion: 84	Resp: 892
Ion Ratio	Lower Upper
84	100
49	94.2 103.6 155.4#
51	30.9 33.8 50.6#
86	62.4 49.4 74.0



#25
2-Butanone
Concen: 0.840 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Tgt Ion: 43	Resp: 1439
Ion Ratio	Lower Upper
43	100
72	0.0 19.4 29.2#

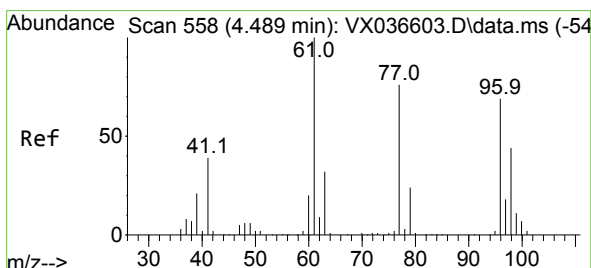
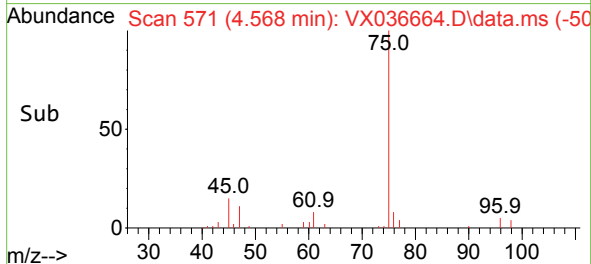
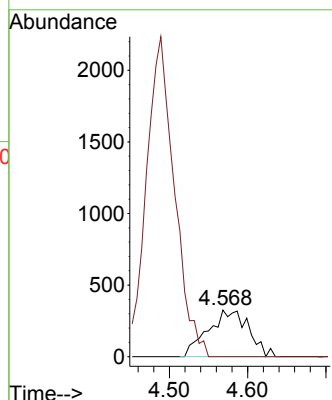
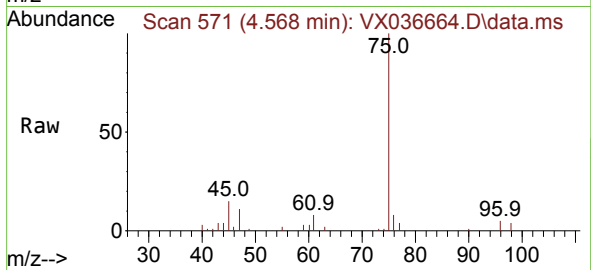




#26
2,2-Dichloropropane
Concen: 0.306 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.092 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

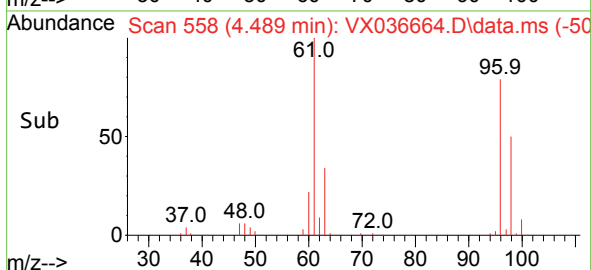
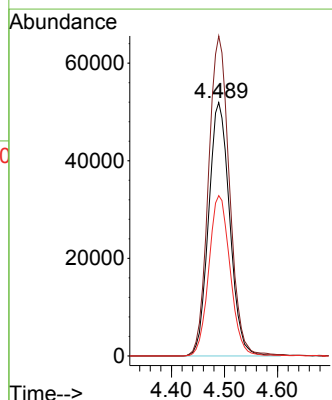
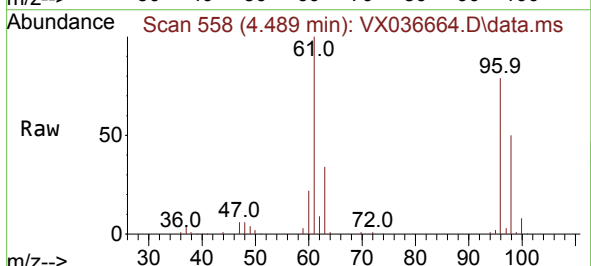
Instrument :
MSVOA_X
ClientSampleId :
MW-22

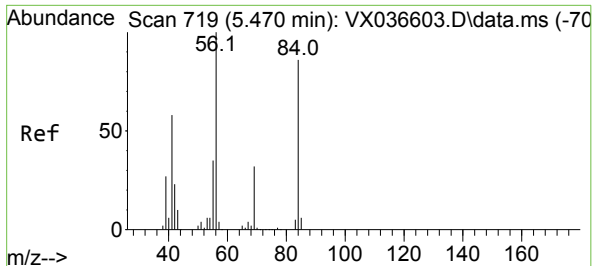
Tgt Ion: 77 Resp: 1165
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#27
cis-1,2-Dichloroethene
Concen: 56.089 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Tgt Ion: 96 Resp: 143361
Ion Ratio Lower Upper
96 100
61 126.1 0.0 312.2
98 64.0 0.0 129.0

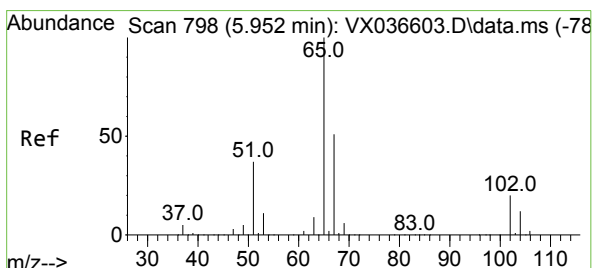
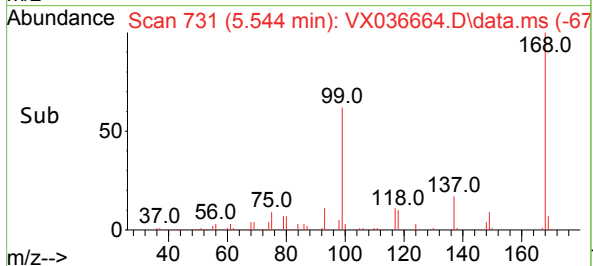
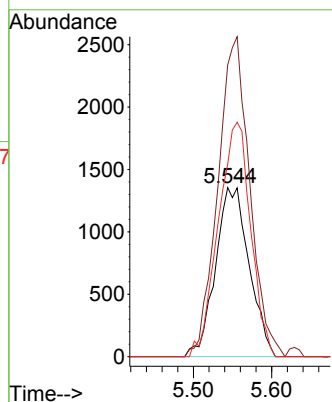
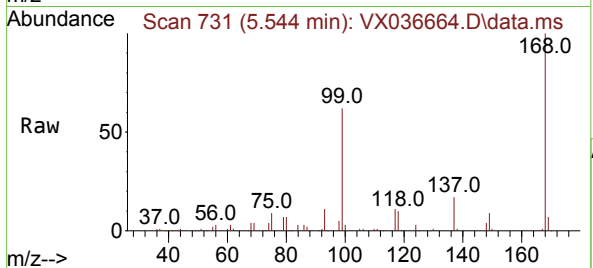




#31
Cyclohexane
Concen: 1.148 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

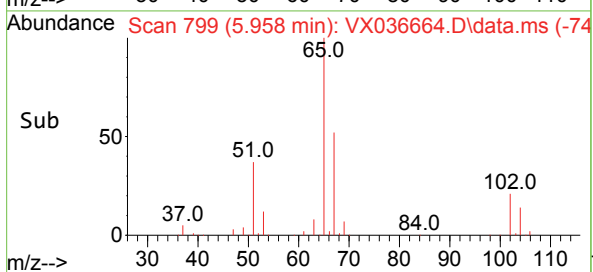
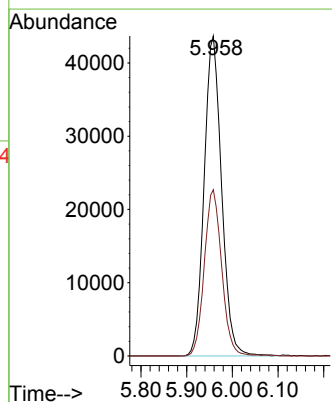
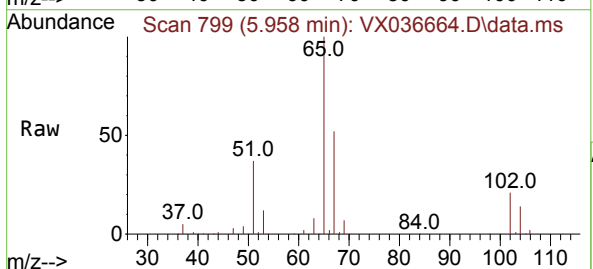
Instrument :
MSVOA_X
ClientSampleId :
MW-22

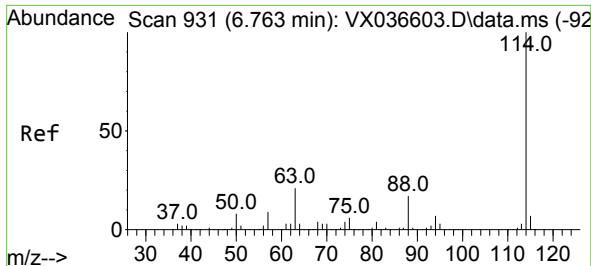
Tgt Ion: 56 Resp: 4045
Ion Ratio Lower Upper
56 100
69 172.5 23.4 35.2#
84 113.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.508 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Tgt Ion: 65 Resp: 115786
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

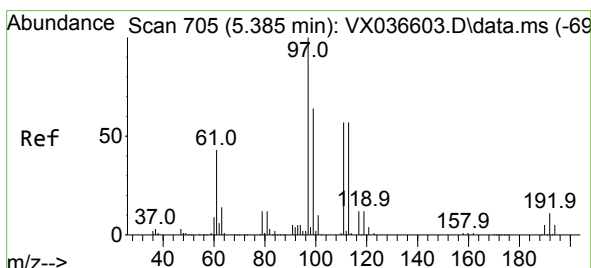
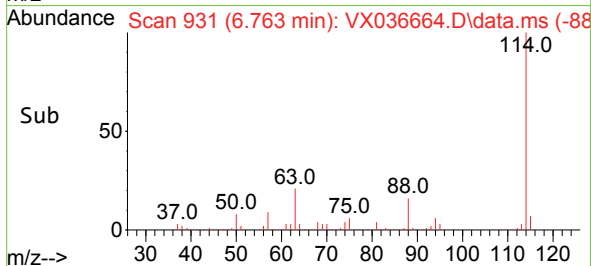
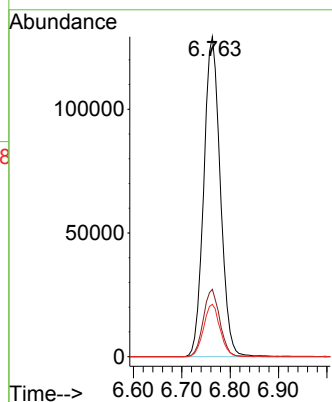
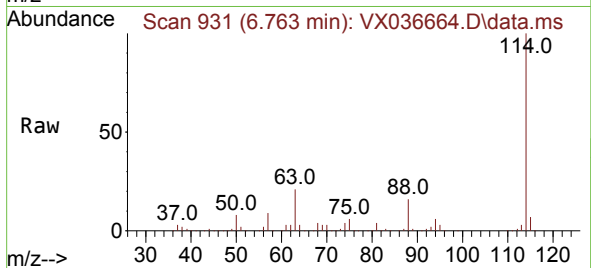




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

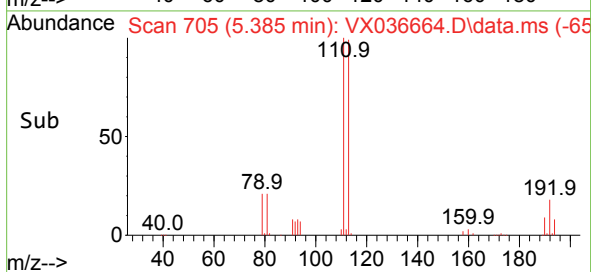
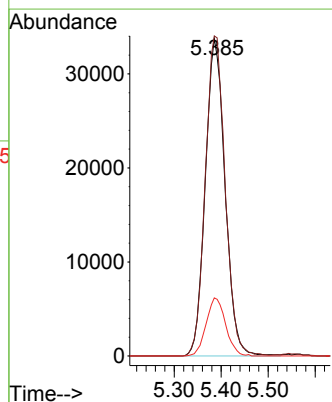
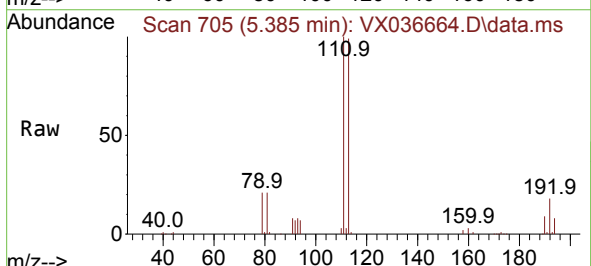
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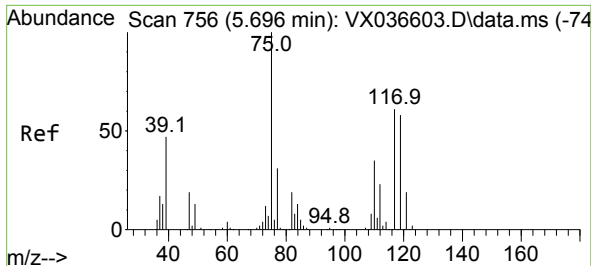
Tgt Ion:114 Resp: 307097
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.541 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Tgt Ion:113 Resp: 98239
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.1 13.3 19.9

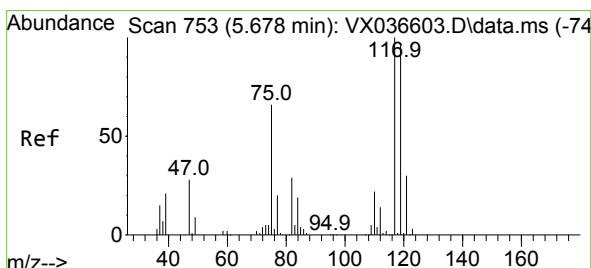
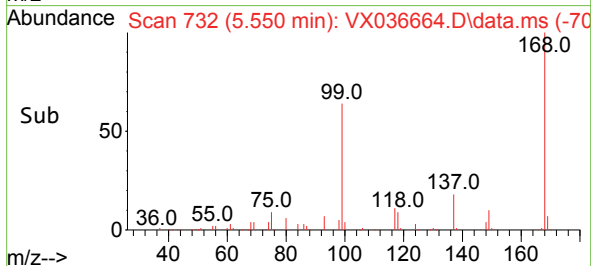
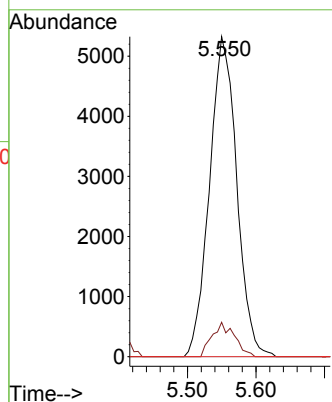
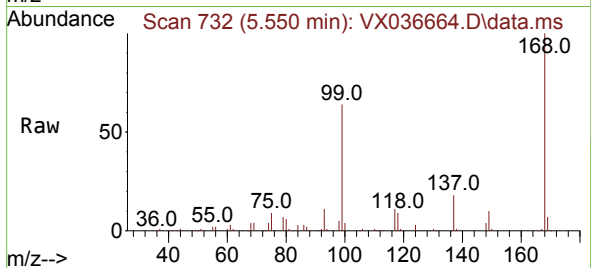




#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

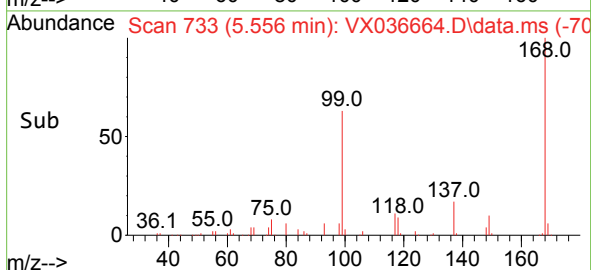
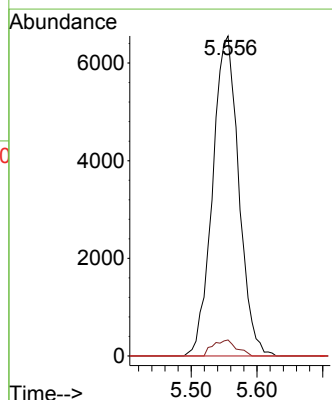
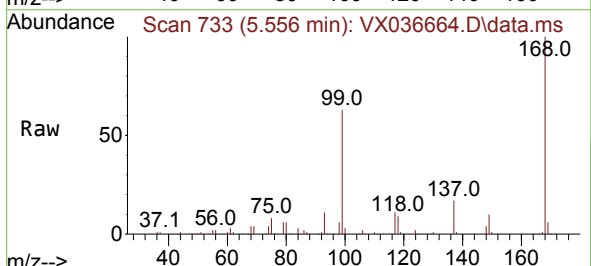
Instrument :
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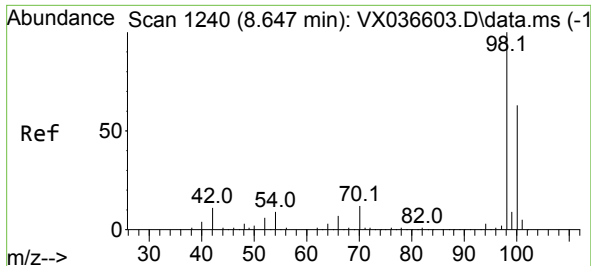
Tgt Ion: 75 Resp: 14702
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.449 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Tgt Ion: 117 Resp: 18225
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

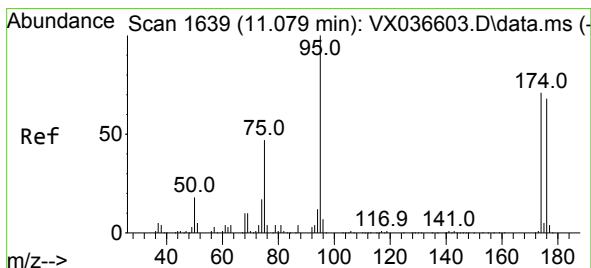
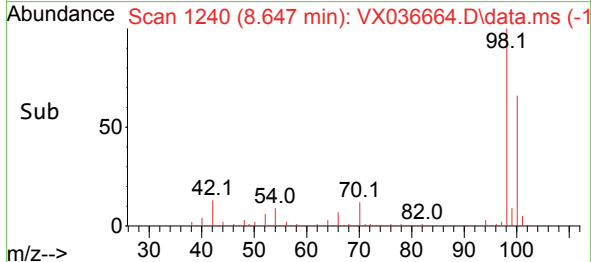
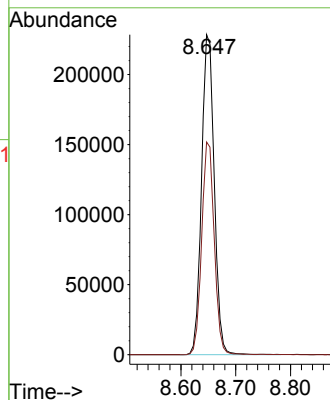
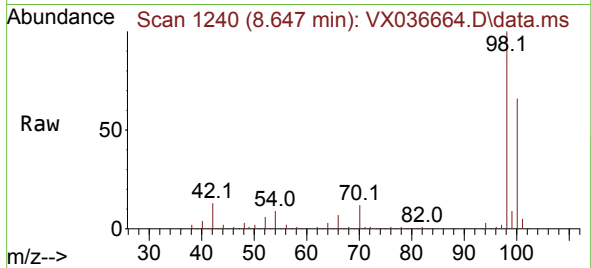




#50
Toluene-d8
Concen: 48.961 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

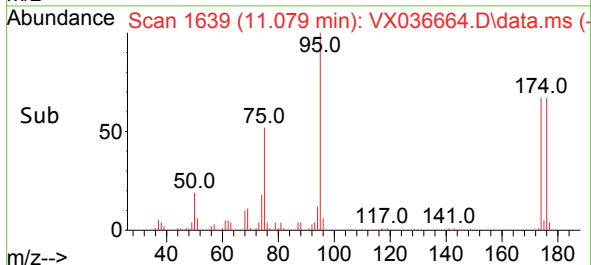
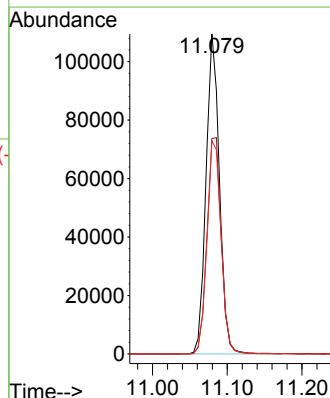
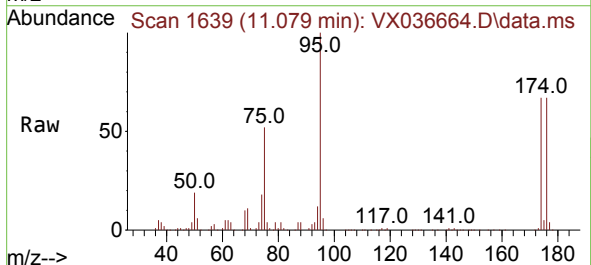
Instrument :
MSVOA_X
ClientSampleId :
MW-22

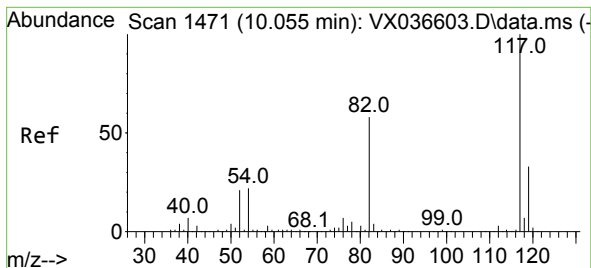
Tgt Ion: 98 Resp: 366494
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Tgt Ion: 95 Resp: 136188
Ion Ratio Lower Upper
95 100
174 72.0 0.0 135.6
176 70.1 0.0 131.0

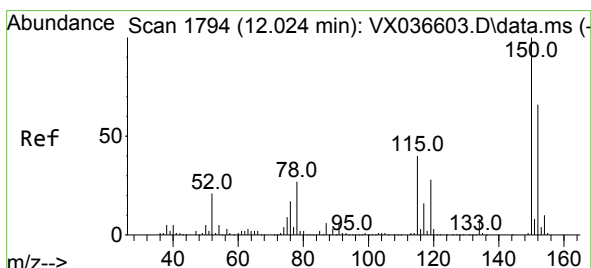
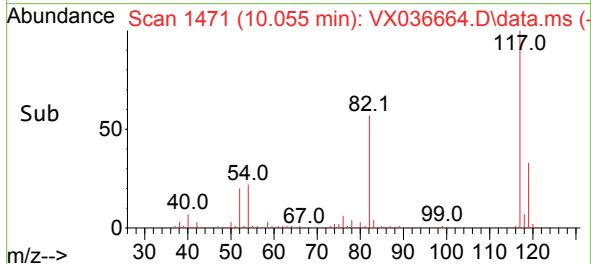
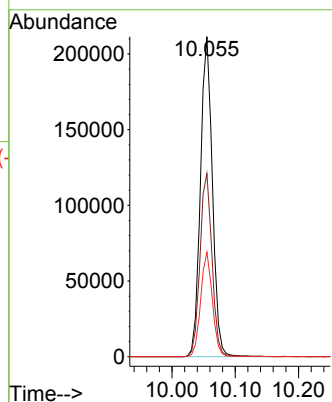
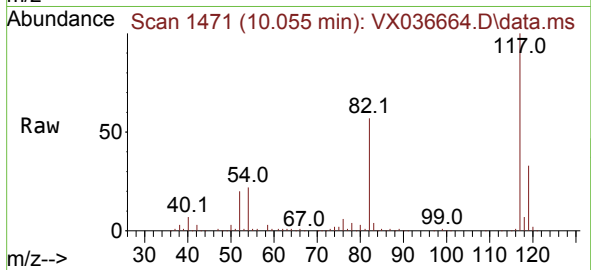




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

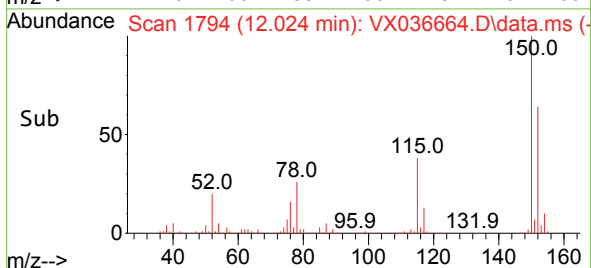
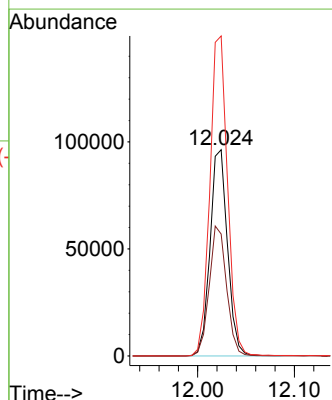
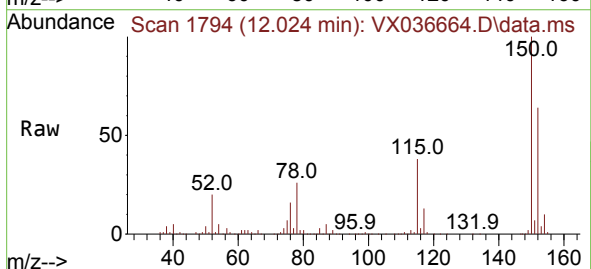
Instrument :
MSVOA_X
ClientSampleId :
MW-22

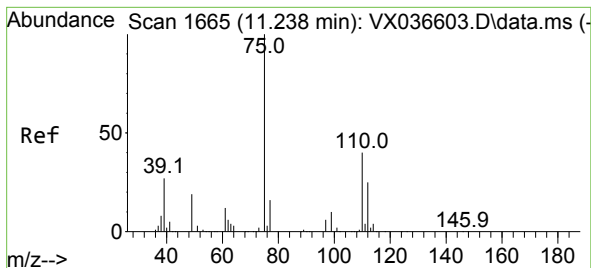
Tgt Ion:117 Resp: 278744
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036664.D
Acq: 25 Jul 2023 19:35

Tgt Ion:152 Resp: 121179
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.740 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036664.D

Acq: 25 Jul 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

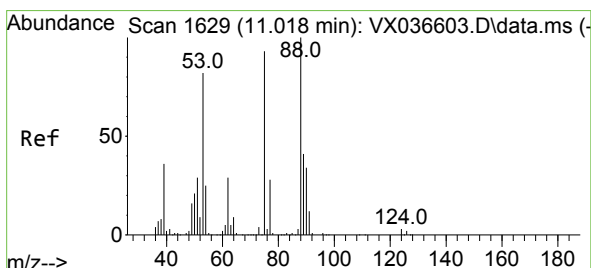
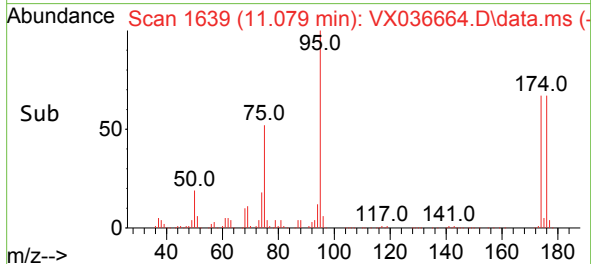
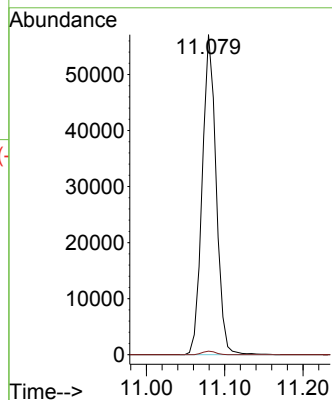
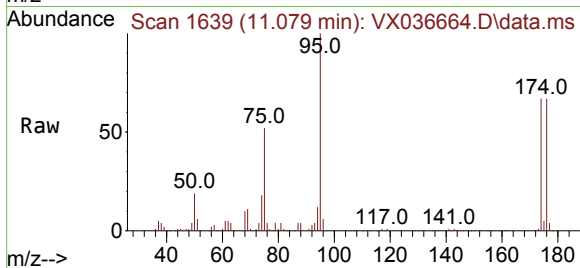
MW-22

Tgt Ion: 75 Resp: 70516

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.075 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036664.D

Acq: 25 Jul 2023 19:35

Tgt Ion: 75 Resp: 70516

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

