

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035647.D
 Acq On : 12 May 2023 18:48
 Operator : JC/MD
 Sample : 02781-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MGP-WASTE-WASTER-5/12/23

Quant Time: May 15 02:02:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

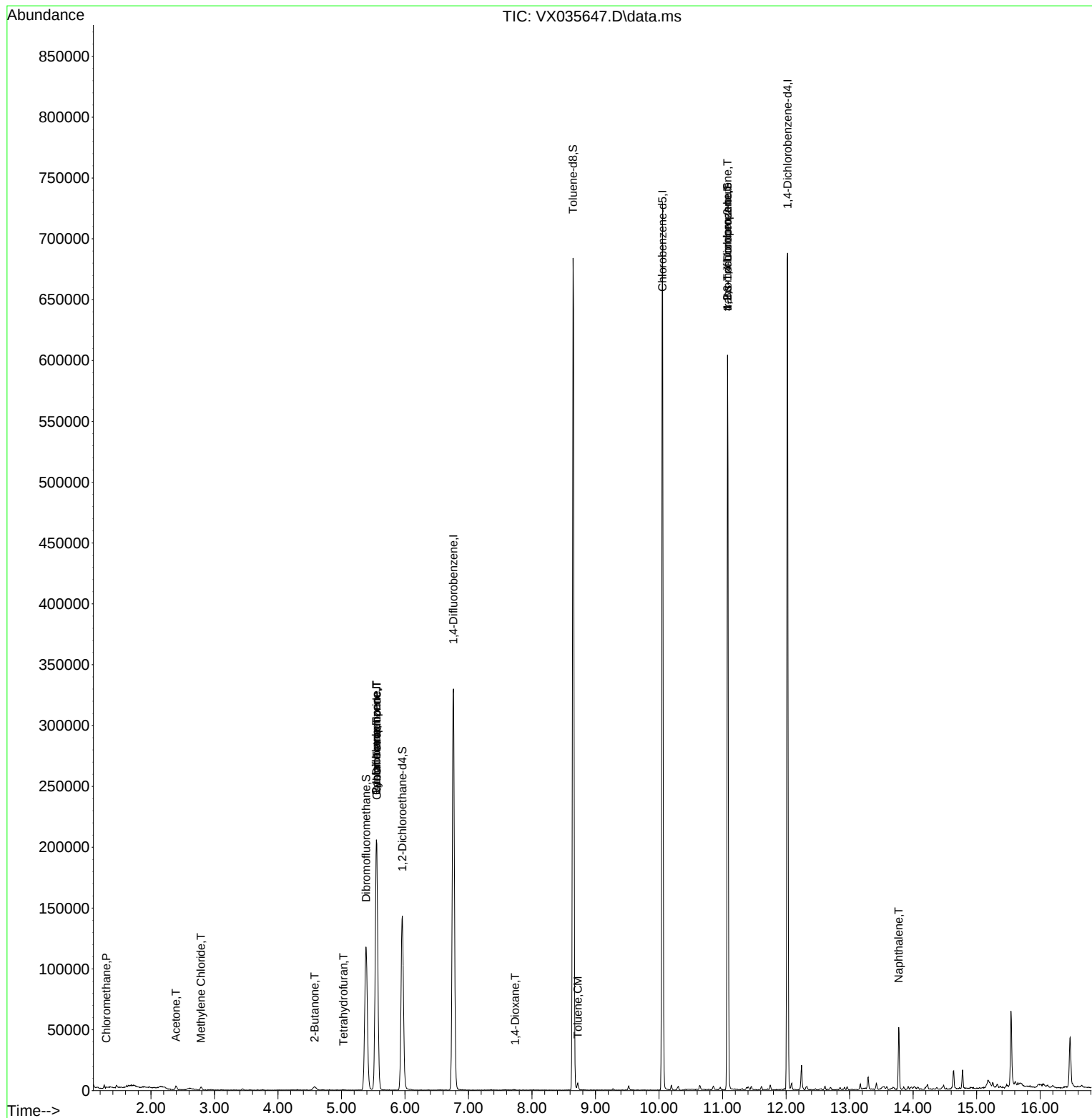
Internal Standards						
1) Pentafluorobenzene	5.550	168	173978	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	321456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146140	48.150	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.300%
35) Dibromofluoromethane	5.385	113	103405	47.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.400%
50) Toluene-d8	8.647	98	385419	48.125	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.079	95	158858	49.264	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	681	0.247	ug/l	92
16) Acetone	2.392	43	3886	2.979	ug/l	92
20) Methylene Chloride	2.788	84	1296	0.548	ug/l	# 80
25) 2-Butanone	4.574	43	747	0.414	ug/l	# 51
29) Tetrahydrofuran	5.032	42	369	0.325	ug/l	# 34
31) Cyclohexane	5.550	56	5147	1.342	ug/l	# 23
36) 1,1-Dichloropropene	5.550	75	16512	4.825	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	20757	6.403	ug/l	# 16
49) 1,4-Dioxane	7.732	88	416	8.105	ug/l	# 67
52) Toluene	8.720	92	1851	0.306	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	87509	27.293	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	87509	87.961	ug/l	# 8
95) Naphthalene	13.774	128	29448	3.062	ug/l	99

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

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MGP-WASTE-WASTER-5/12/23

Quant Time: May 15 02:02:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

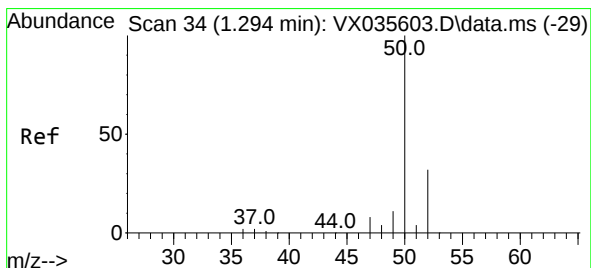
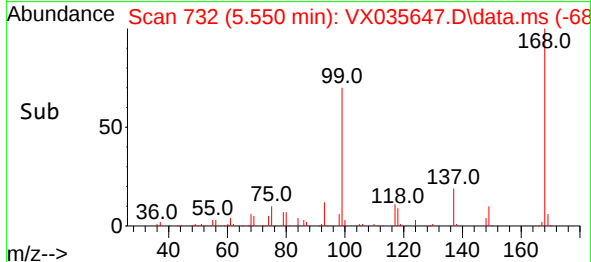
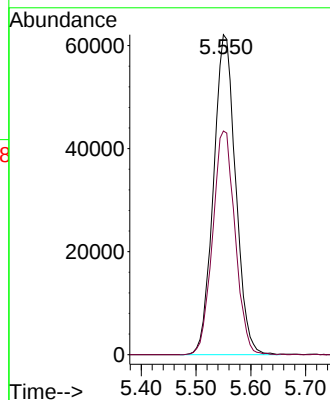
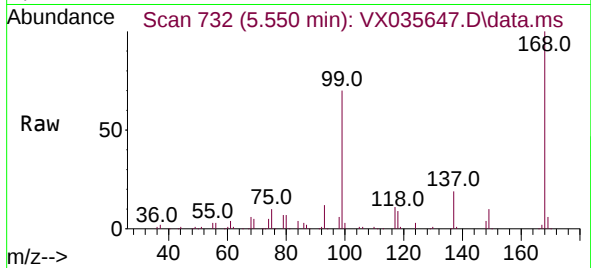




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

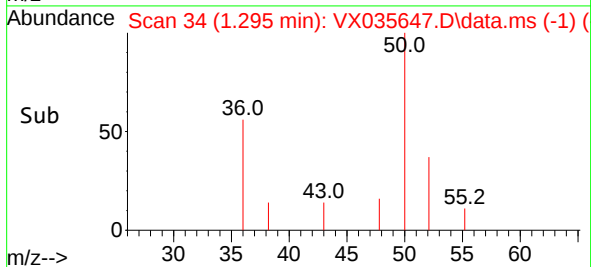
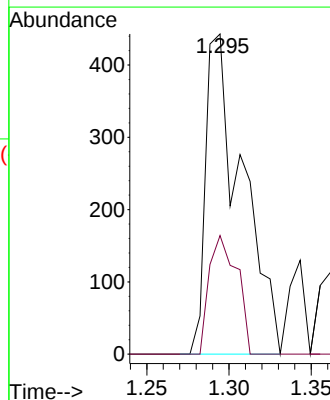
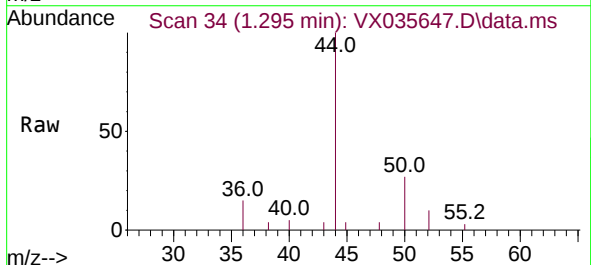
Instrument :
MSVOA_X
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

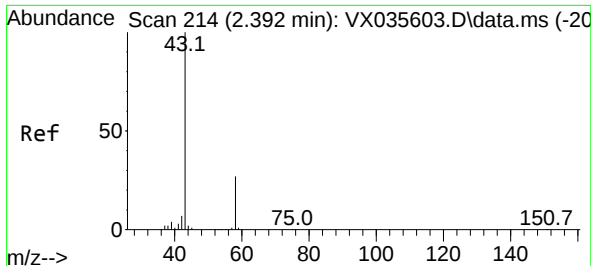
Tgt Ion:168 Resp: 173978
Ion Ratio Lower Upper
168 100
99 69.9 45.7 68.5#



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

Tgt Ion: 50 Resp: 681
Ion Ratio Lower Upper
50 100
52 37.0 25.9 38.9

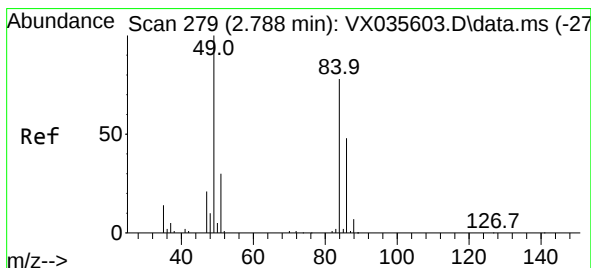
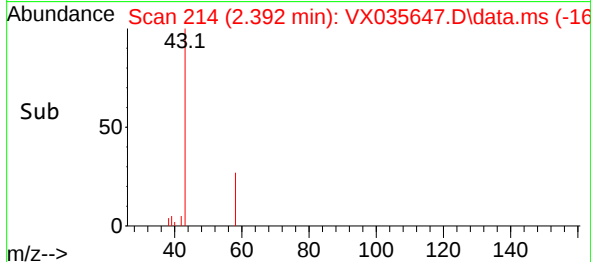
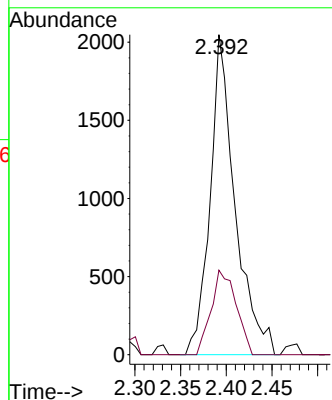
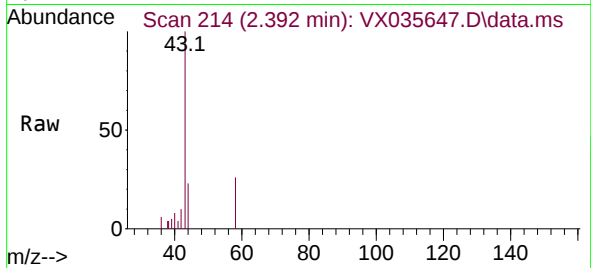




#16
Acetone
Concen: 2.979 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

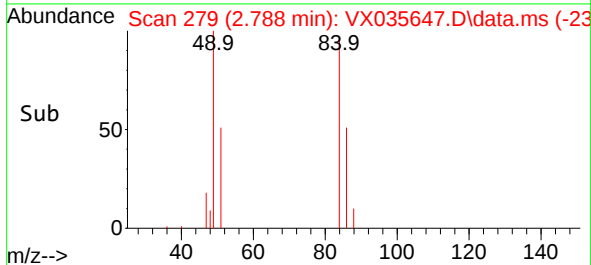
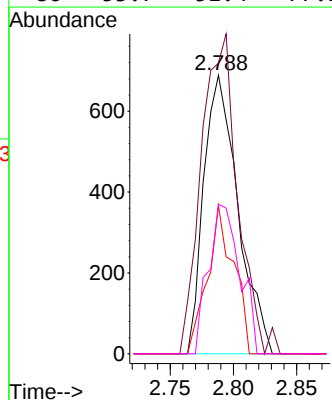
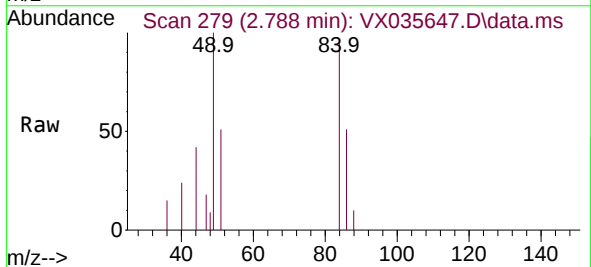
Instrument : MSVOA_X
ClientSampleId : MGP-WASTE-WASTER-5/12/23

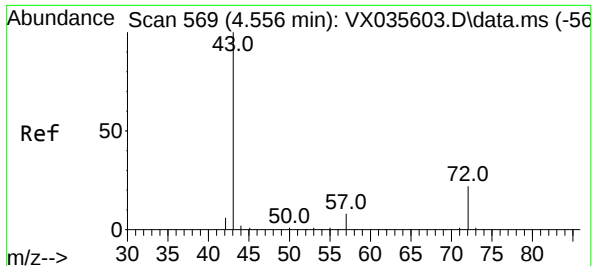
Tgt Ion: 43 Resp: 3886
Ion Ratio Lower Upper
43 100
58 26.4 24.7 37.1



#20
Methylene Chloride
Concen: 0.548 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

Tgt Ion: 84 Resp: 1296
Ion Ratio Lower Upper
84 100
49 104.4 103.8 155.8
51 53.3 31.8 47.8#
86 53.7 51.4 77.2

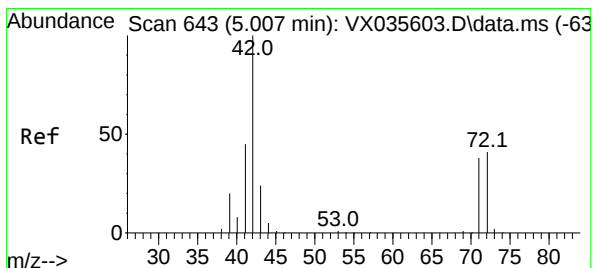
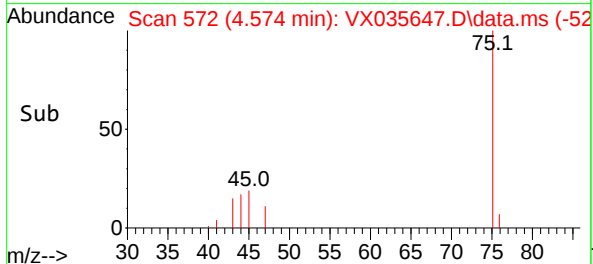
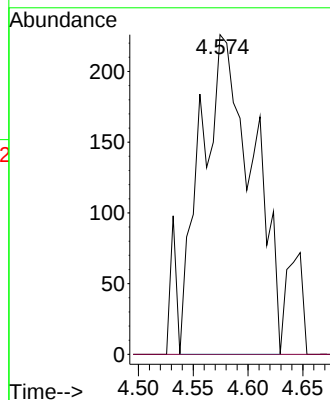
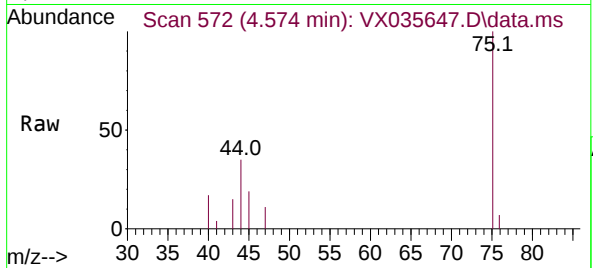




#25
2-Butanone
Concen: 0.414 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

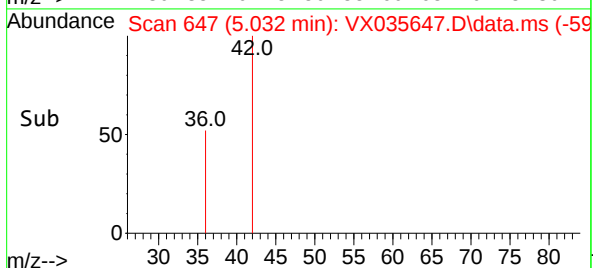
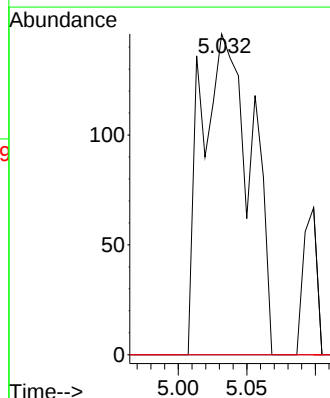
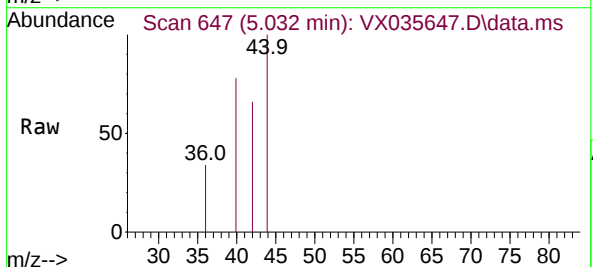
Instrument :
MSVOA_X
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

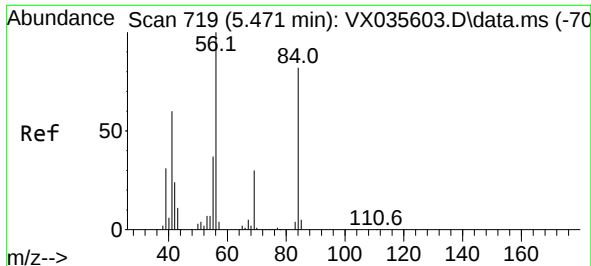
Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#29
Tetrahydrofuran
Concen: 0.325 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.025 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

Tgt Ion: 42 Resp: 369
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 0.0 32.1 48.1#

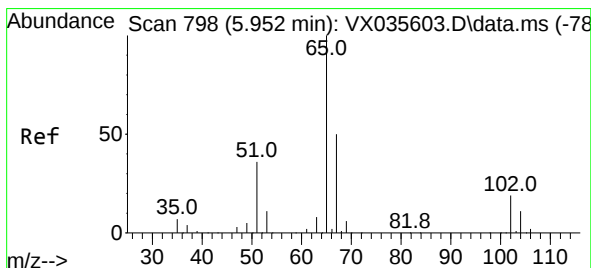
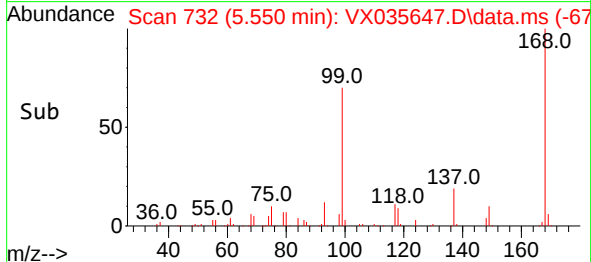
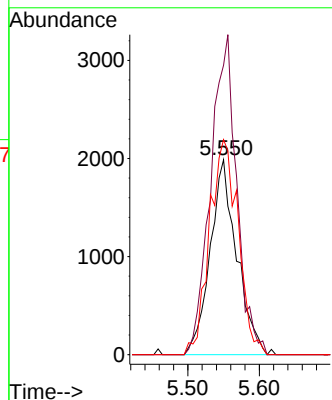
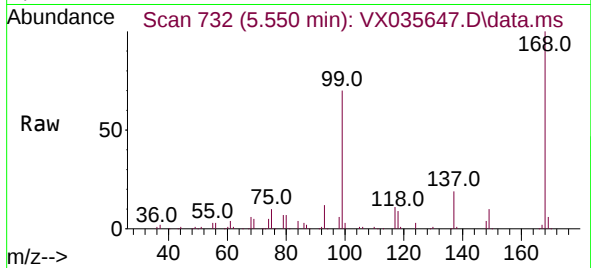




#31
Cyclohexane
Concen: 1.342 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

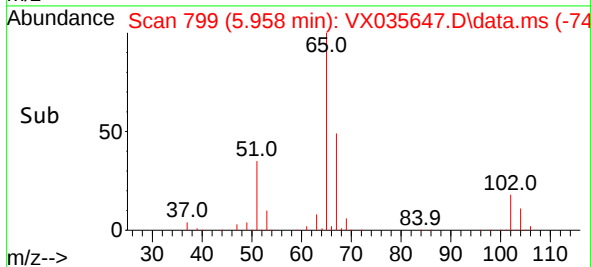
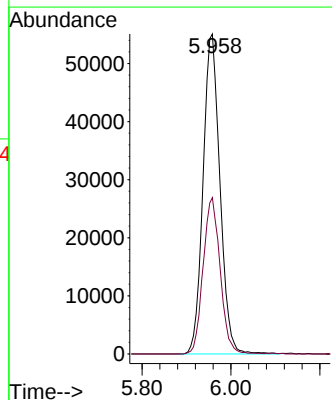
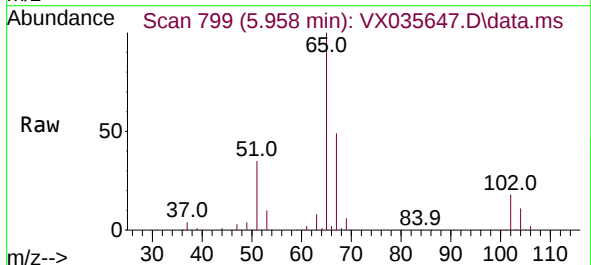
Instrument :
MSVOA_X
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

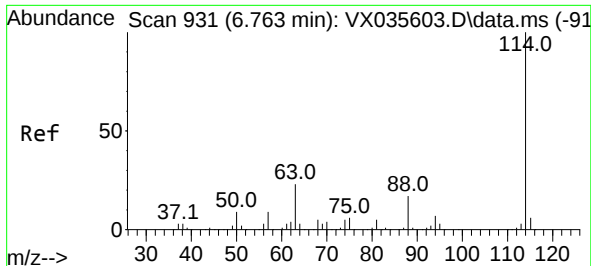
Tgt Ion: 56 Resp: 5147
Ion Ratio Lower Upper
56 100
69 148.5 23.7 35.5#
84 110.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.150 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

Tgt Ion: 65 Resp: 146140
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.0

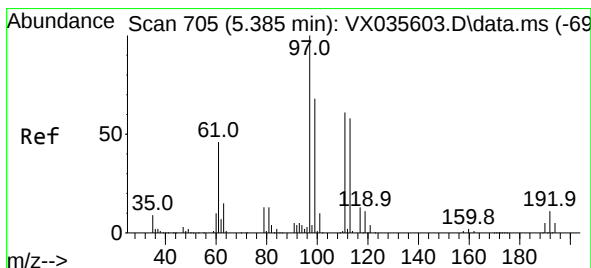
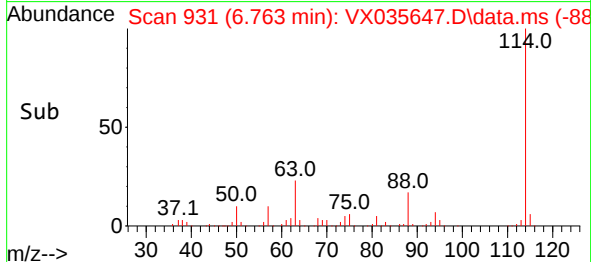
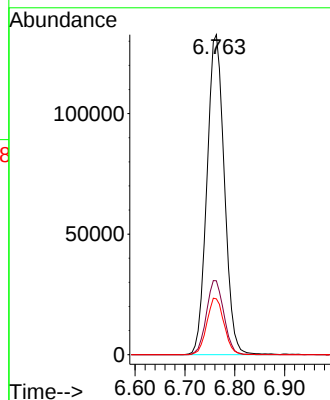
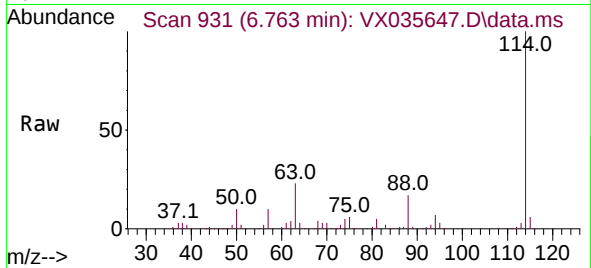




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

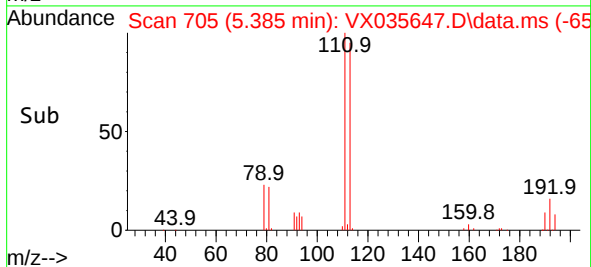
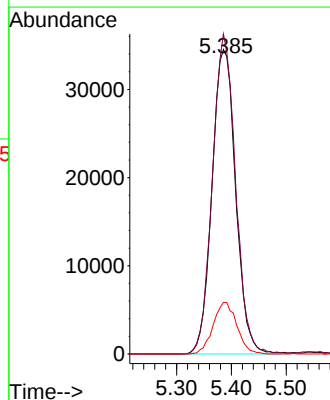
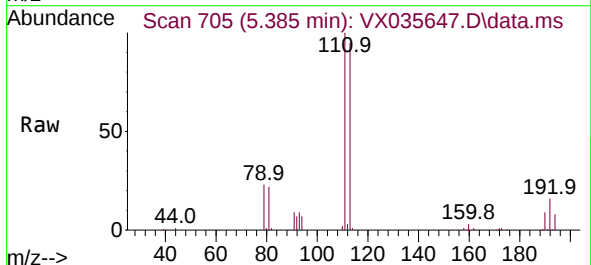
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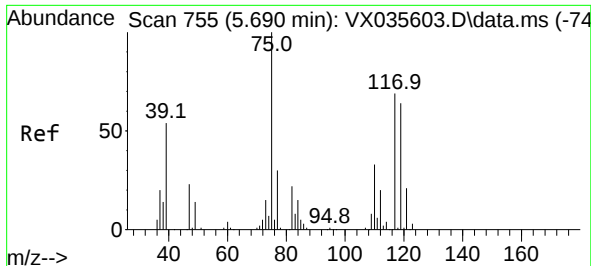
Tgt Ion:114 Resp: 321456
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.2
88 17.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.698 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

Tgt Ion:113 Resp: 103405
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 17.0 15.4 23.2

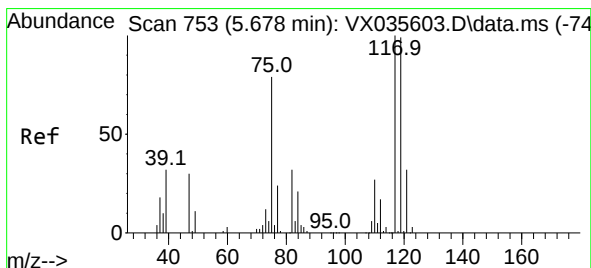
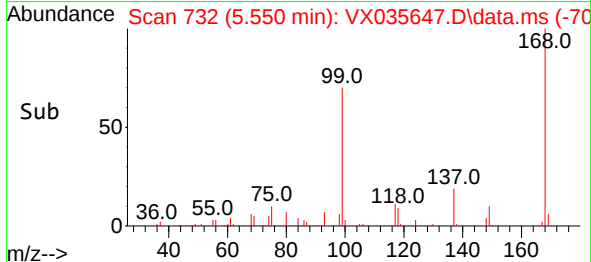
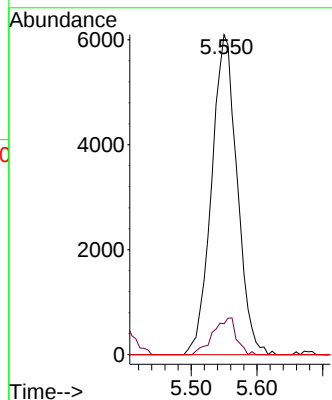
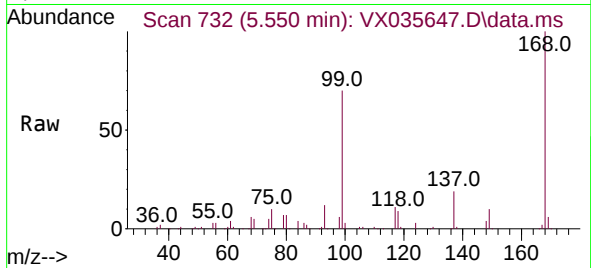




#36
1,1-Dichloropropene
Concen: 4.825 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

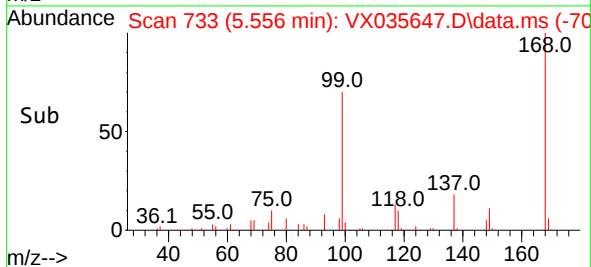
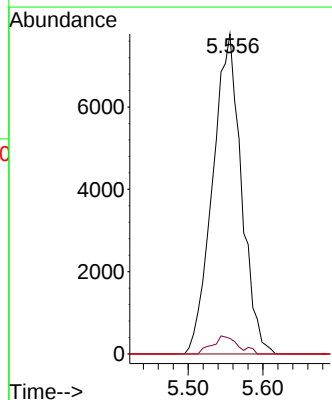
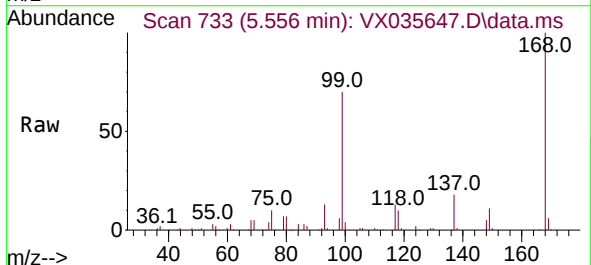
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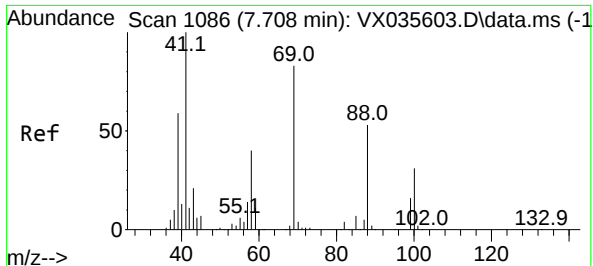
Tgt Ion: 75 Resp: 16512
Ion Ratio Lower Upper
75 100
110 10.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.403 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

Tgt Ion: 117 Resp: 20757
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 8.105 ug/l

RT: 7.732 min Scan# 1

Delta R.T. 0.024 min

Lab File: VX035647.D

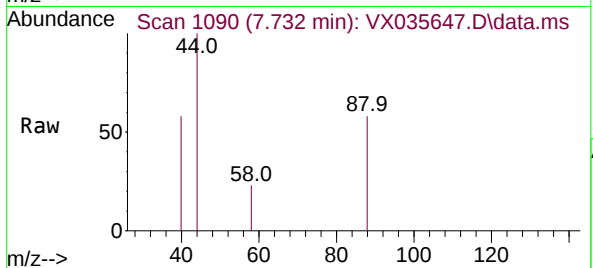
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Instrument :

MSVOA_X

ClientSampleId :

MGP-WASTE-WASTER-5/12/23



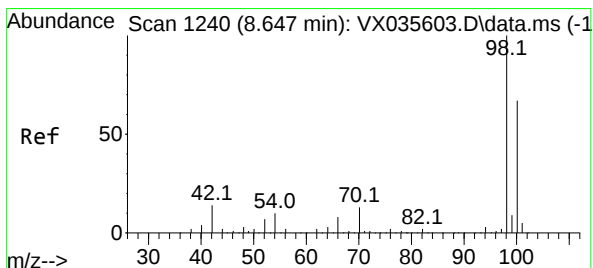
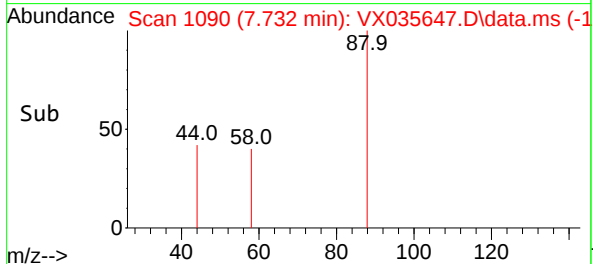
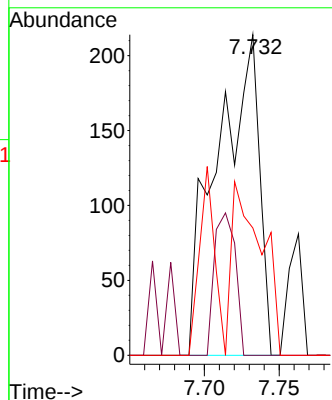
Tgt Ion: 88 Resp: 416

Ion Ratio Lower Upper

88 100

43 22.4 27.7 41.5#

58 38.9 56.8 85.2#



#50

Toluene-d8

Concen: 48.125 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035647.D

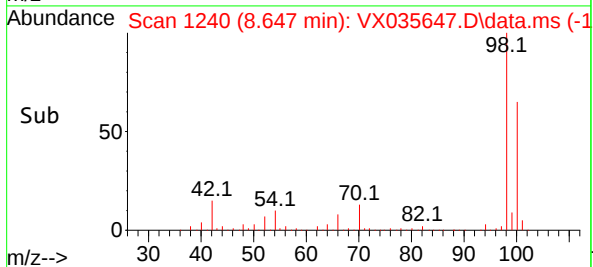
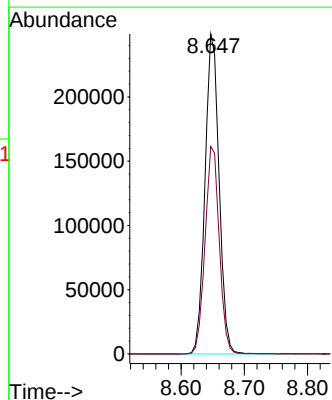
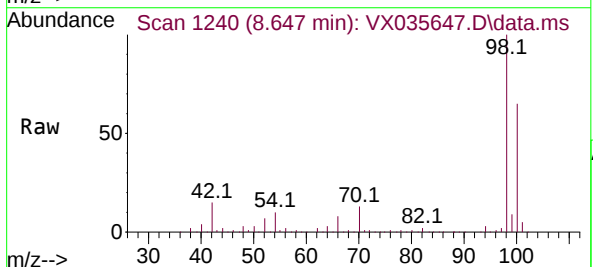
Acq: 12 May 2023 18:48

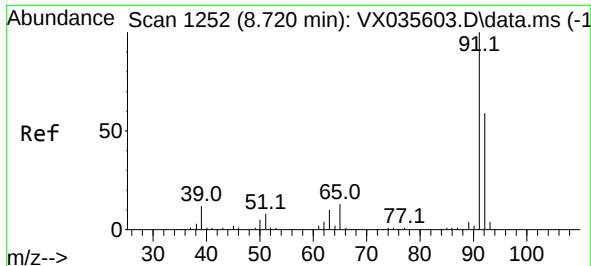
Tgt Ion: 98 Resp: 385419

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

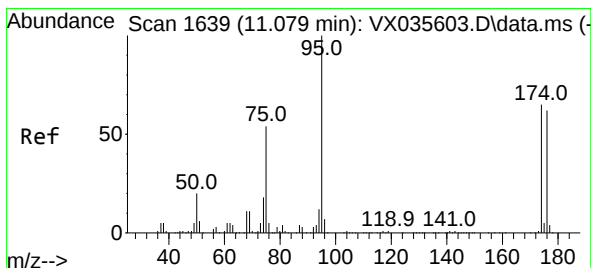
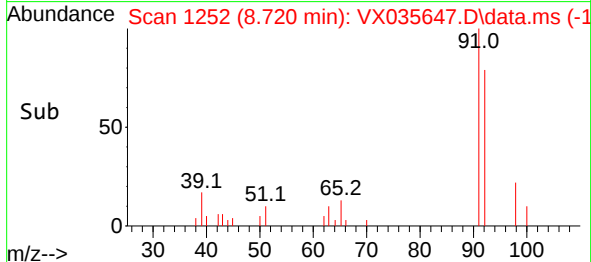
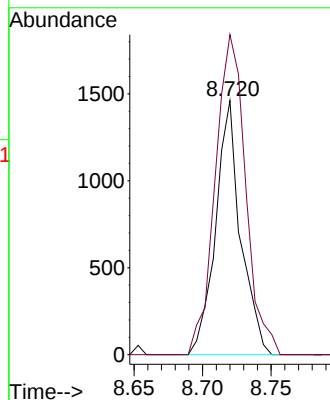
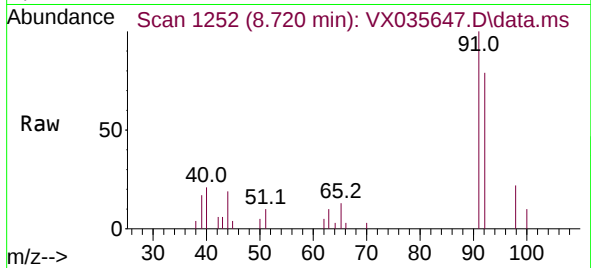




#52
Toluene
Concen: 0.306 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

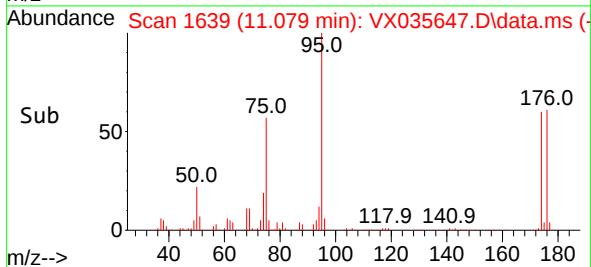
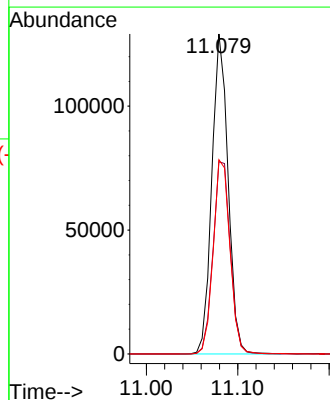
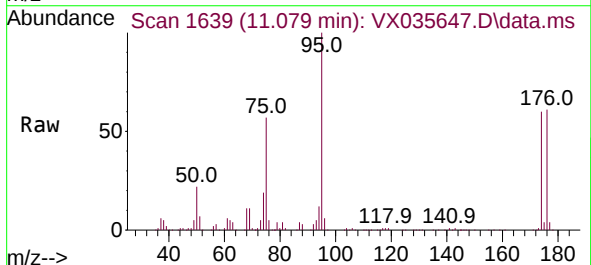
Instrument :
MSVOA_X
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

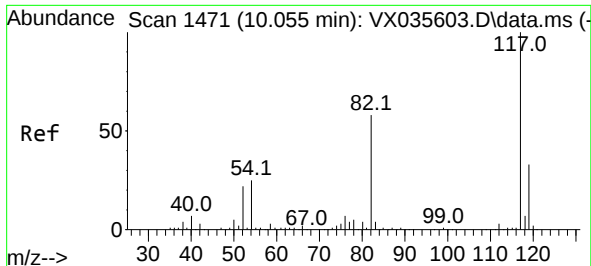
Tgt Ion: 92 Resp: 1851
Ion Ratio Lower Upper
92 100
91 153.5 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 49.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

Tgt Ion: 95 Resp: 158858
Ion Ratio Lower Upper
95 100
174 63.9 0.0 147.4
176 62.7 0.0 140.6

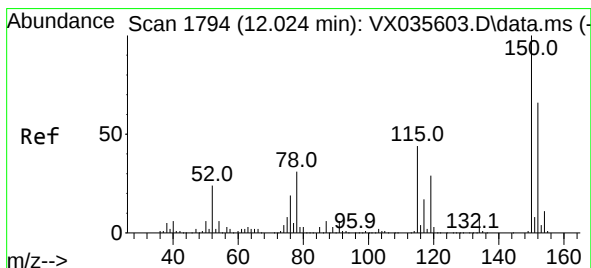
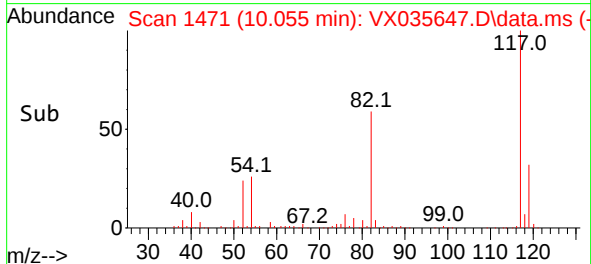
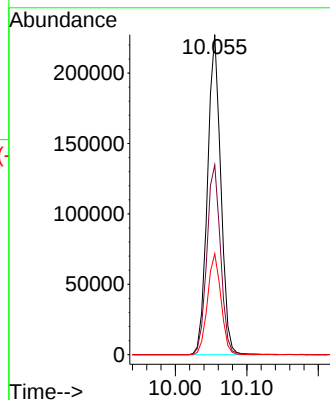
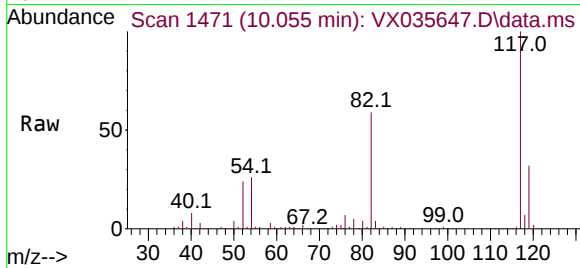




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

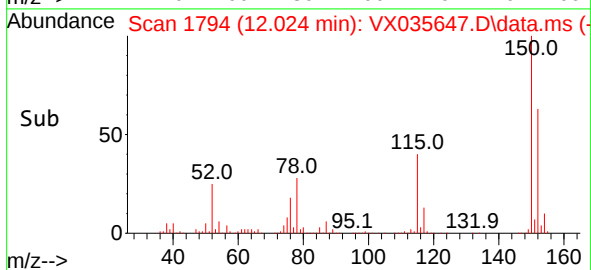
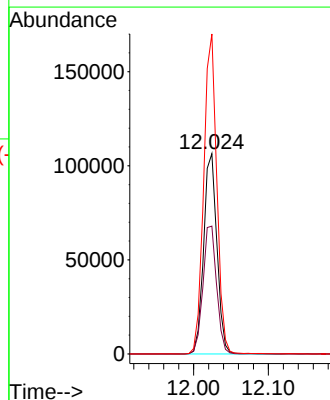
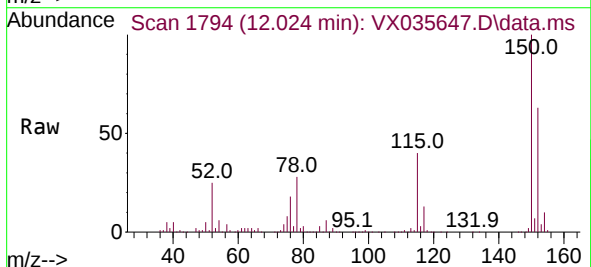
Instrument :
MSVOA_X
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

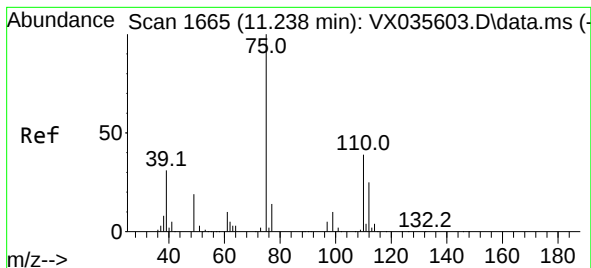
Tgt Ion:117 Resp: 293726
Ion Ratio Lower Upper
117 100
82 59.3 45.0 67.4
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

Tgt Ion:152 Resp: 131081
Ion Ratio Lower Upper
152 100
115 65.8 45.0 135.0
150 157.5 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 27.293 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035647.D

Acq: 12 May 2023 18:48

Instrument :

MSVOA_X

ClientSampleId :

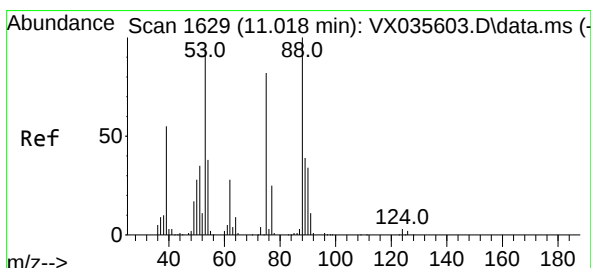
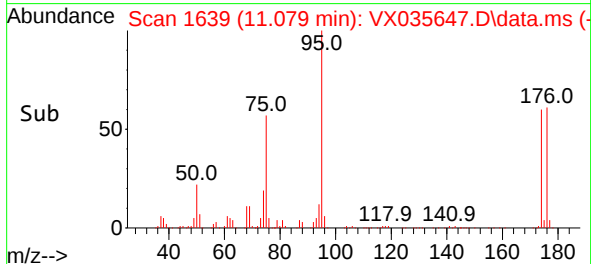
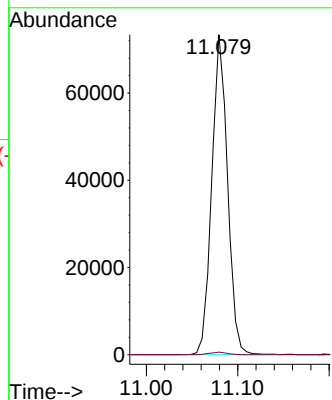
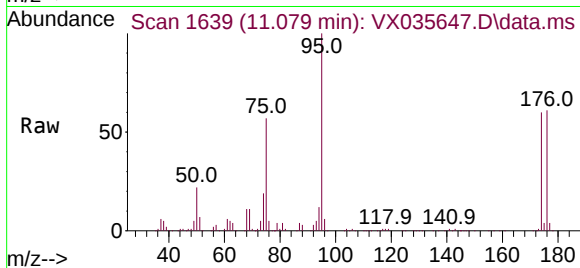
MGP-WASTE-WASTER-5/12/23

Tgt Ion: 75 Resp: 87509

Ion Ratio Lower Upper

75 100

77 0.9 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.961 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035647.D

Acq: 12 May 2023 18:48

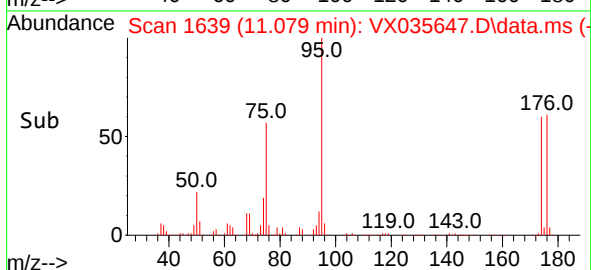
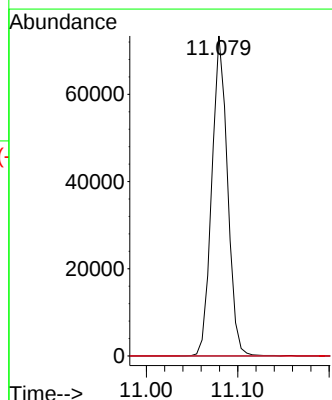
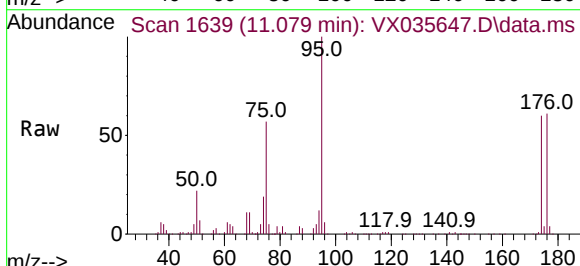
Tgt Ion: 75 Resp: 87509

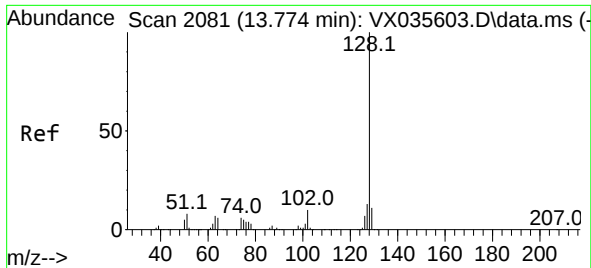
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

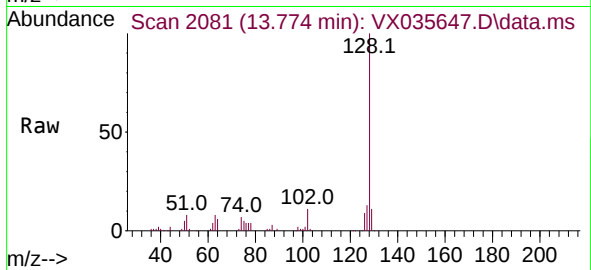
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.062 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035647.D
Acq: 12 May 2023 18:48

Instrument : MSVOA_X
ClientSampleId : MGP-WASTE-WASTER-5/12/23



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.6	13.0

