

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029962.D
 Acq On : 07 Jul 2022 18:01
 Operator : JC/MD
 Sample : N3617-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-07

Quant Time: Jul 08 05:35:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

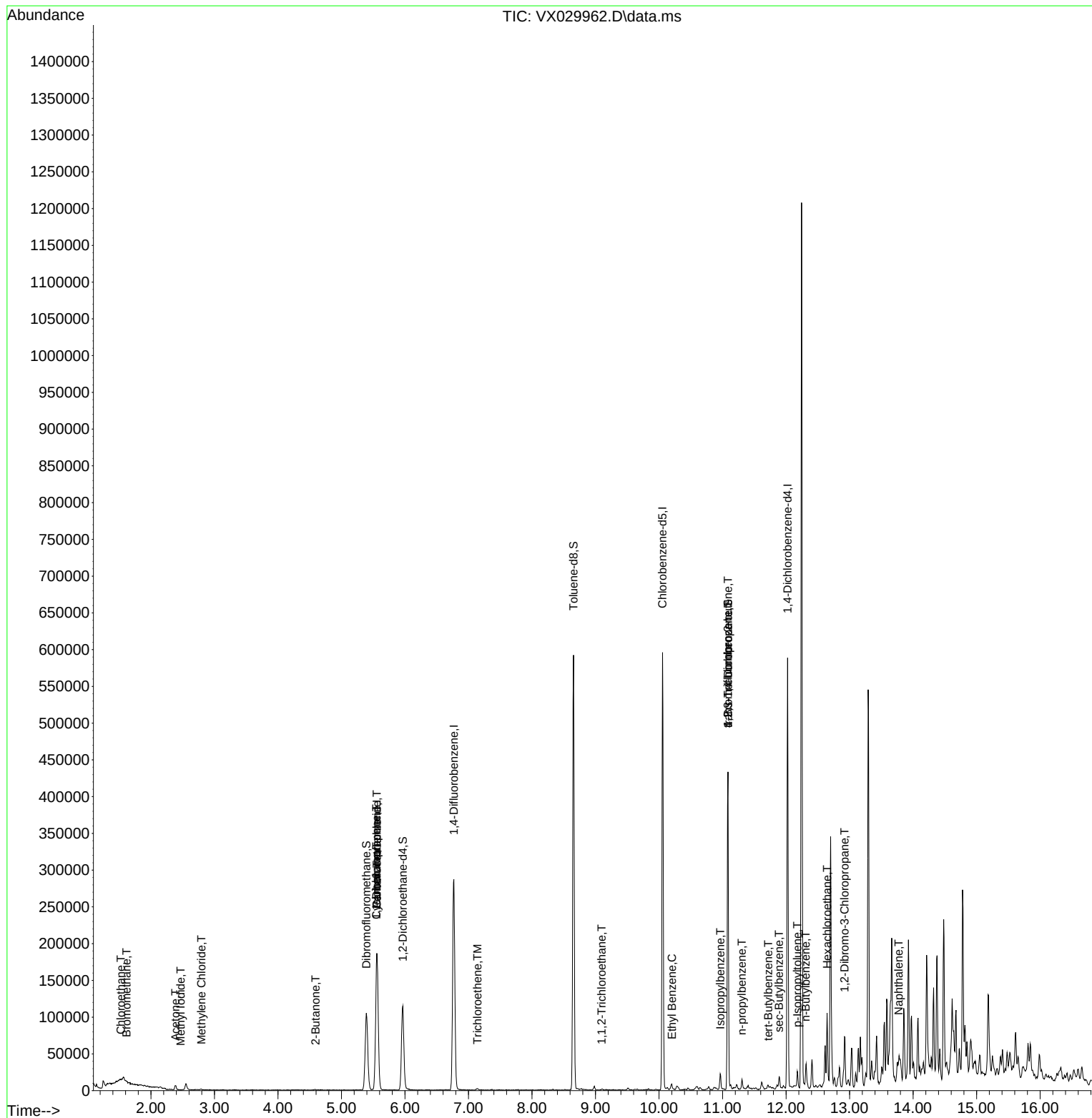
Internal Standards						
1) Pentafluorobenzene	5.556	168	185463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	316658	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102379	43.609	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.220%
35) Dibromofluoromethane	5.391	113	91579	46.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.653	98	359841	48.470	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.085	95	120009	45.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.460%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	292	0.256	ug/l #	2
6) Chloroethane	1.526	64	14559	10.802	ug/l #	46
10) Methyl Iodide	2.465	142	255	1.970	ug/l #	83
13) Acrolein	2.221	56	47	Below Cal	#	1
16) Acetone	2.386	43	6802	5.922	ug/l	98
20) Methylene Chloride	2.794	84	632	0.261	ug/l #	80
25) 2-Butanone	4.592	43	1011	0.507	ug/l #	68
31) Cyclohexane	5.550	56	3747	1.145	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13947	5.299	ug/l #	48
38) Carbon Tetrachloride	5.556	117	17571	7.704	ug/l #	20
44) Trichloroethene	7.141	130	811	0.354	ug/l	69
55) 1,1,2-Trichloroethane	9.098	97	633	0.283	ug/l #	15
67) Ethyl Benzene	10.201	91	4230	0.441	ug/l #	88
73) Isopropylbenzene	10.963	105	11068	1.300	ug/l	100
76) 1,2,3-Trichloropropane	11.085	75	54796	19.450	ug/l #	38
78) n-propylbenzene	11.305	91	7933	0.790	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	54796	61.768	ug/l #	13
83) tert-Butylbenzene	11.719	119	1588	0.227	ug/l	79
85) sec-Butylbenzene	11.890	105	7873	0.892	ug/l #	77
86) p-Isopropyltoluene	12.176	119	9507	1.349	ug/l	95
89) n-Butylbenzene	12.311	91	2764	0.417	ug/l #	22
90) Hexachloroethane	12.646	117	33398	29.054	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	12.920	75	393	0.561	ug/l #	1
95) Naphthalene	13.774	128	21225	2.233	ug/l #	88

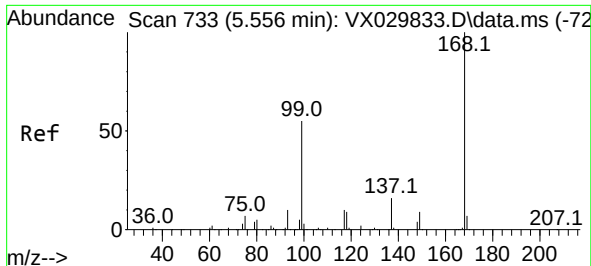
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
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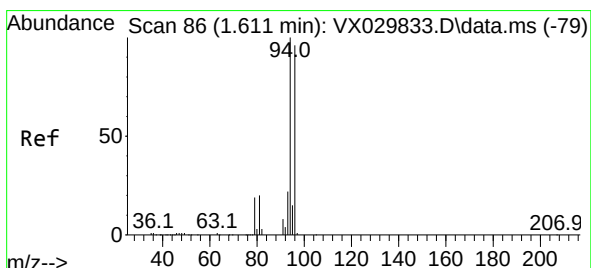
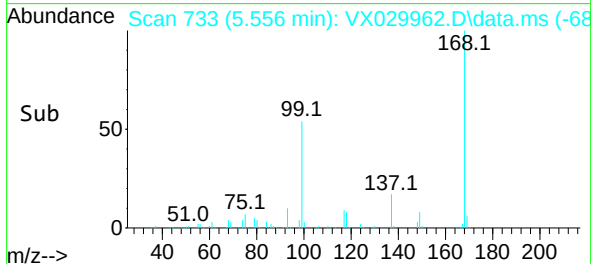
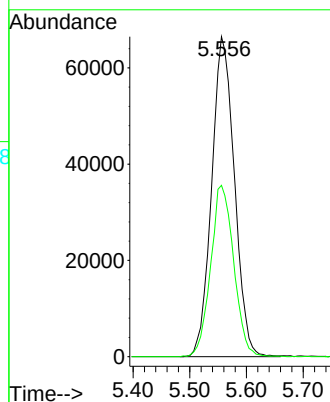
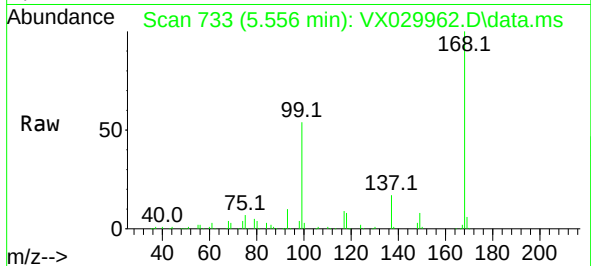




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

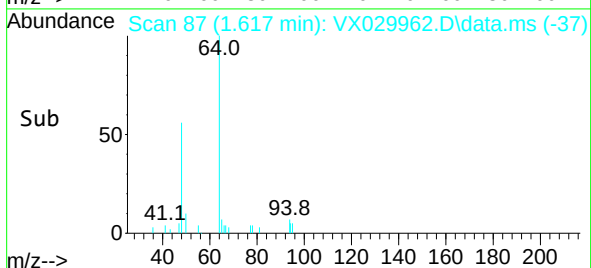
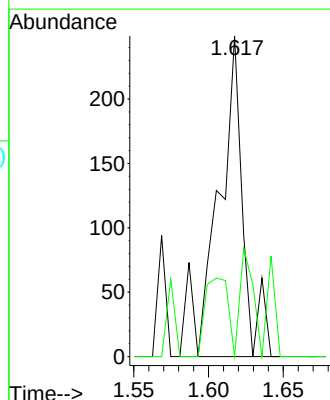
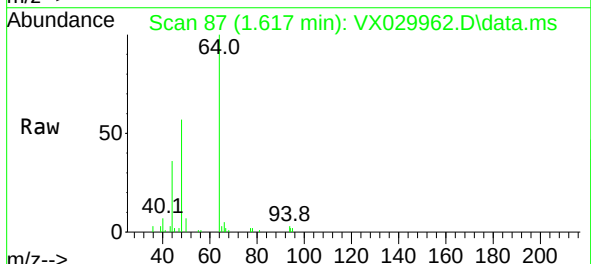
Instrument :
MSVOA_X
ClientSampleId :
MW-07

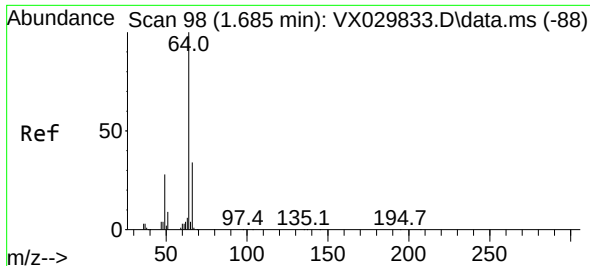
Tgt Ion:168 Resp: 185463
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#5
Bromomethane
Concen: 0.256 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

Tgt Ion: 94 Resp: 292
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#

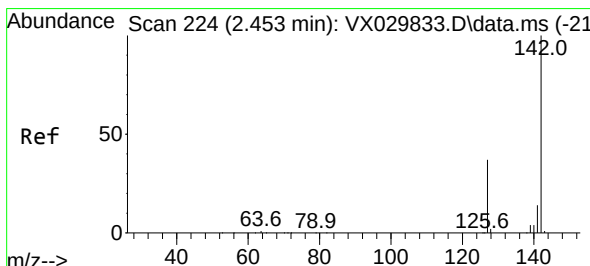
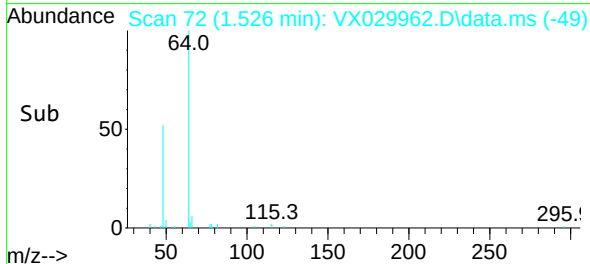
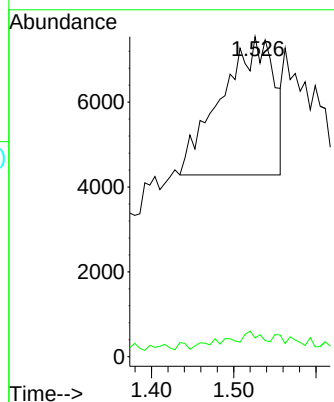
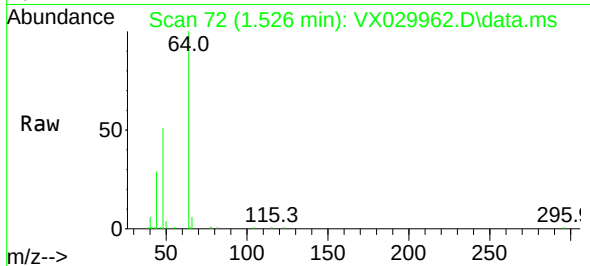




#6
Chloroethane
Concen: 10.802 ug/l
RT: 1.526 min Scan# 71
Delta R.T. -0.159 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

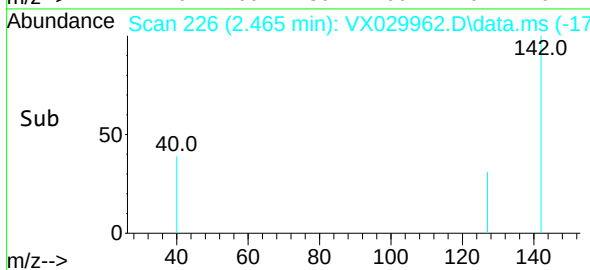
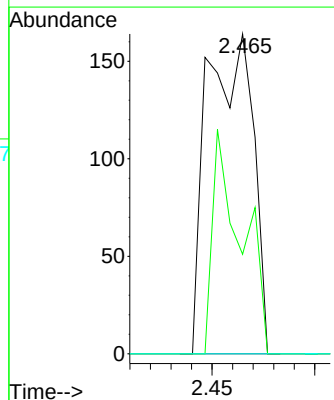
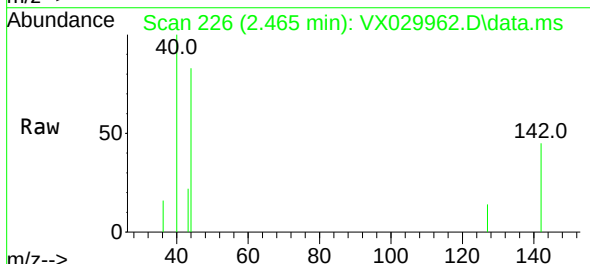
Instrument :
MSVOA_X
ClientSampleId :
MW-07

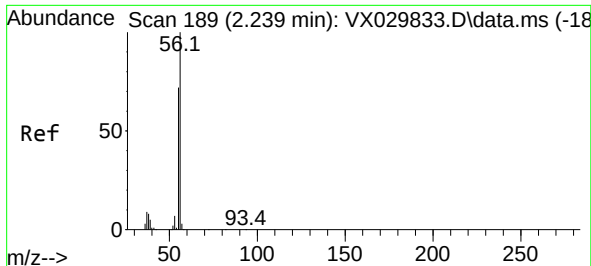
Tgt Ion: 64 Resp: 14559
Ion Ratio Lower Upper
64 100
66 3.3 27.2 40.8#



#10
Methyl Iodide
Concen: 1.970 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

Tgt Ion: 142 Resp: 255
Ion Ratio Lower Upper
142 100
127 44.3 30.2 45.2
141 0.0 11.3 16.9#

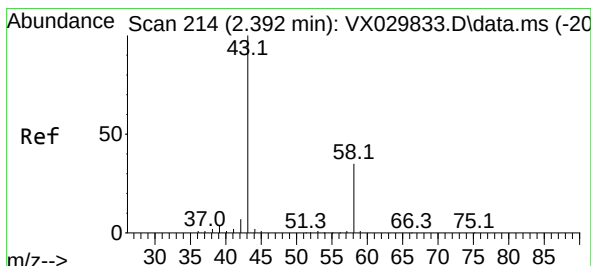
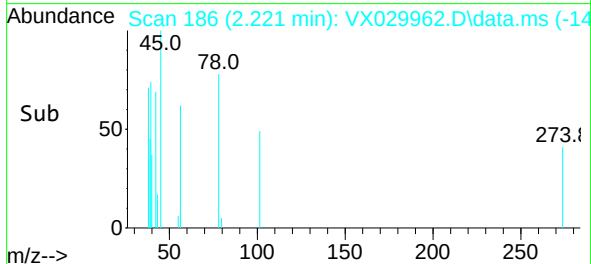
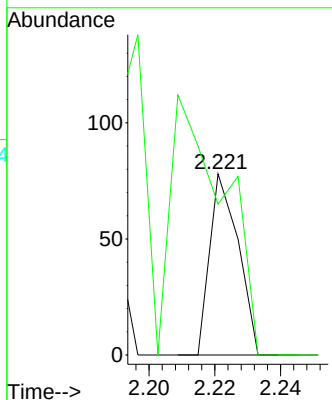
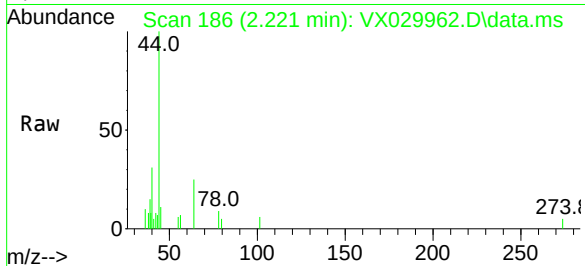




#13
Acrolein
Concen: Below Cal
RT: 2.221 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

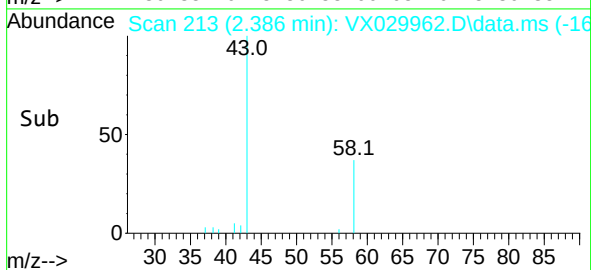
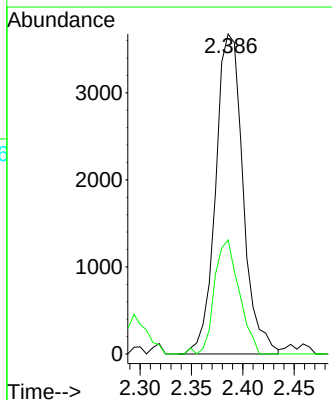
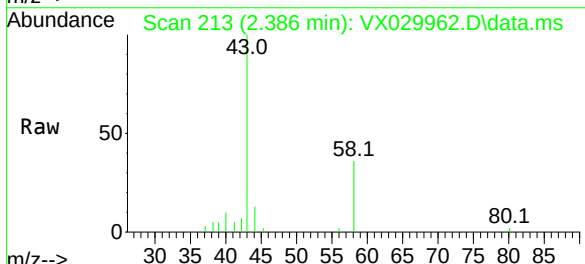
Instrument :
MSVOA_X
ClientSampleId :
MW-07

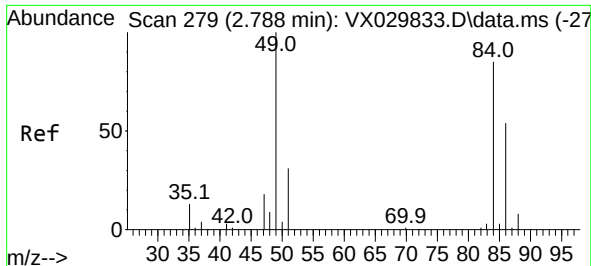
Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 268.1 56.6 84.8#



#16
Acetone
Concen: 5.922 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

Tgt Ion: 43 Resp: 6802
Ion Ratio Lower Upper
43 100
58 35.7 27.7 41.5



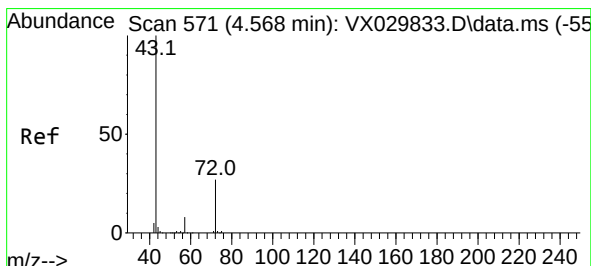
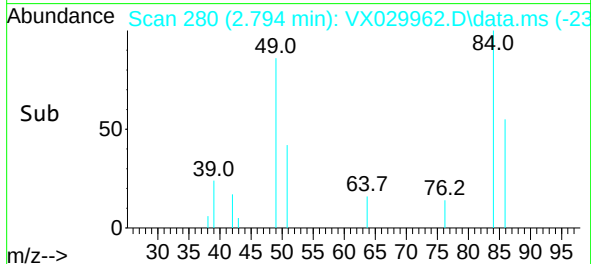
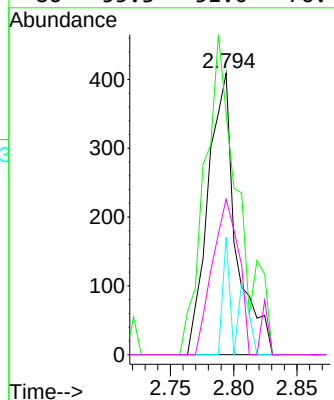
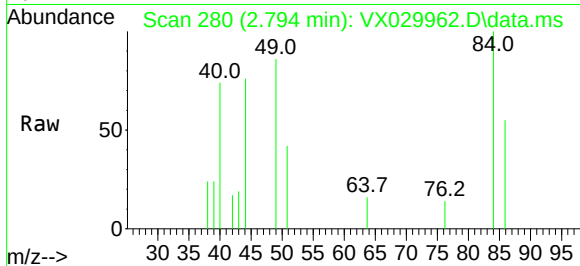


#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

Instrument :
MSVOA_X
ClientSampleId :
MW-07

Tgt Ion: 84 Resp: 632

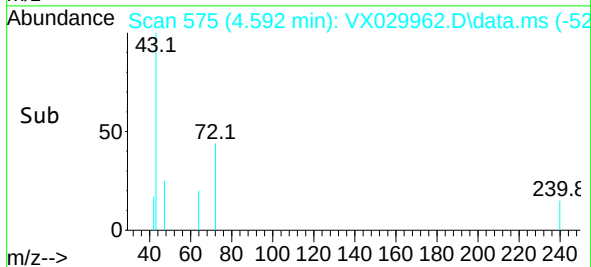
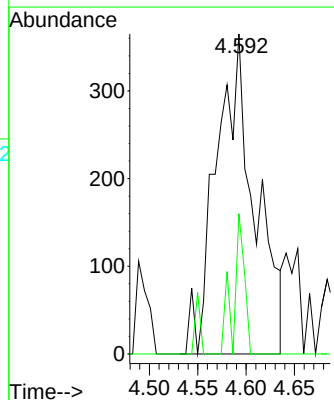
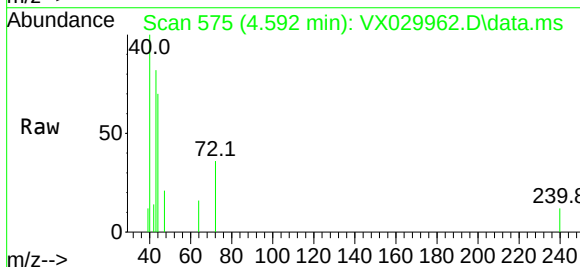
Ion	Ratio	Lower	Upper
84	100		
49	85.8	93.8	140.6#
51	41.8	29.4	44.0
86	55.3	51.0	76.4

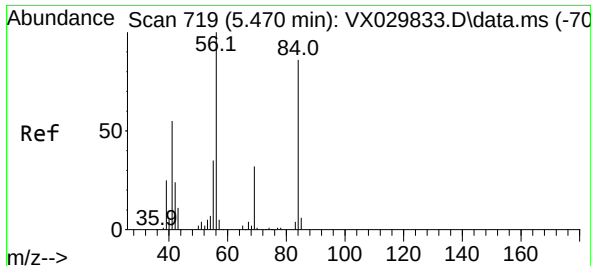


#25
2-Butanone
Concen: 0.507 ug/l
RT: 4.592 min Scan# 575
Delta R.T. 0.024 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

Tgt Ion: 43 Resp: 1011

Ion	Ratio	Lower	Upper
43	100		
72	43.8	21.7	32.5#

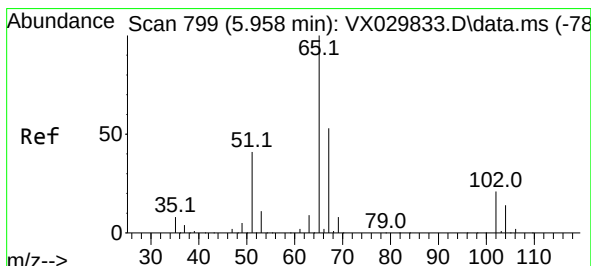
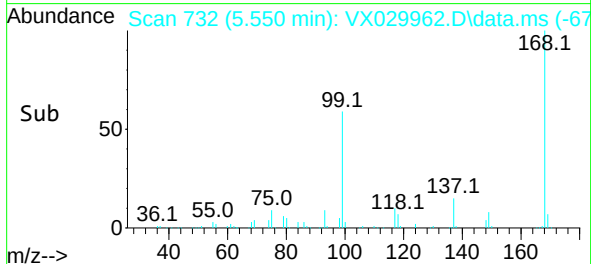
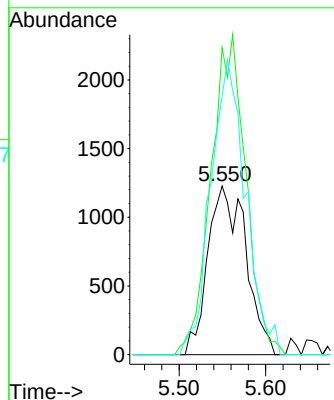
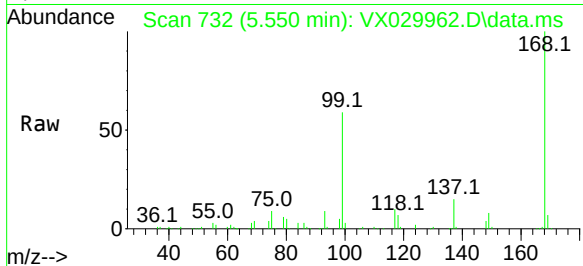




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

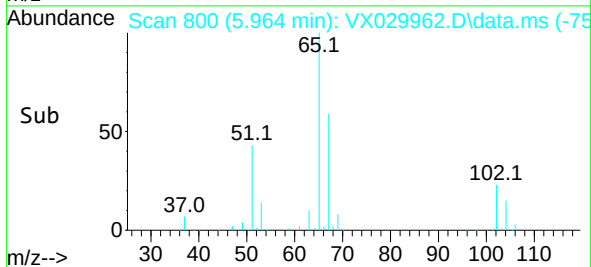
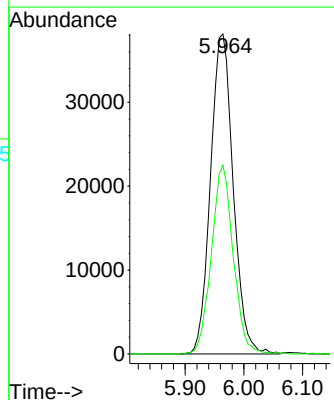
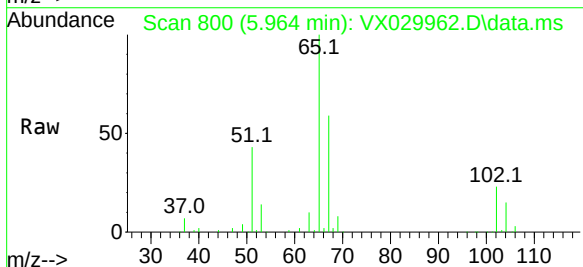
Instrument :
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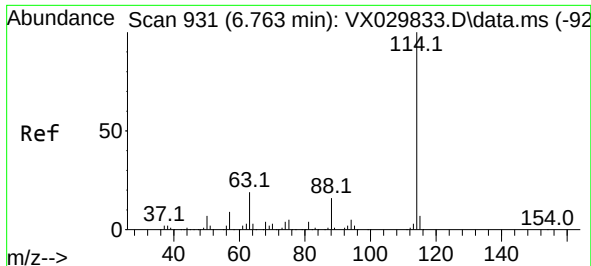
Tgt Ion: 56 Resp: 3747
Ion Ratio Lower Upper
56 100
69 177.6 25.4 38.0#
84 153.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 43.609 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

Tgt Ion: 65 Resp: 102379
Ion Ratio Lower Upper
65 100
67 56.7 0.0 109.6

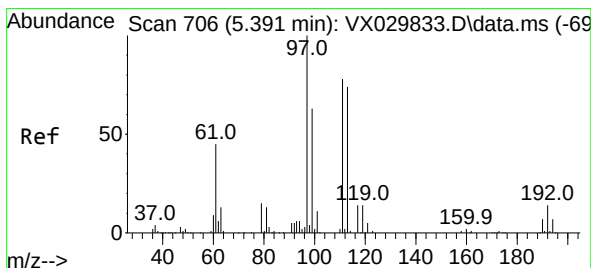
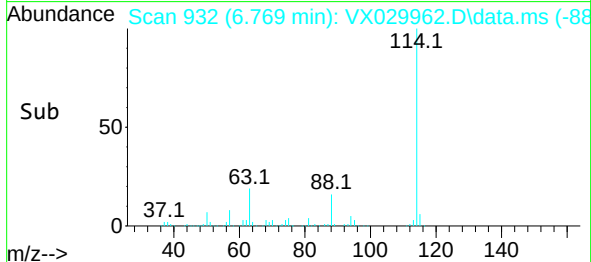
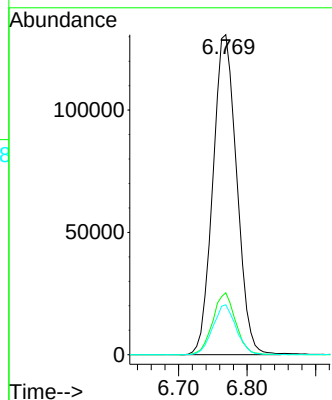
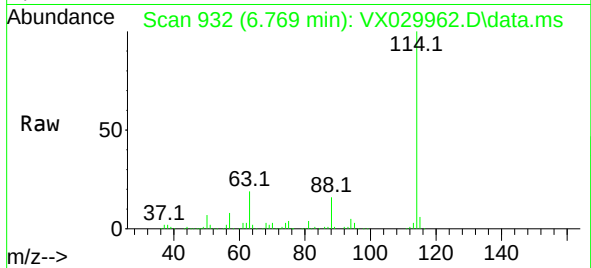




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

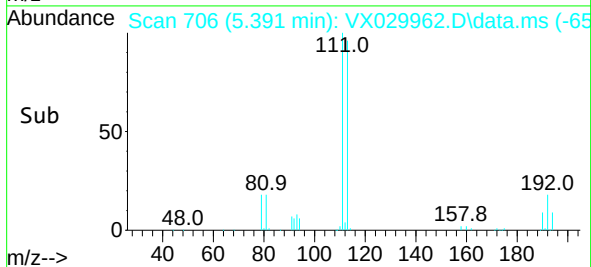
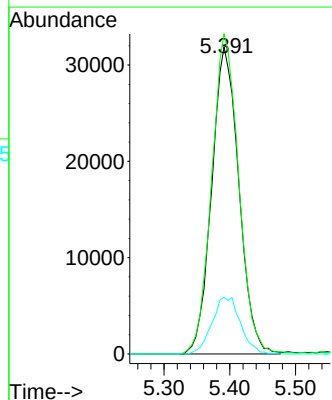
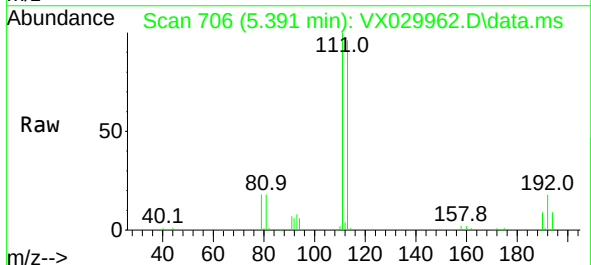
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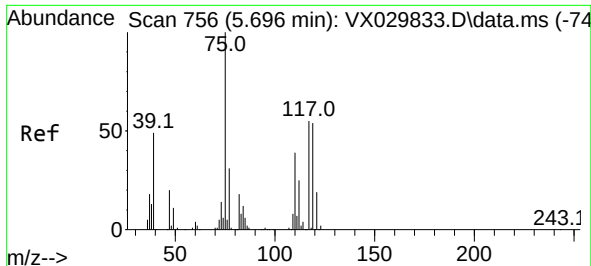
Tgt Ion:114 Resp: 316658
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.4
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.277 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

Tgt Ion:113 Resp: 91579
Ion Ratio Lower Upper
113 100
111 104.1 83.2 124.8
192 19.4 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.299 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX029962.D

Acq: 07 Jul 2022 18:01

Instrument :

MSVOA_X

ClientSampleId :

MW-07

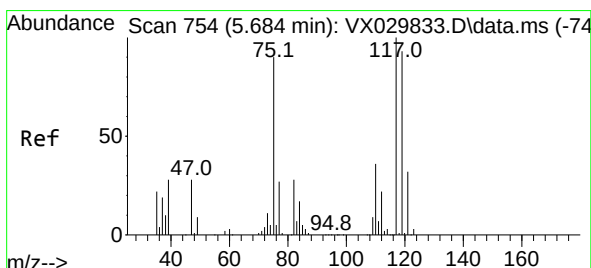
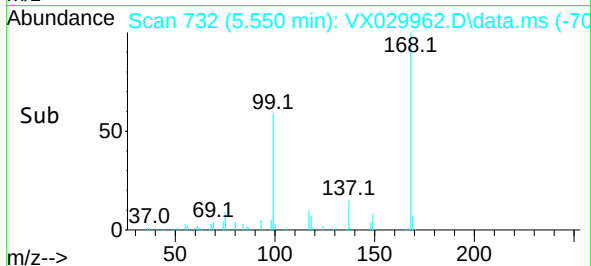
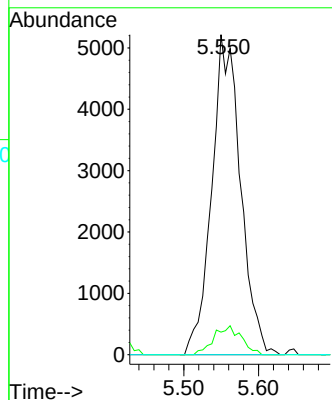
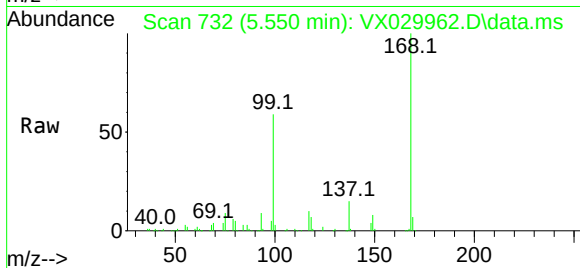
Tgt Ion: 75 Resp: 13947

Ion Ratio Lower Upper

75 100

110 8.6 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.704 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029962.D

Acq: 07 Jul 2022 18:01

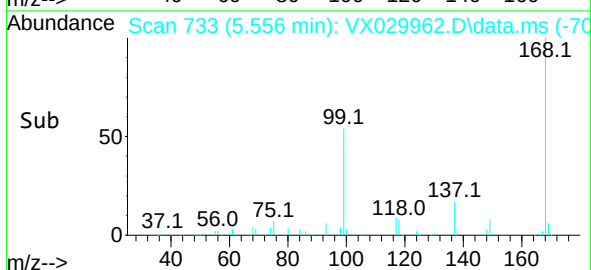
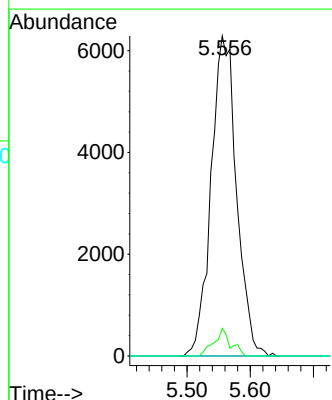
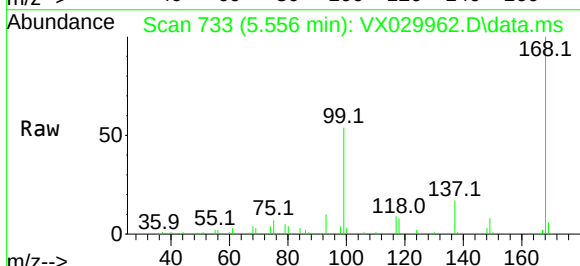
Tgt Ion: 117 Resp: 17571

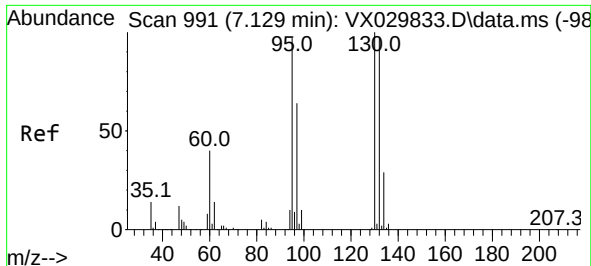
Ion Ratio Lower Upper

117 100

119 8.6 74.1 111.1#

121 0.0 25.8 38.8#

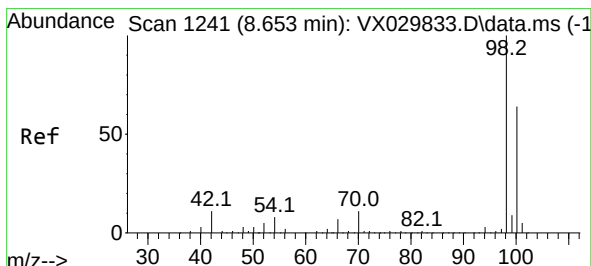
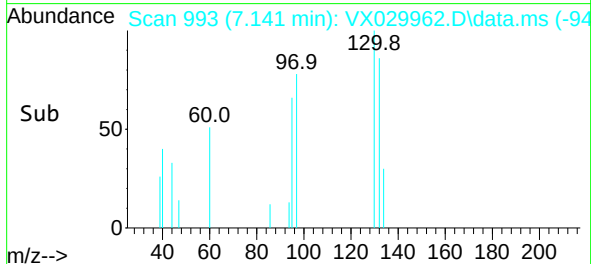
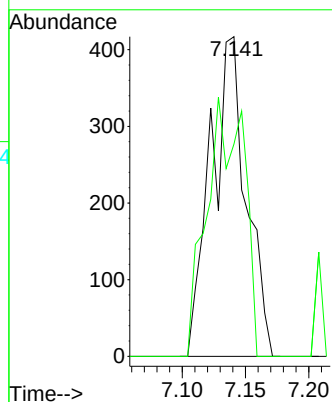
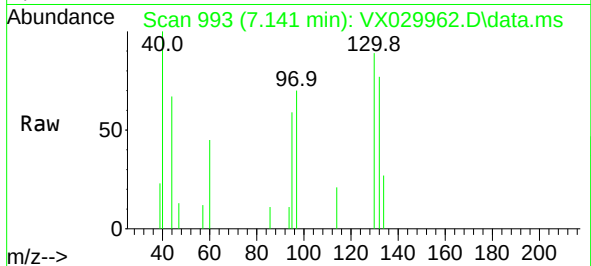




#44
 Trichloroethene
 Concen: 0.354 ug/l
 RT: 7.141 min Scan# 991
 Delta R.T. 0.012 min
 Lab File: VX029962.D
 Acq: 07 Jul 2022 18:01

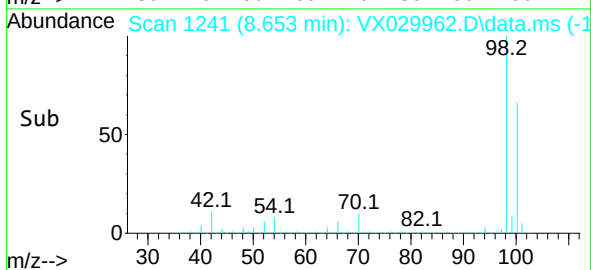
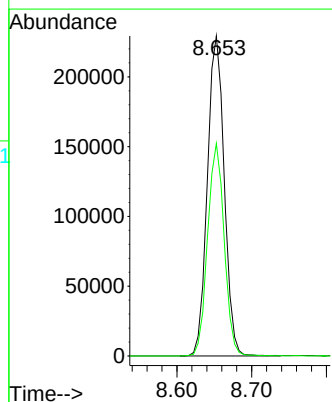
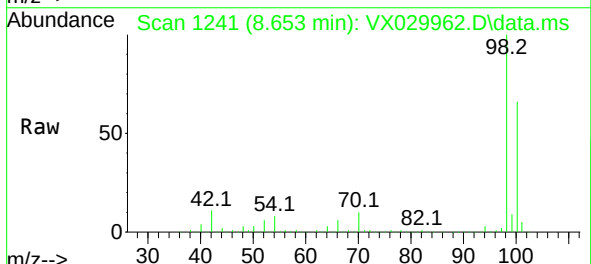
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-07

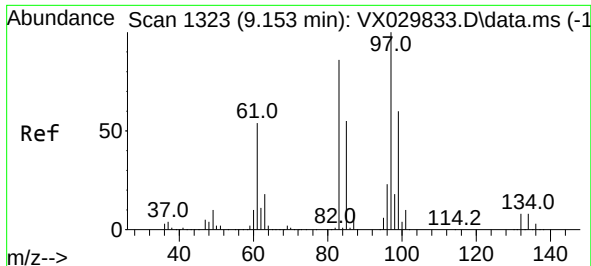
Tgt Ion:130 Resp: 811
 Ion Ratio Lower Upper
 130 100
 95 66.4 0.0 194.8



#50
 Toluene-d8
 Concen: 48.470 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX029962.D
 Acq: 07 Jul 2022 18:01

Tgt Ion: 98 Resp: 359841
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.3 78.5





#55

1,1,2-Trichloroethane

Concen: 0.283 ug/l

RT: 9.098 min Scan# 1

Delta R.T. -0.055 min

Lab File: VX029962.D

Acq: 07 Jul 2022 18:01

Instrument :

MSVOA_X

ClientSampleId :

MW-07

Tgt Ion: 97 Resp: 633

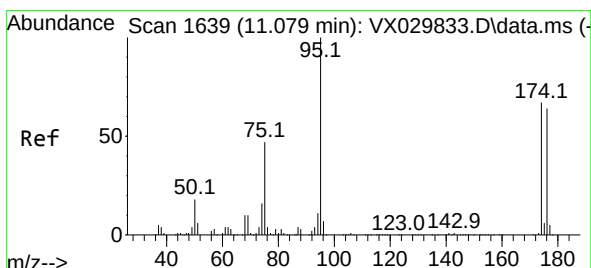
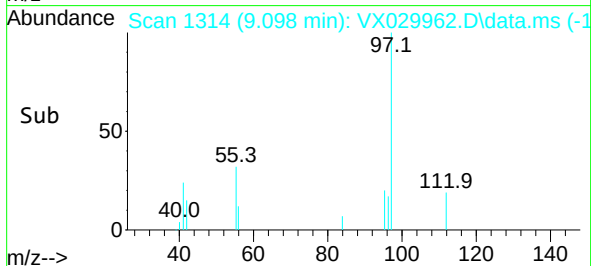
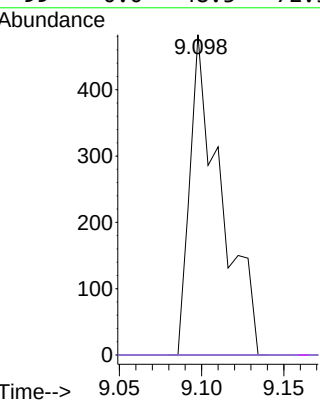
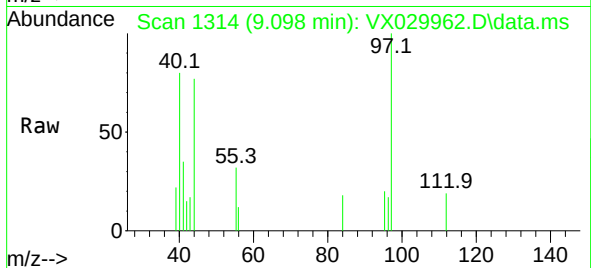
Ion Ratio Lower Upper

97 100

83 0.0 68.9 103.3#

85 0.0 44.0 66.0#

99 0.0 48.3 72.5#



#62

4-Bromofluorobenzene

Concen: 45.731 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX029962.D

Acq: 07 Jul 2022 18:01

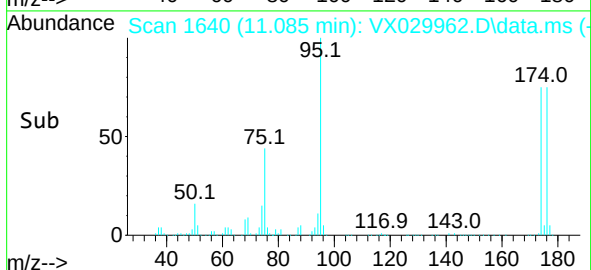
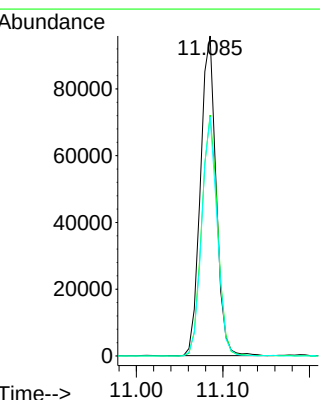
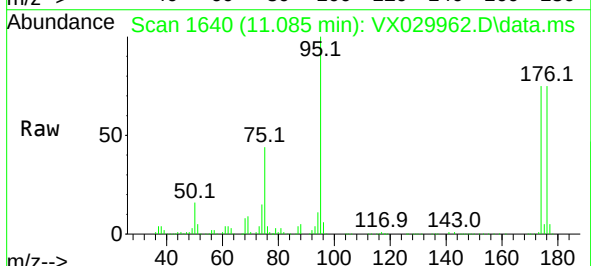
Tgt Ion: 95 Resp: 120009

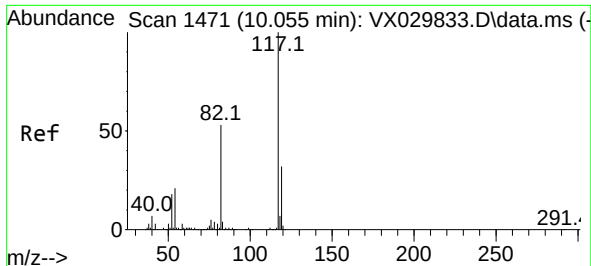
Ion Ratio Lower Upper

95 100

174 76.8 0.0 149.0

176 74.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029962.D

Acq: 07 Jul 2022 18:01

Instrument :

MSVOA_X

ClientSampleId :

MW-07

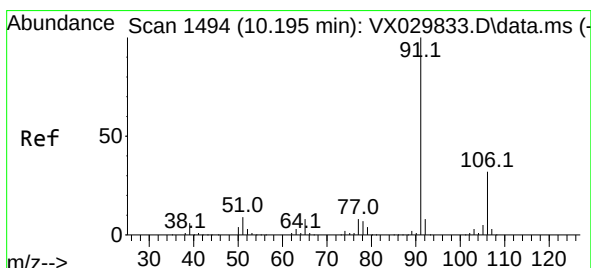
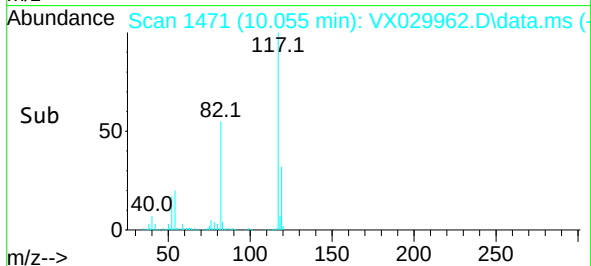
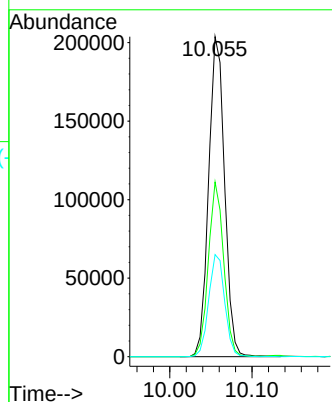
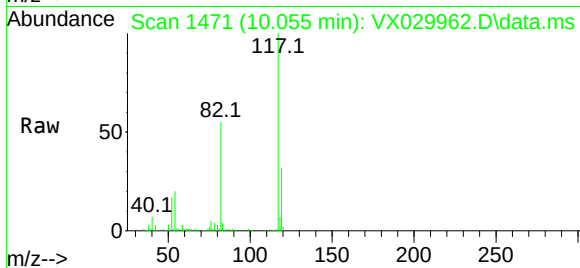
Tgt Ion:117 Resp: 274525

Ion Ratio Lower Upper

117 100

82 54.6 42.7 64.1

119 31.9 25.4 38.2



#67

Ethyl Benzene

Concen: 0.441 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX029962.D

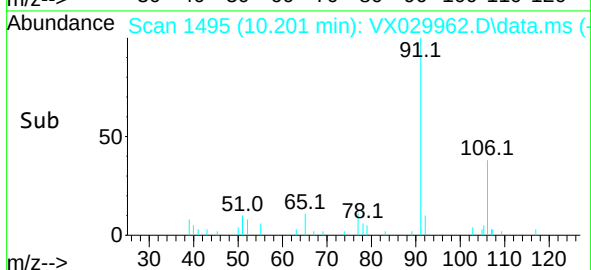
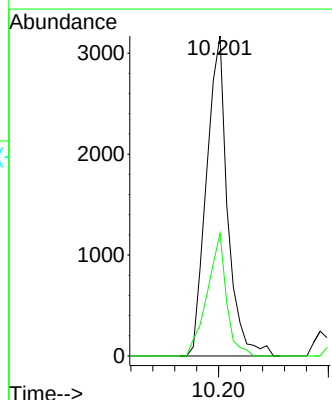
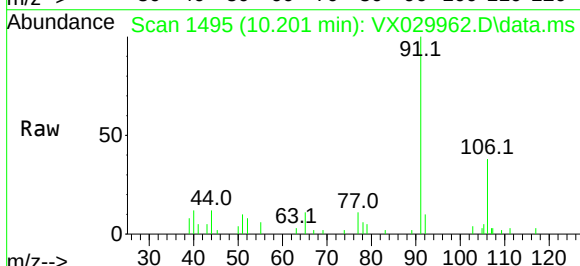
Acq: 07 Jul 2022 18:01

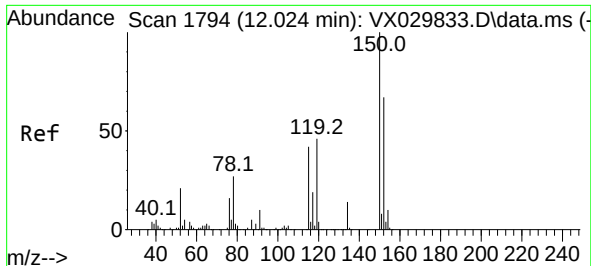
Tgt Ion: 91 Resp: 4230

Ion Ratio Lower Upper

91 100

106 38.3 25.5 38.3#

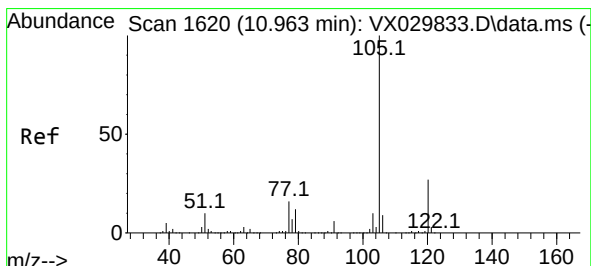
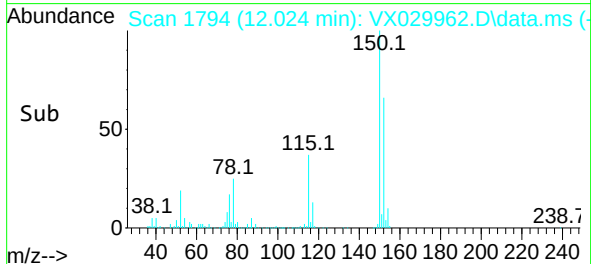
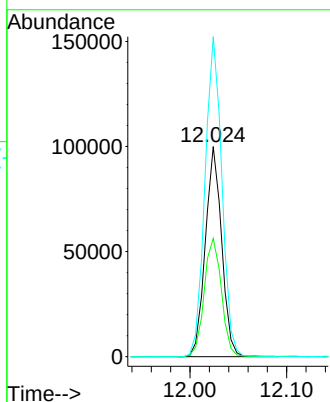
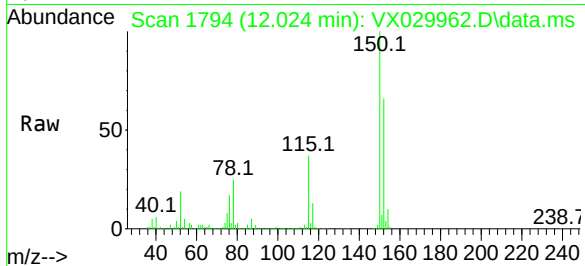




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

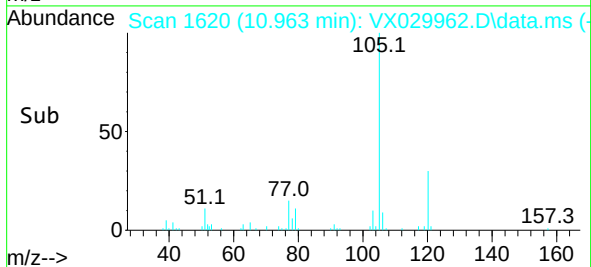
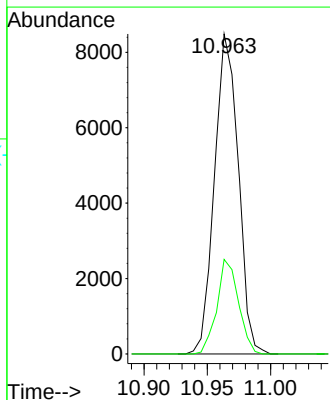
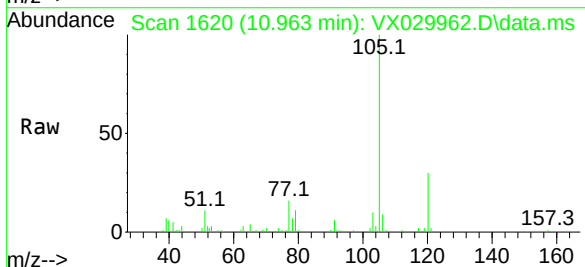
Instrument :
MSVOA_X
ClientSampleId :
MW-07

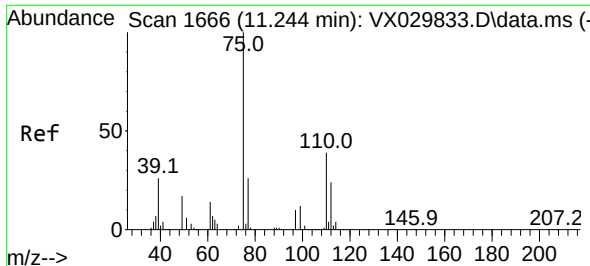
Tgt Ion:152 Resp: 117688
Ion Ratio Lower Upper
152 100
115 59.3 40.5 121.5
150 157.1 0.0 347.0



#73
Isopropylbenzene
Concen: 1.300 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

Tgt Ion:105 Resp: 11068
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

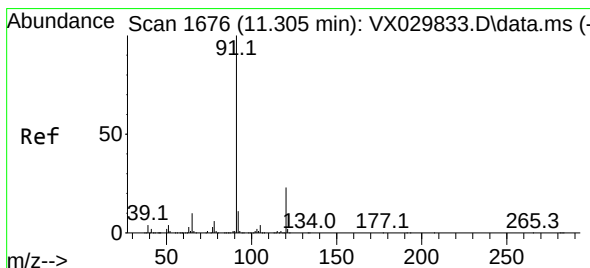
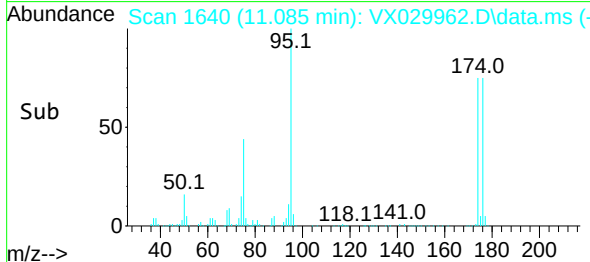
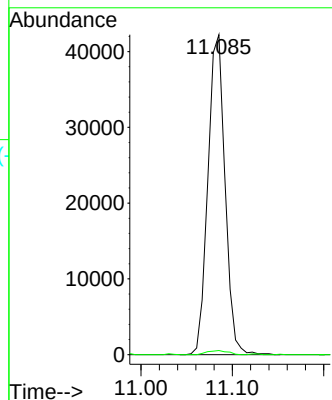
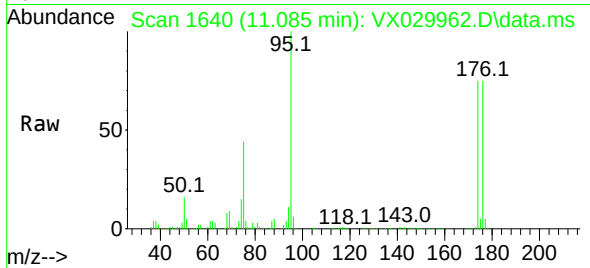




#76
1,2,3-Trichloropropane
Concen: 19.450 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

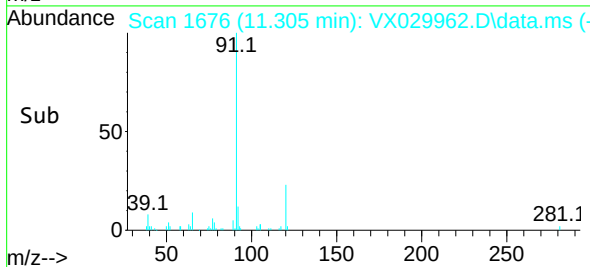
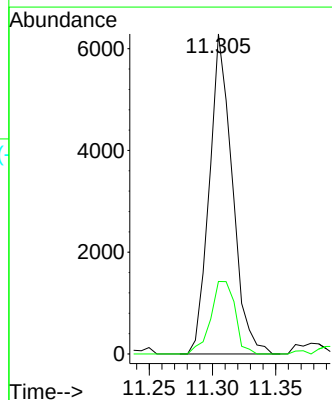
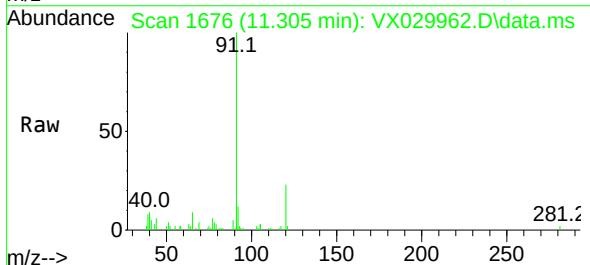
Instrument :
MSVOA_X
ClientSampleId :
MW-07

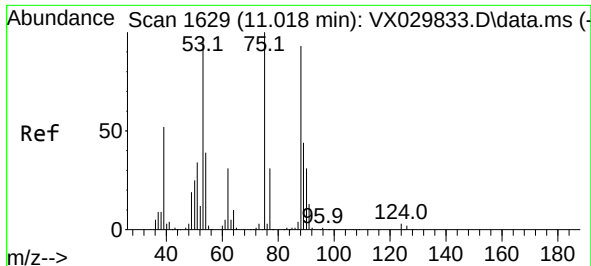
Tgt Ion: 75 Resp: 54796
Ion Ratio Lower Upper
75 100
77 1.6 19.8 59.3#



#78
n-propylbenzene
Concen: 0.790 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

Tgt Ion: 91 Resp: 7933
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.8

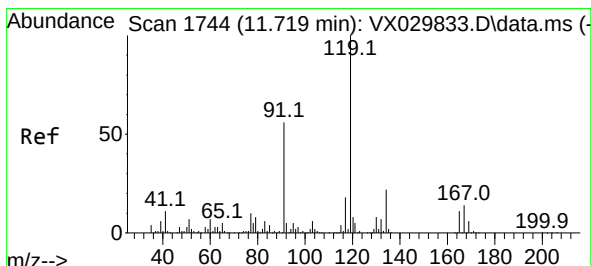
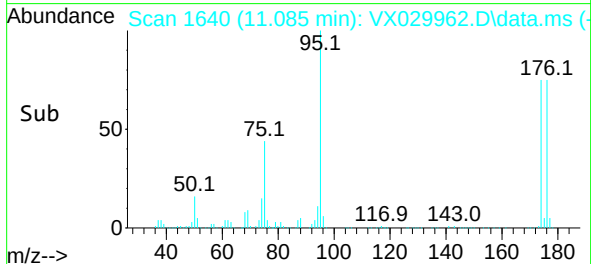
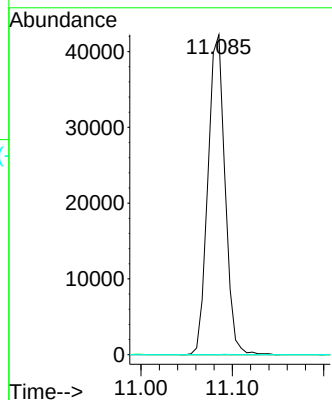
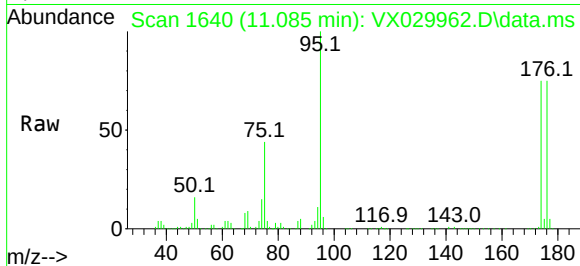




#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.768 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX029962.D
 Acq: 07 Jul 2022 18:01

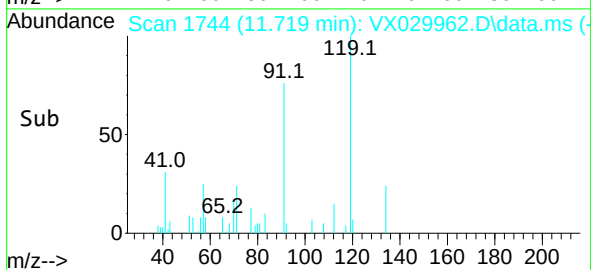
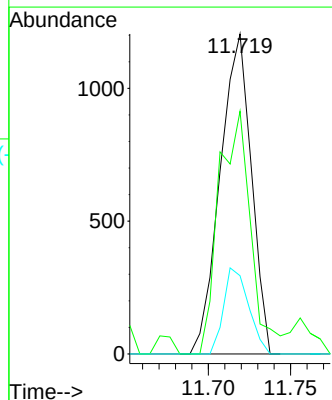
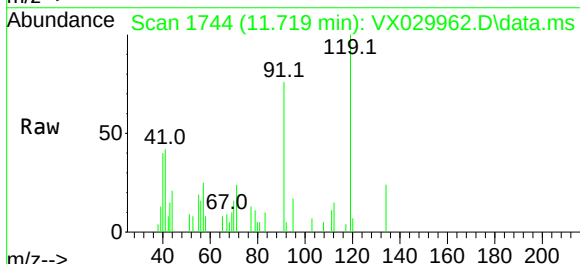
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-07

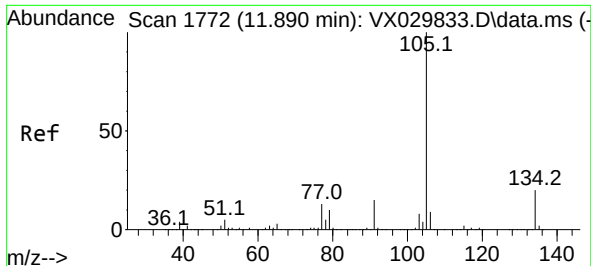
Tgt Ion: 75 Resp: 54796
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#



#83
 tert-Butylbenzene
 Concen: 0.227 ug/l
 RT: 11.719 min Scan# 1744
 Delta R.T. -0.000 min
 Lab File: VX029962.D
 Acq: 07 Jul 2022 18:01

Tgt Ion: 119 Resp: 1588
 Ion Ratio Lower Upper
 119 100
 91 77.7 28.3 84.9
 134 21.6 11.2 33.5

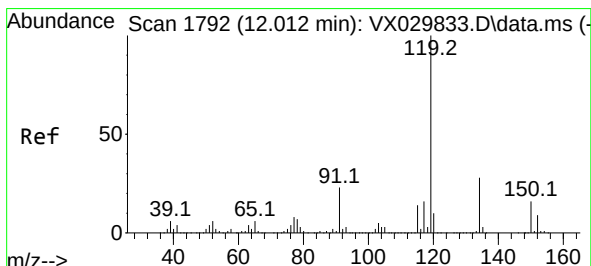
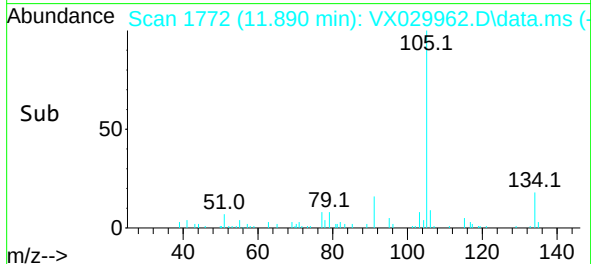
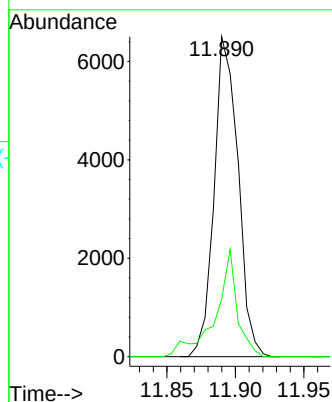
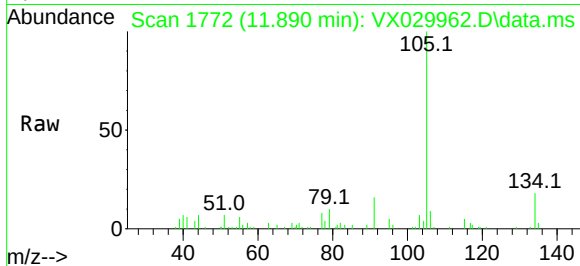




#85
 sec-Butylbenzene
 Concen: 0.892 ug/l
 RT: 11.890 min Scan# 1181
 Delta R.T. -0.000 min
 Lab File: VX029962.D
 Acq: 07 Jul 2022 18:01

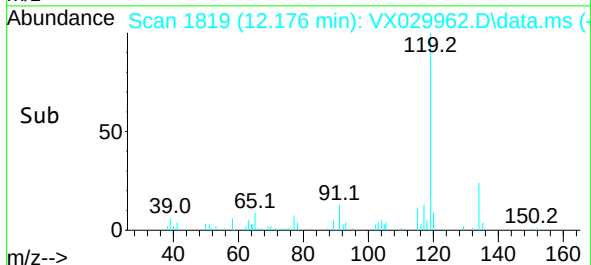
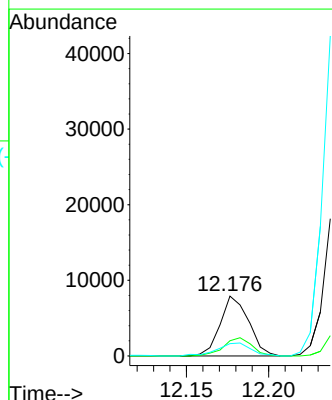
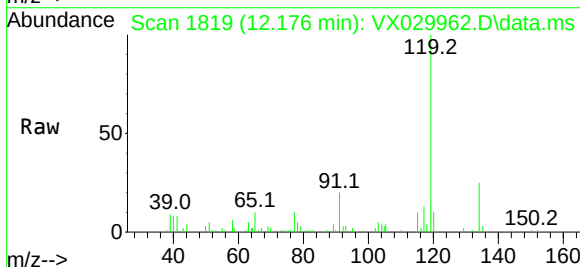
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-07

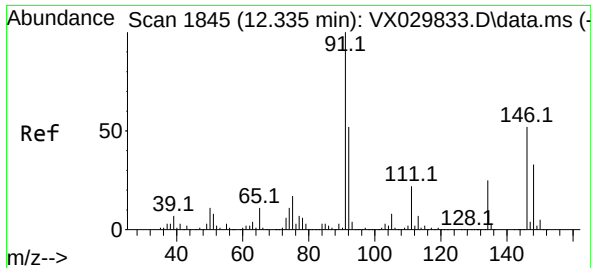
Tgt Ion:105 Resp: 7873
 Ion Ratio Lower Upper
 105 100
 134 30.6 10.0 30.0#



#86
 p-Isopropyltoluene
 Concen: 1.349 ug/l
 RT: 12.176 min Scan# 1819
 Delta R.T. 0.165 min
 Lab File: VX029962.D
 Acq: 07 Jul 2022 18:01

Tgt Ion:119 Resp: 9507
 Ion Ratio Lower Upper
 119 100
 134 30.2 13.9 41.6
 91 25.6 11.8 35.3





#89

n-Butylbenzene

Concen: 0.417 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.024 min

Lab File: VX029962.D

Acq: 07 Jul 2022 18:01

Instrument :

MSVOA_X

ClientSampleId :

MW-07

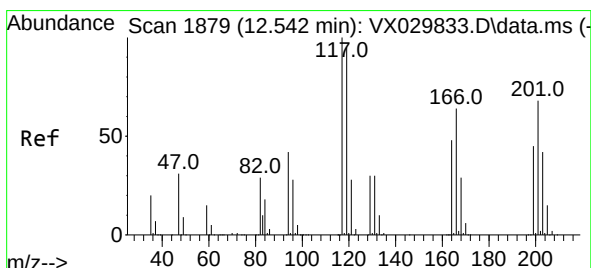
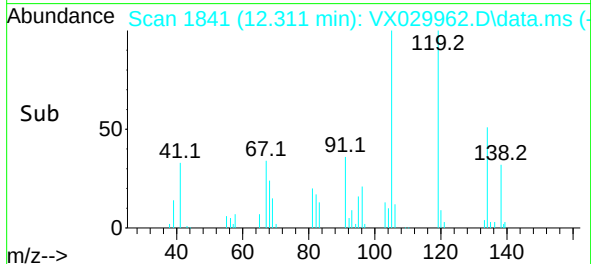
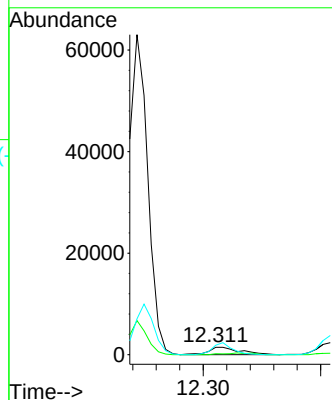
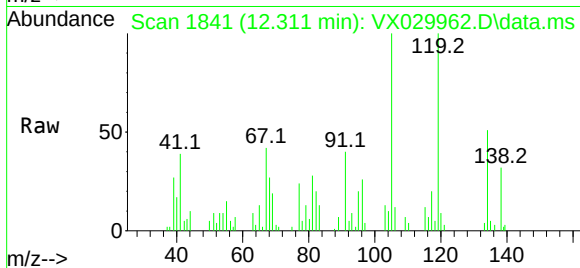
Tgt Ion: 91 Resp: 2764

Ion Ratio Lower Upper

91 100

92 20.5 26.2 78.5#

134 99.4 12.6 37.8#



#90

Hexachloroethane

Concen: 29.054 ug/l

RT: 12.646 min Scan# 1896

Delta R.T. 0.104 min

Lab File: VX029962.D

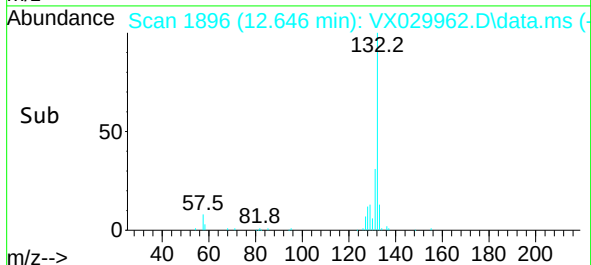
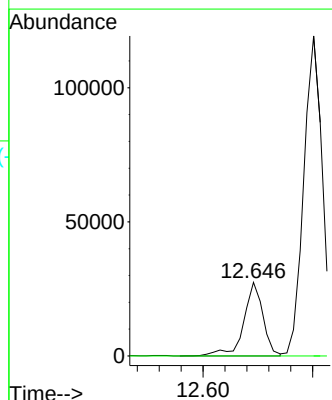
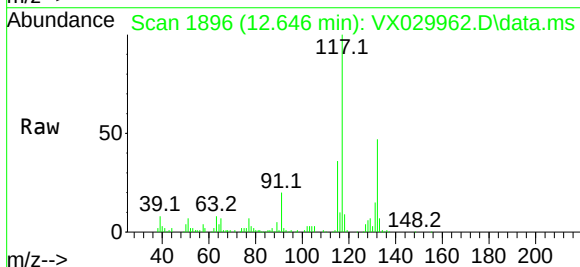
Acq: 07 Jul 2022 18:01

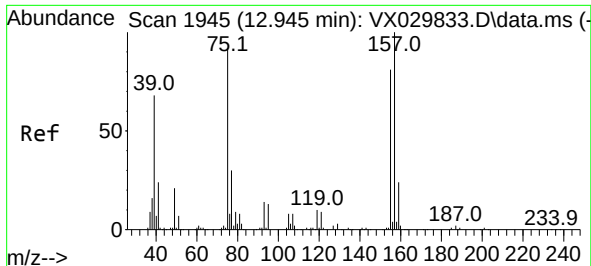
Tgt Ion:117 Resp: 33398

Ion Ratio Lower Upper

117 100

201 0.0 34.2 102.5#

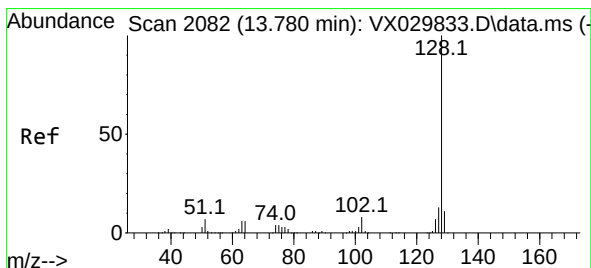
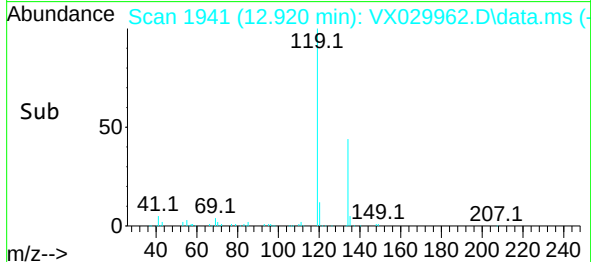
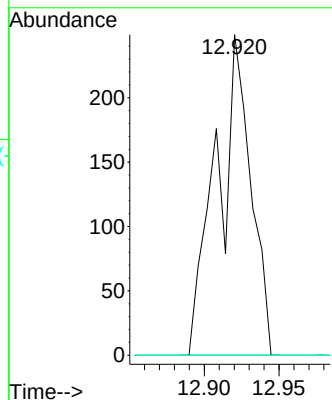
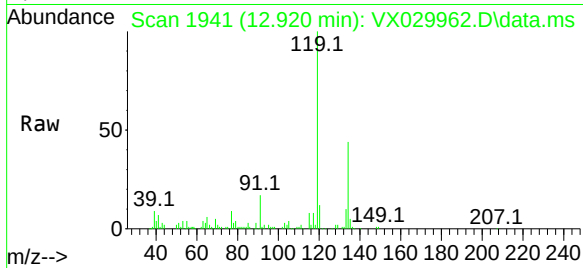




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.561 ug/l
RT: 12.920 min Scan# 1945
Delta R.T. -0.024 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

Instrument :
MSVOA_X
ClientSampleId :
MW-07

Tgt Ion: 75 Resp: 393
Ion Ratio Lower Upper
75 100
155 0.0 45.0 134.8#
157 0.0 56.9 170.7#



#95
Naphthalene
Concen: 2.233 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX029962.D
Acq: 07 Jul 2022 18:01

Tgt Ion: 128 Resp: 21225
Ion Ratio Lower Upper
128 100
127 16.6 10.2 15.2#
129 16.2 8.6 13.0#

