

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036654.D
 Acq On : 25 Jul 2023 15:38
 Operator : JC/MD
 Sample : 03750-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-4I

Quant Time: Jul 26 06:26:18 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)

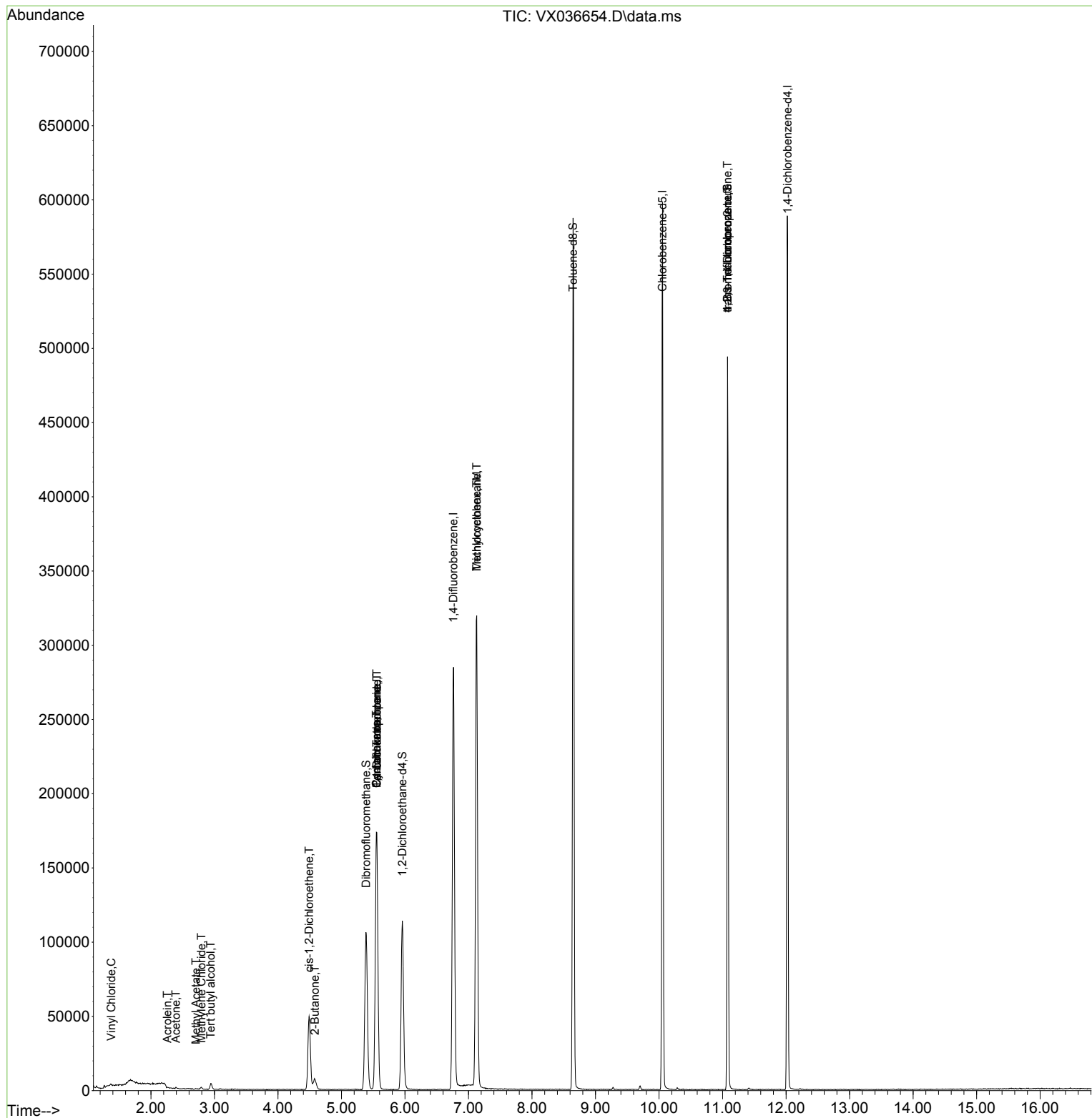
Internal Standards						
1) Pentafluorobenzene	5.556	168	162041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	290257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110026	45.889	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.780%
35) Dibromofluoromethane	5.385	113	92615	46.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.840%
50) Toluene-d8	8.647	98	346885	49.030	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	132539	49.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.300%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	533	0.269	ug/l	90
11) Tert butyl alcohol	2.940	59	2351	4.142	ug/l #	78
13) Acrolein	2.258	56	98	0.303	ug/l #	1
16) Acetone	2.392	43	712	0.716	ug/l	93
18) Methyl Acetate	2.709	43	850	0.203	ug/l #	78
20) Methylene Chloride	2.794	84	740	0.334	ug/l	95
25) 2-Butanone	4.580	43	608	0.377	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	31737	13.176	ug/l	85
31) Cyclohexane	5.550	56	3794	1.143	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	13320	4.479	ug/l #	51
38) Carbon Tetrachloride	5.556	117	17472	5.527	ug/l #	14
39) Methylcyclohexane	7.129	83	1510	0.408	ug/l #	1
44) Trichloroethene	7.129	130	123323	54.533	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	69018	24.347	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	69018	55.184	ug/l #	5

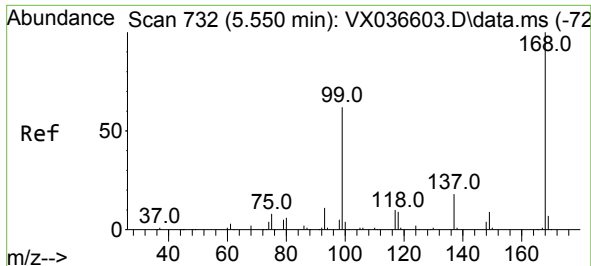
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 26 06:26:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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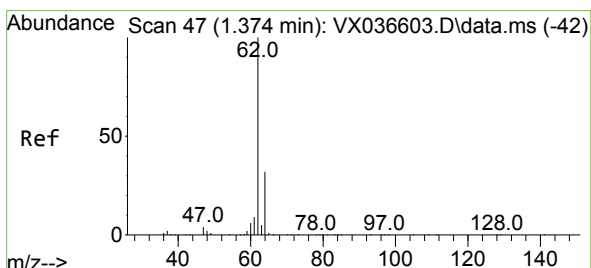
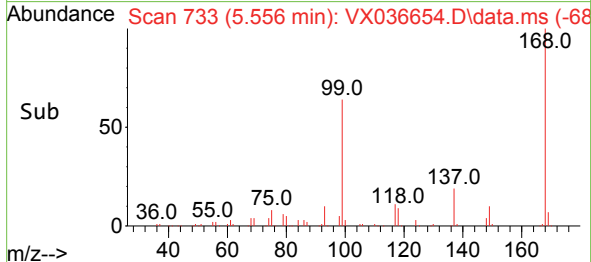
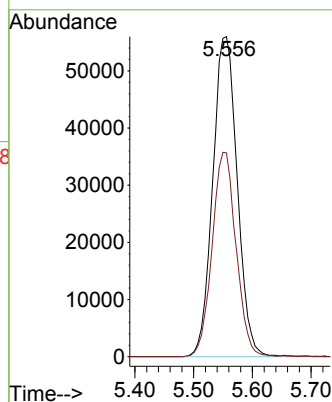
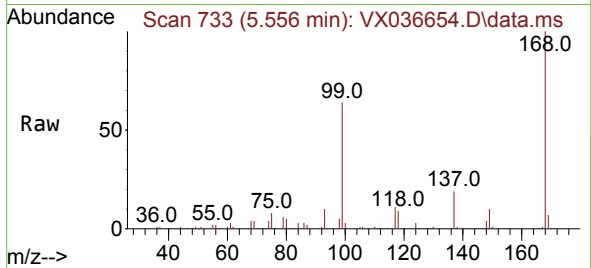




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38

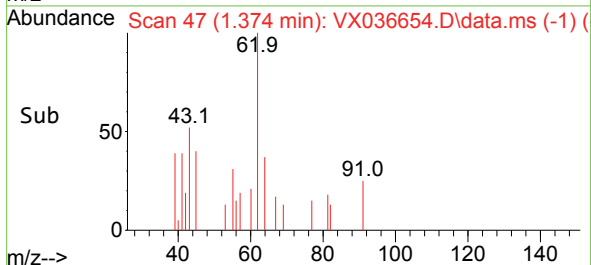
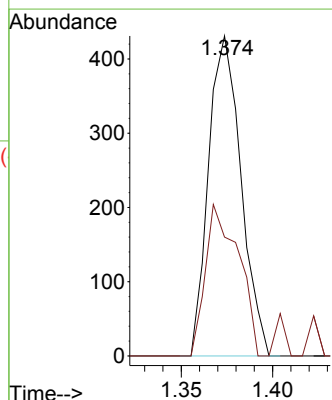
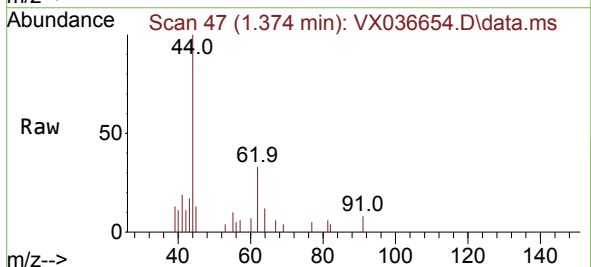
Instrument :
MSVOA_X
ClientSampleId :
22-MW-4I

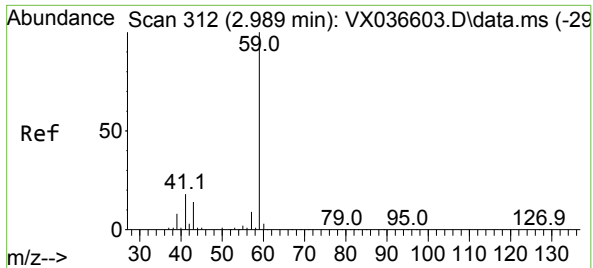
Tgt Ion:168 Resp: 162041
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#4
Vinyl Chloride
Concen: 0.269 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38

Tgt Ion: 62 Resp: 533
Ion Ratio Lower Upper
62 100
64 37.1 25.4 38.0





#11

Tert butyl alcohol

Concen: 4.142 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.049 min

Lab File: VX036654.D

Acq: 25 Jul 2023 15:38

Instrument :

MSVOA_X

ClientSampleId :

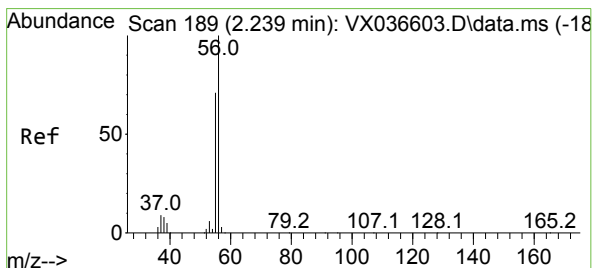
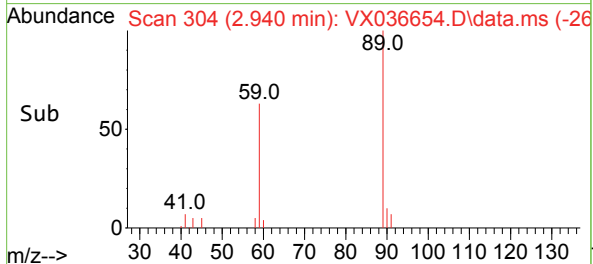
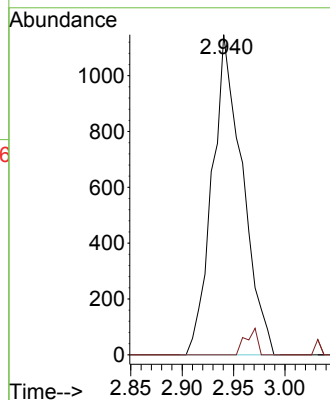
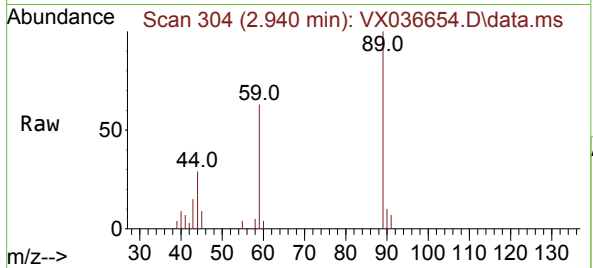
22-MW-4I

Tgt Ion: 59 Resp: 2351

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.303 ug/l

RT: 2.258 min Scan# 192

Delta R.T. 0.018 min

Lab File: VX036654.D

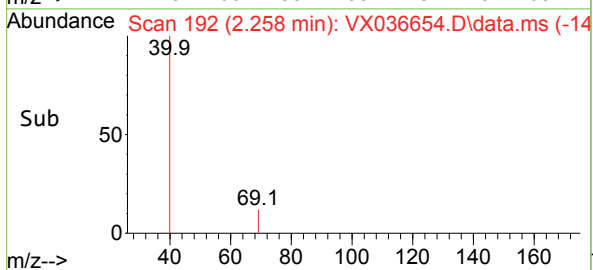
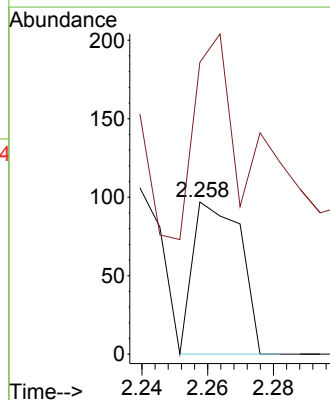
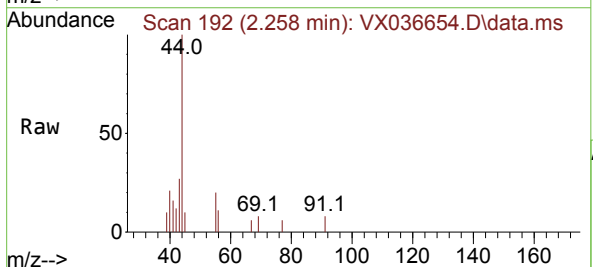
Acq: 25 Jul 2023 15:38

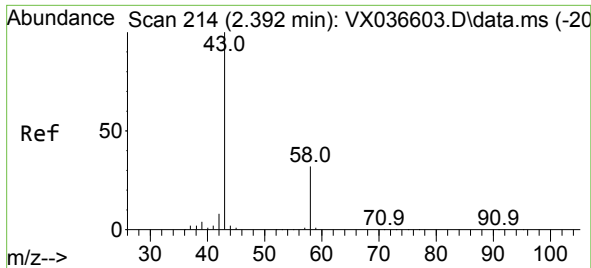
Tgt Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 161.2 57.1 85.7#

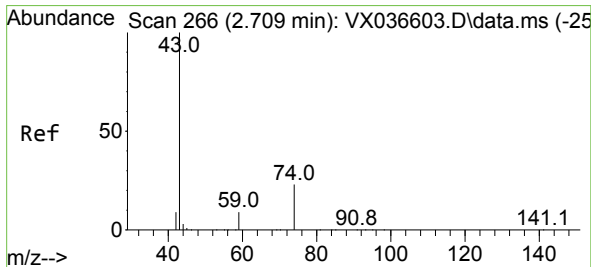
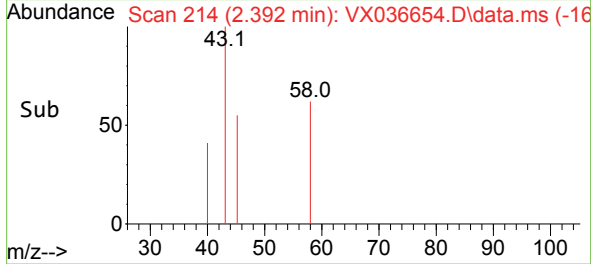
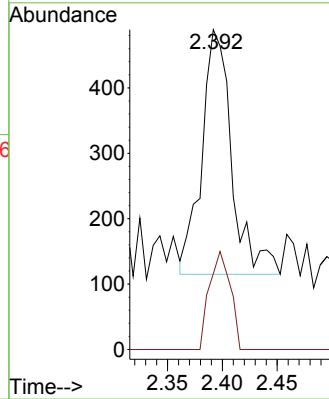
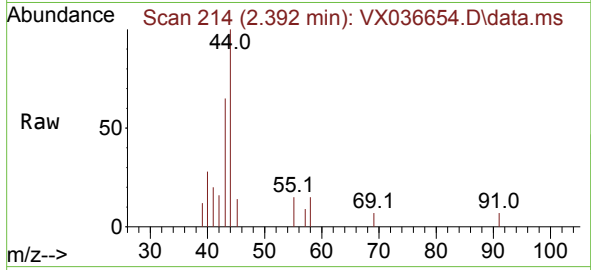




#16
Acetone
Concen: 0.716 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38

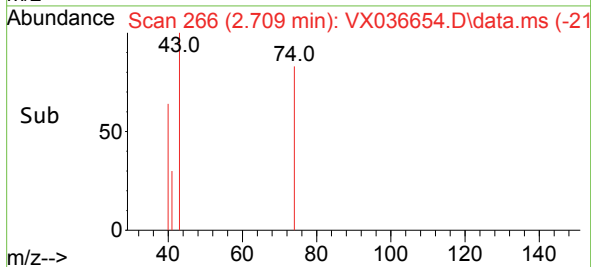
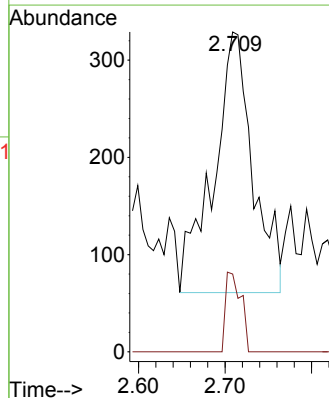
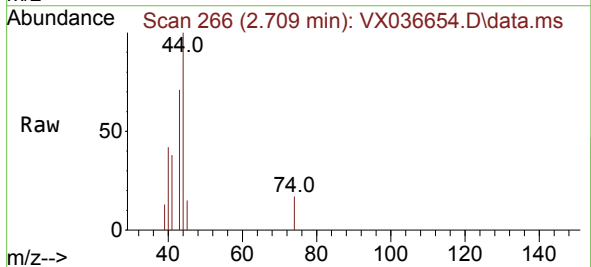
Instrument :
MSVOA_X
ClientSampleId :
22-MW-4I

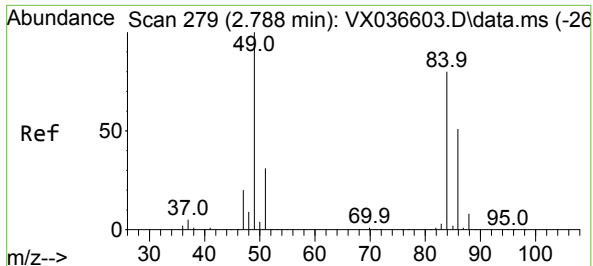
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9



#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38

Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
74 11.9 17.8 26.8#

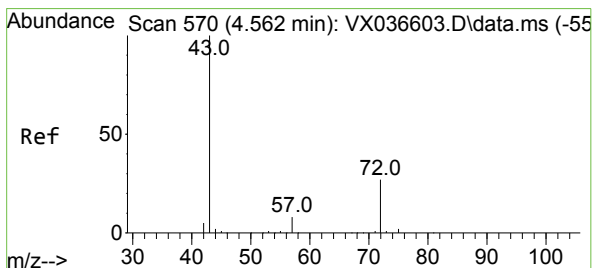
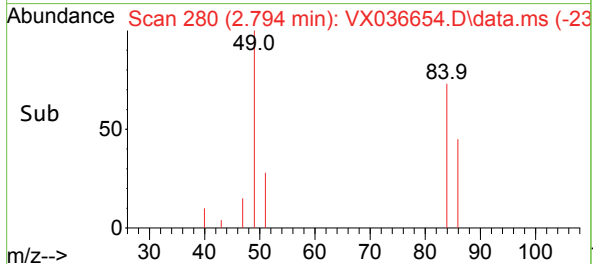
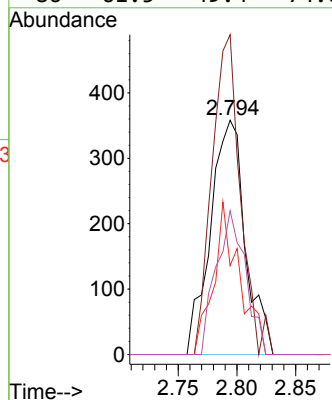
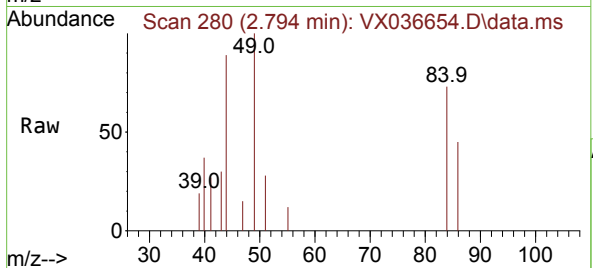




#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38

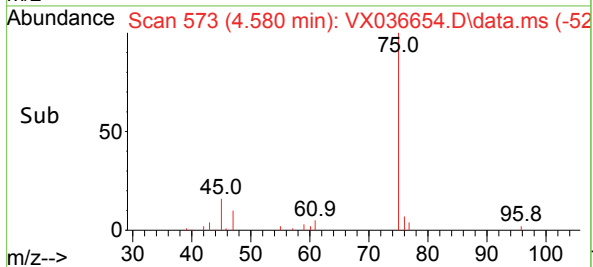
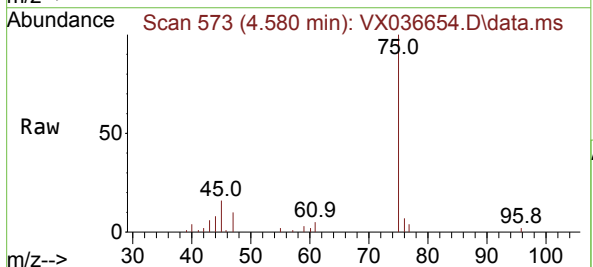
Instrument :
MSVOA_X
ClientSampleId :
22-MW-4I

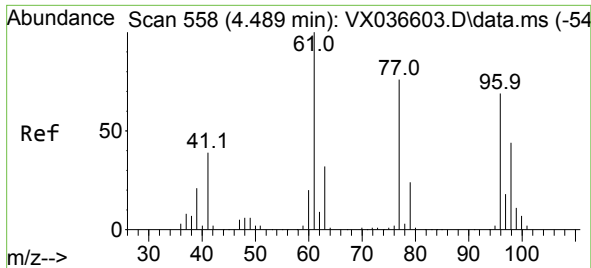
Tgt Ion: 84	Resp:	740	
Ion	Ratio	Lower	Upper
84	100		
49	136.6	103.6	155.4
51	38.0	33.8	50.6
86	61.5	49.4	74.0



#25
2-Butanone
Concen: 0.377 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38

Tgt Ion: 43	Resp:	608	
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#27

cis-1,2-Dichloroethene

Concen: 13.176 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036654.D

Acq: 25 Jul 2023 15:38

Instrument :

MSVOA_X

ClientSampleId :

22-MW-4I

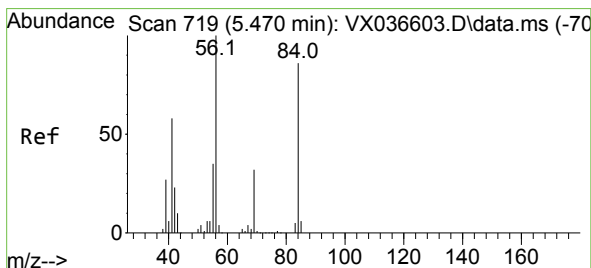
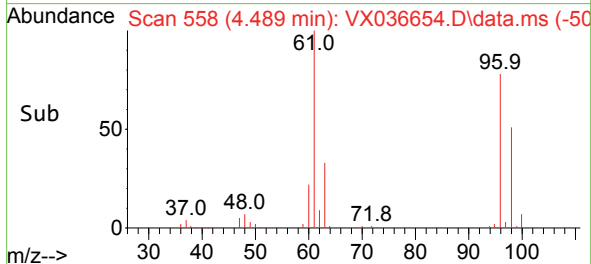
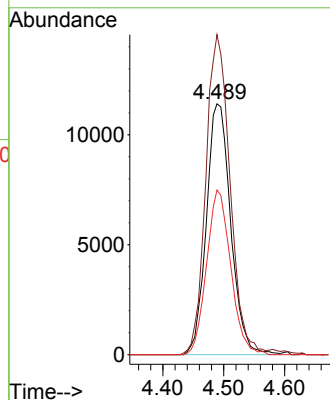
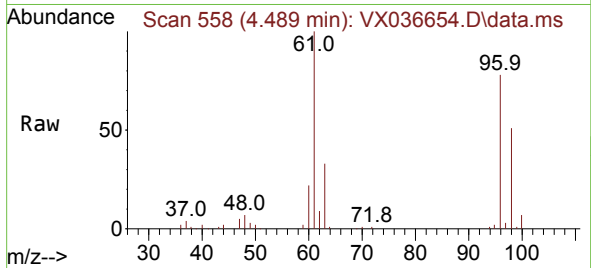
Tgt Ion: 96 Resp: 31737

Ion Ratio Lower Upper

96 100

61 128.3 0.0 312.2

98 64.9 0.0 129.0



#31

Cyclohexane

Concen: 1.143 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036654.D

Acq: 25 Jul 2023 15:38

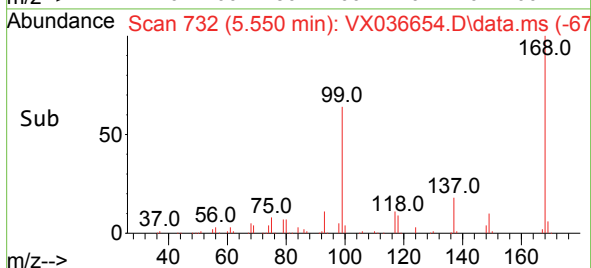
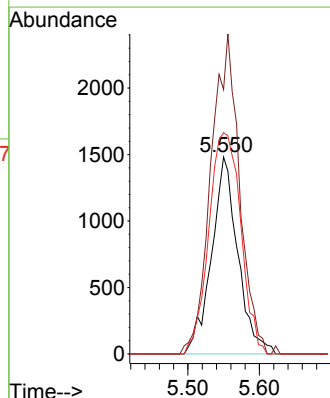
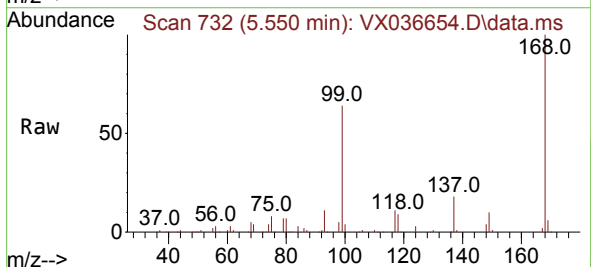
Tgt Ion: 56 Resp: 3794

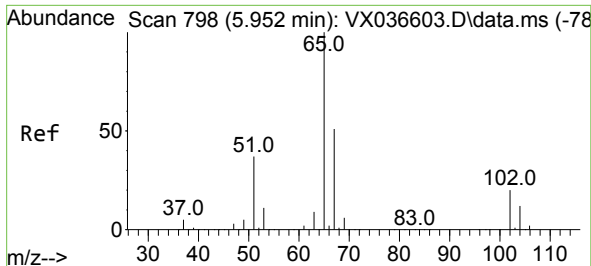
Ion Ratio Lower Upper

56 100

69 134.1 23.4 35.2#

84 112.3 65.9 98.9#

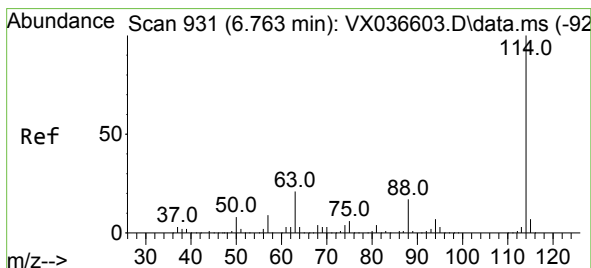
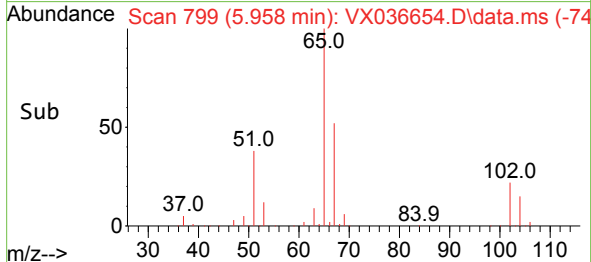
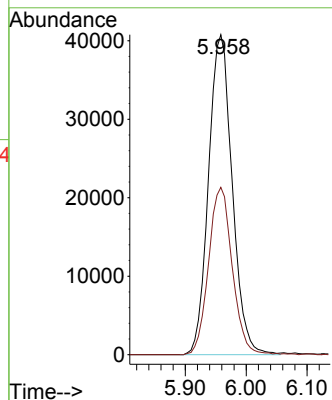
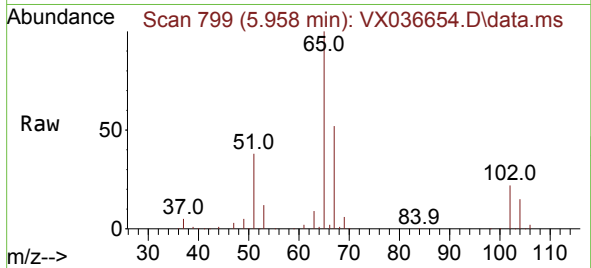




#33
 1,2-Dichloroethane-d4
 Concen: 45.889 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX036654.D
 Acq: 25 Jul 2023 15:38

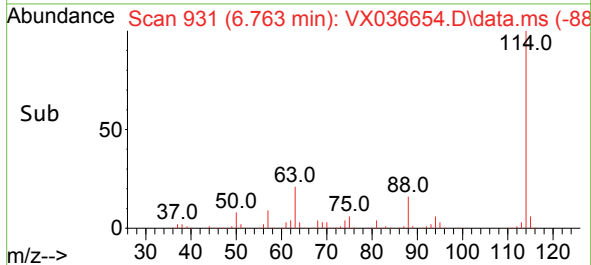
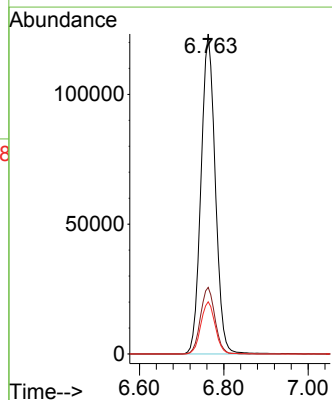
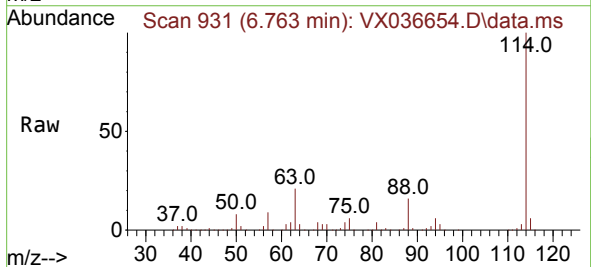
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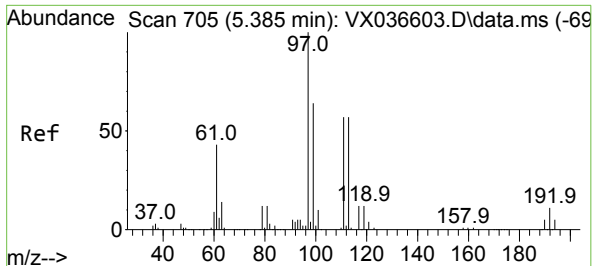
Tgt Ion: 65 Resp: 110026
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036654.D
 Acq: 25 Jul 2023 15:38

Tgt Ion: 114 Resp: 290257
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.0
 88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.422 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036654.D

Acq: 25 Jul 2023 15:38

Instrument :

MSVOA_X

ClientSampleId :

22-MW-4I

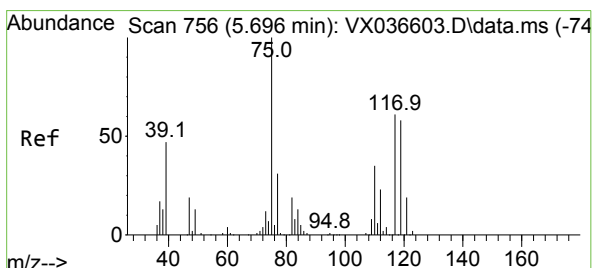
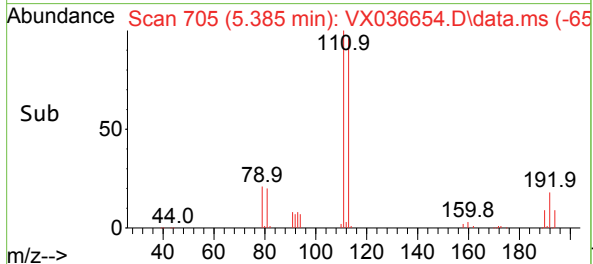
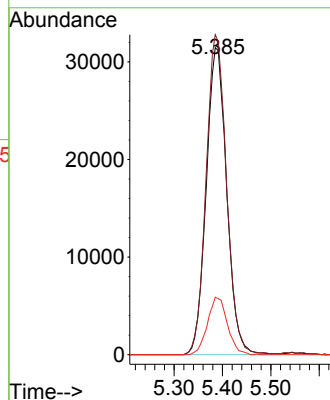
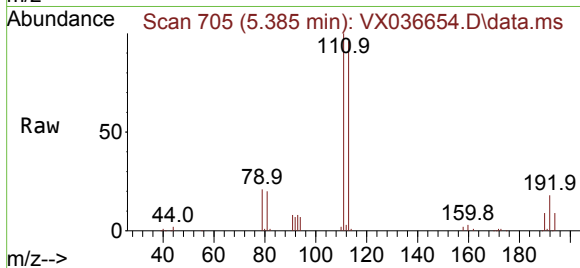
Tgt Ion:113 Resp: 92615

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

192 18.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.479 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX036654.D

Acq: 25 Jul 2023 15:38

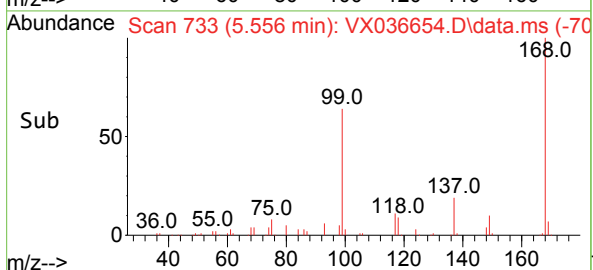
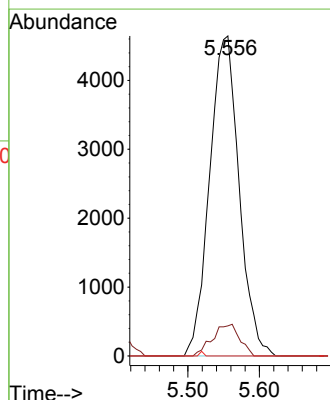
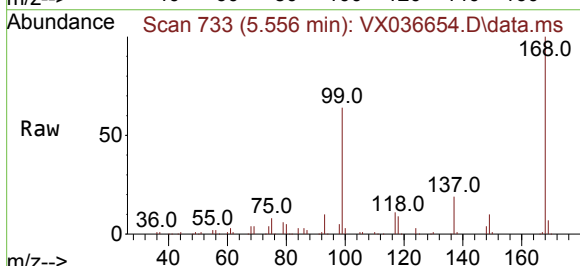
Tgt Ion: 75 Resp: 13320

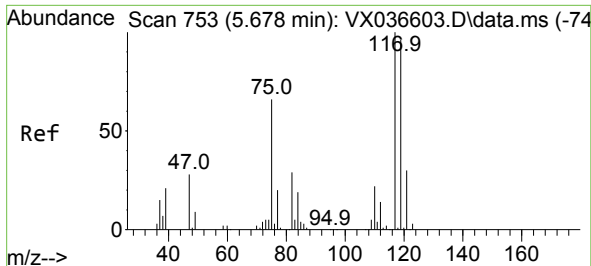
Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

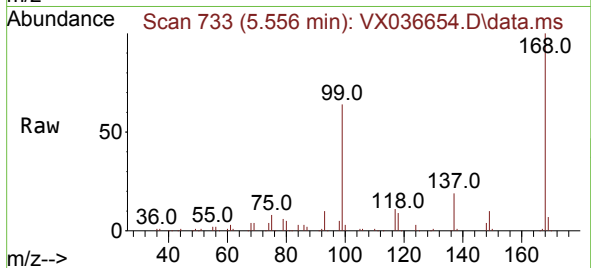
77 0.0 24.7 37.1#



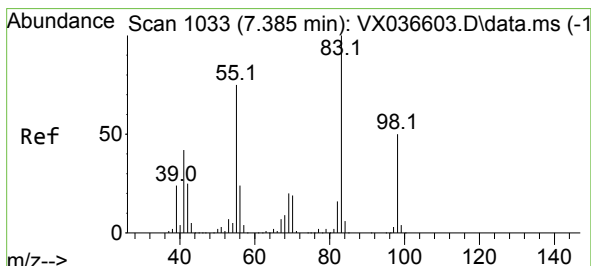
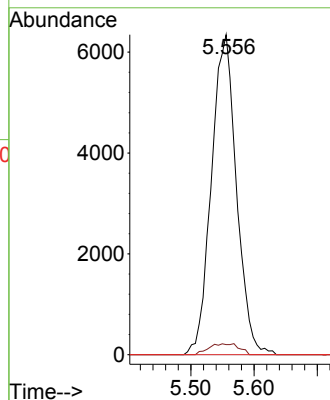
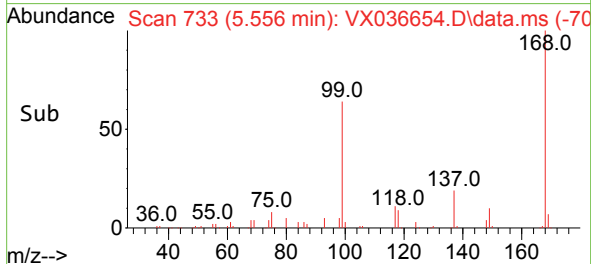


#38
Carbon Tetrachloride
Concen: 5.527 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38

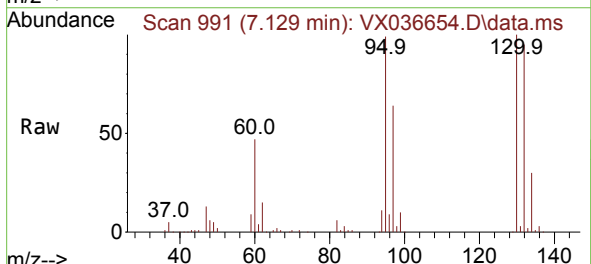
Instrument :
MSVOA_X
ClientSampleId :
22-MW-4I



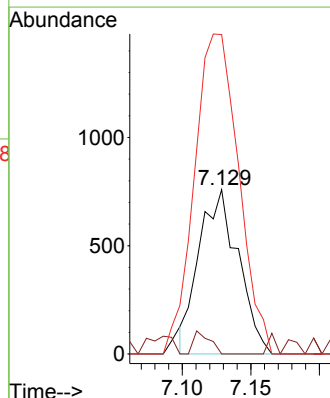
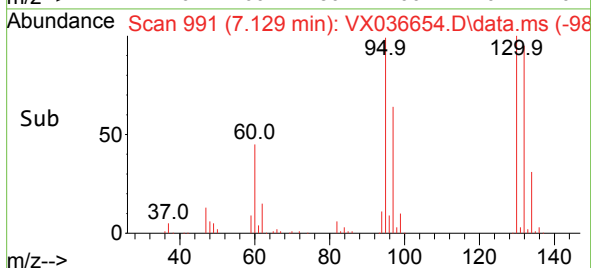
Tgt Ion:117 Resp: 17472
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#

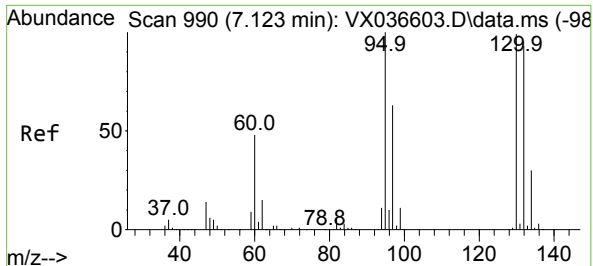


#39
Methylcyclohexane
Concen: 0.408 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38



Tgt Ion: 83 Resp: 1510
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 194.3 36.7 55.1#

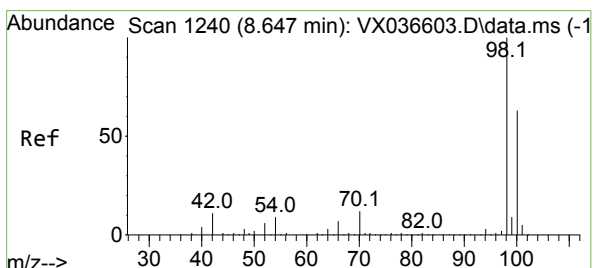
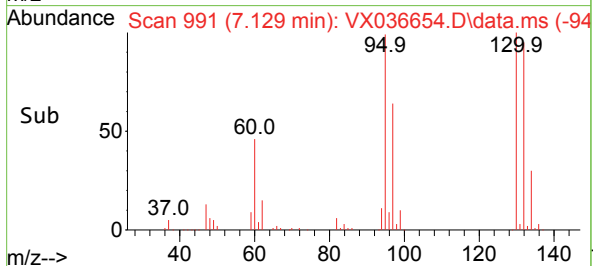
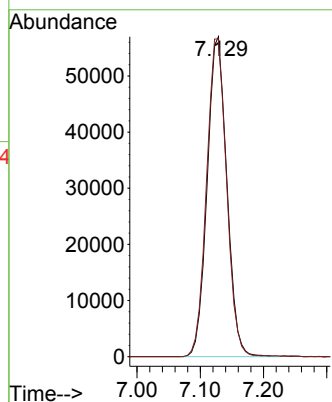
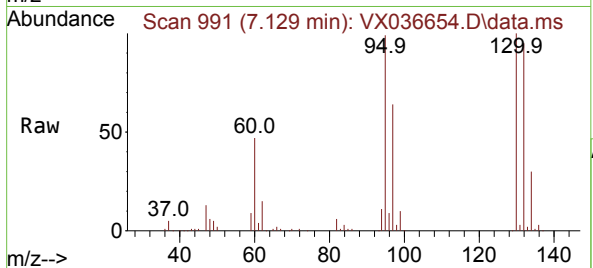




#44
Trichloroethene
Concen: 54.533 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38

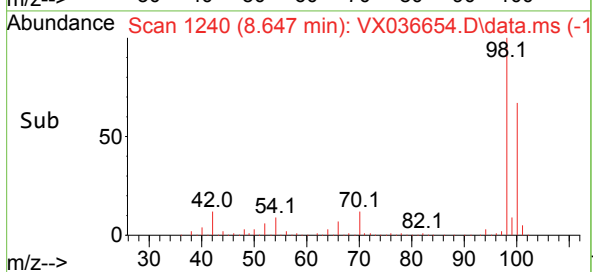
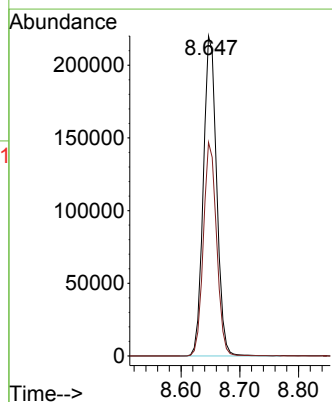
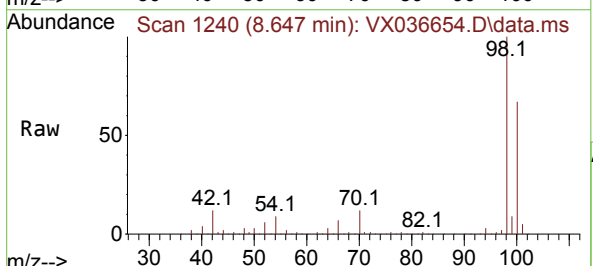
Instrument :
MSVOA_X
ClientSampleId :
22-MW-4I

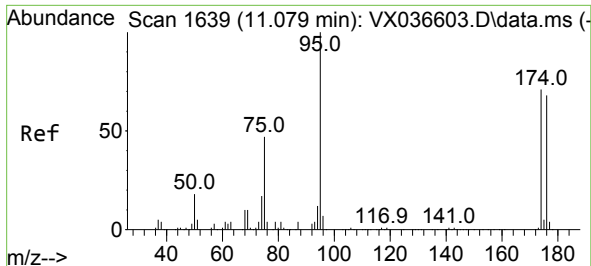
Tgt Ion:130 Resp: 123323
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.4



#50
Toluene-d8
Concen: 49.030 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38

Tgt Ion: 98 Resp: 346885
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

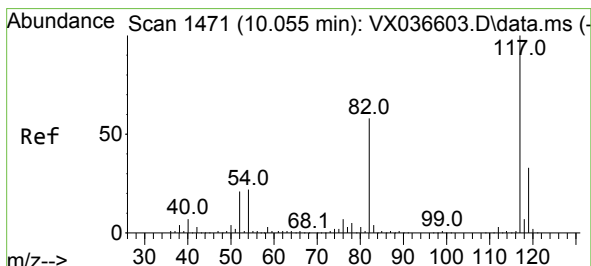
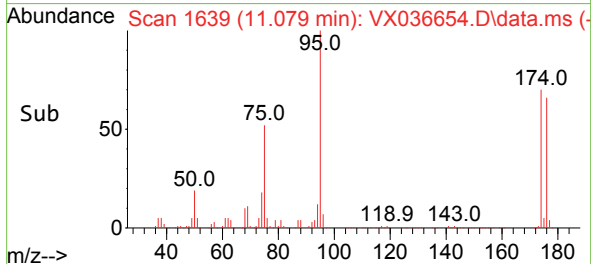
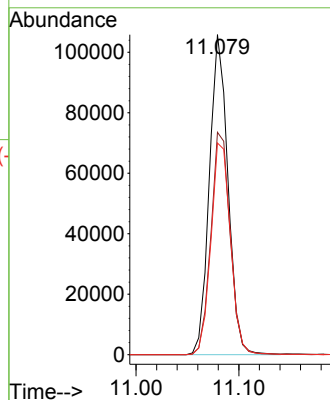
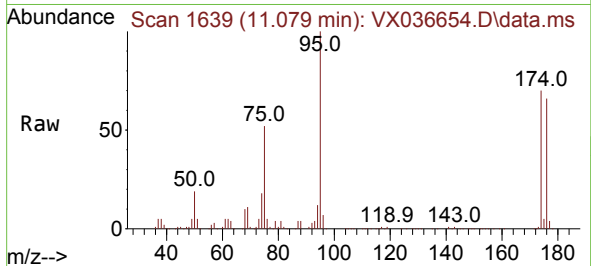




#62
4-Bromofluorobenzene
Concen: 49.654 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38

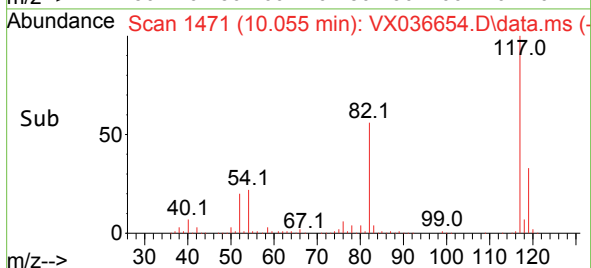
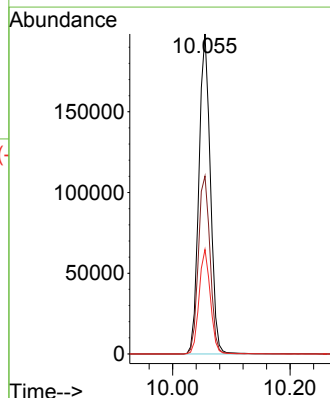
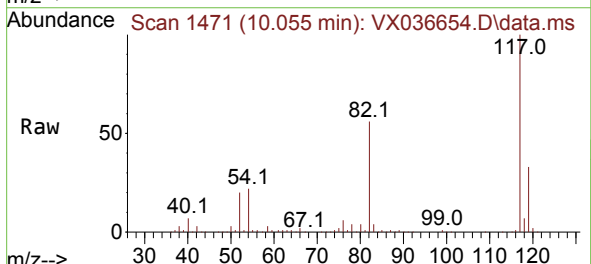
Instrument :
MSVOA_X
ClientSampleId :
22-MW-4I

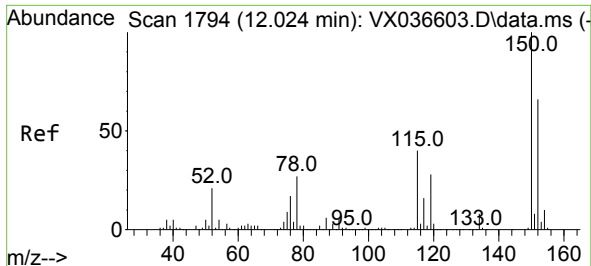
Tgt Ion: 95 Resp: 132539
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 70.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036654.D
Acq: 25 Jul 2023 15:38

Tgt Ion: 117 Resp: 268016
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.6 25.5 38.3

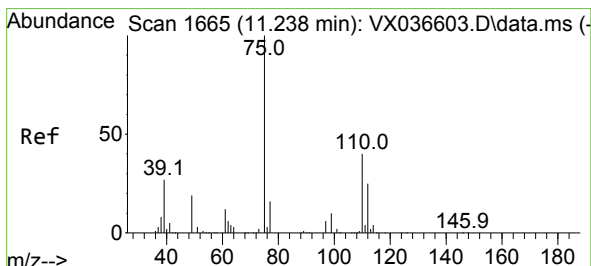
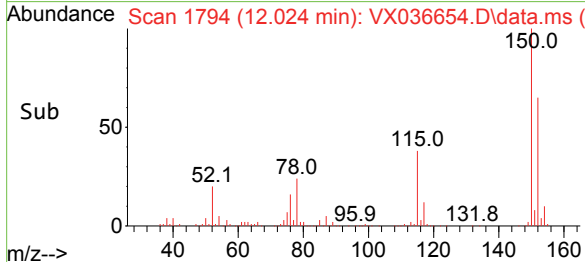
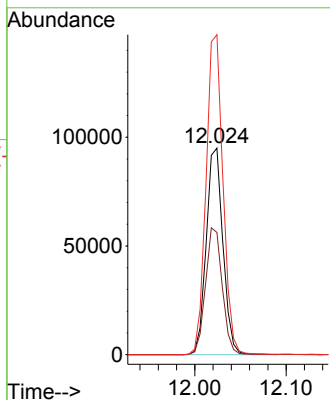
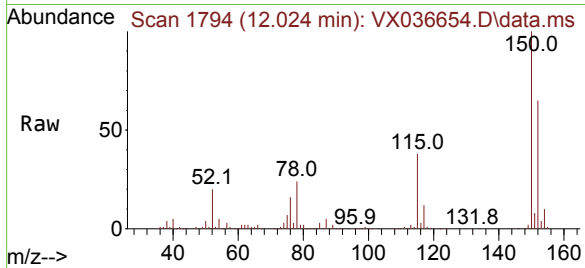




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036654.D
 Acq: 25 Jul 2023 15:38

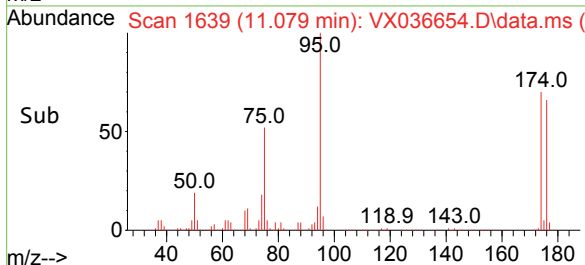
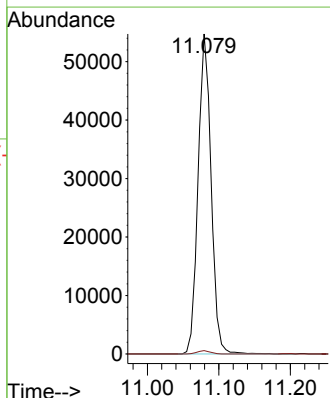
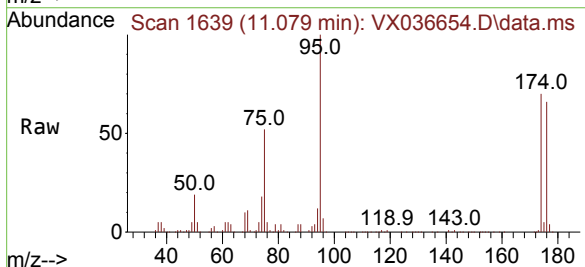
Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-4I

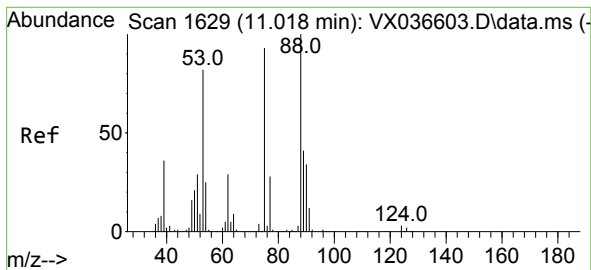
Tgt Ion:152 Resp: 120521
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.3 129.9
 150 157.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.347 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036654.D
 Acq: 25 Jul 2023 15:38

Tgt Ion: 75 Resp: 69018
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.184 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036654.D
 Acq: 25 Jul 2023 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-4I

Tgt Ion: 75 Resp: 69018
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

