

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\Not Reviewed Data\
 Data File : VX024439.D
 Acq On : 22 Sep 2021 17:05
 Operator : JC/MD
 Sample : M3772-01ME
 Misc : 7.38g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PRE-CLASS-WASTE-1ME

Quant Time: Sep 22 18:05:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

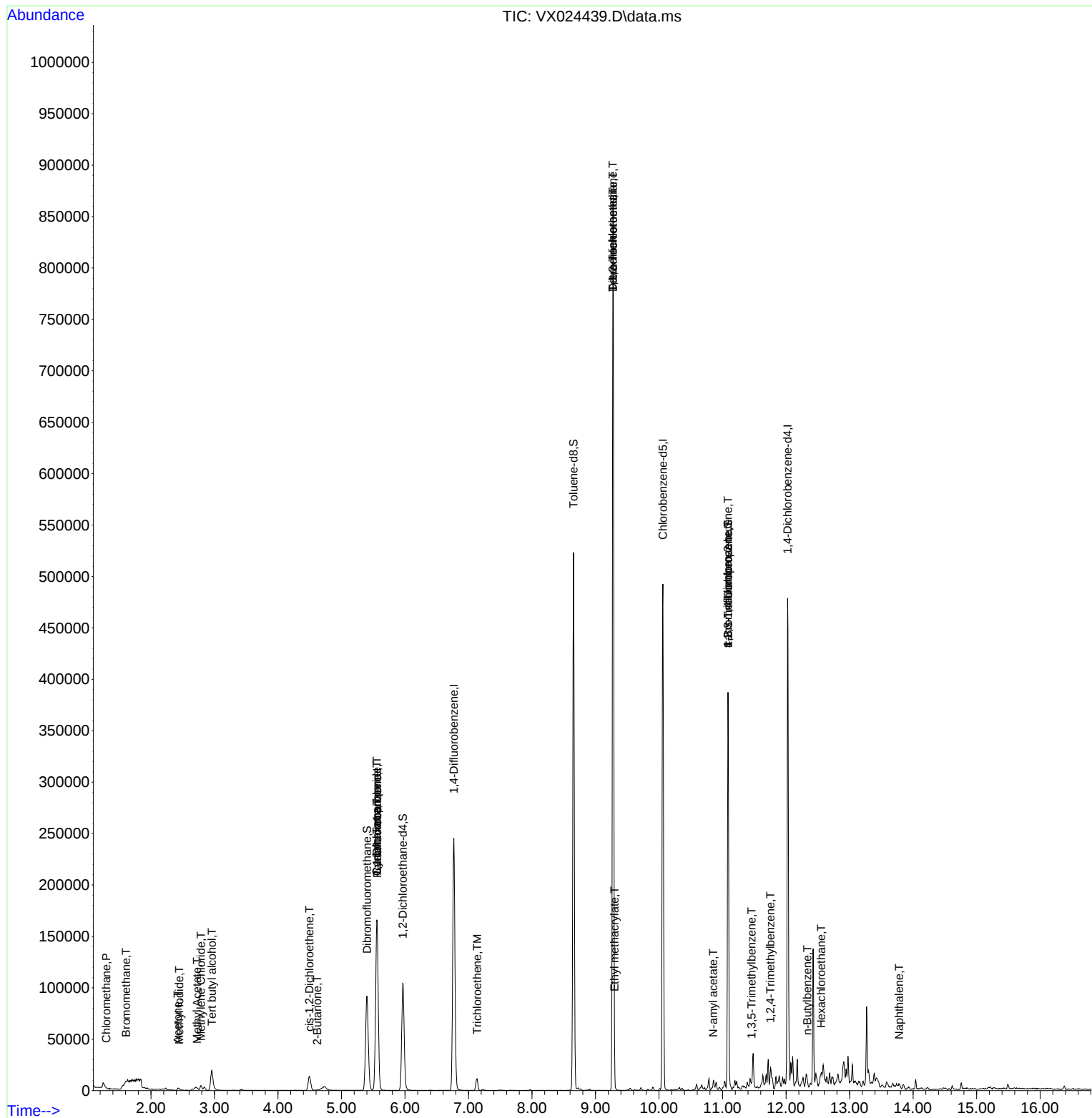
Internal Standards						
1) Pentafluorobenzene	5.562	168	157474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	252330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	240840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108956	48.521	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.040%		
35) Dibromofluoromethane	5.403	113	83101	49.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.220%		
50) Toluene-d8	8.653	98	316507	51.342	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.680%		
62) 4-Bromofluorobenzene	11.085	95	94980	39.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.180%#		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	361	0.228	ug/l #	76
5) Bromomethane	1.605	94	725	0.774	ug/l #	79
10) Methyl Iodide	2.447	142	542	0.253	ug/l #	74
11) Tert butyl alcohol	2.959	59	13983	9.167	ug/l #	75
16) Acetone	2.422	43	2804	2.929	ug/l #	69
18) Methyl Acetate	2.727	43	3954	1.317	ug/l #	70
20) Methylene Chloride	2.788	84	2243	1.220	ug/l #	88
25) 2-Butanone	4.617	43	832	0.590	ug/l #	77
27) cis-1,2-Dichloroethene	4.495	96	8972	4.887	ug/l	93
31) Cyclohexane	5.556	56	3095	1.178	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12106	5.218	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16711	6.400	ug/l #	15
44) Trichloroethene	7.135	130	4512	2.413	ug/l	89
55) 1,1,2-Trichloroethane	9.275	97	1346	0.725	ug/l #	1
56) Ethyl methacrylate	9.299	69	63	1.382	ug/l #	1
60) Dibromochloromethane	9.275	129	157531	73.936	ug/l #	11
64) Tetrachloroethene	9.275	164	161436	86.526	ug/l	93
74) N-amyl acetate	10.854	43	1110	0.374	ug/l #	22
76) 1,2,3-Trichloropropane	11.085	75	52264	24.013	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	1719	0.289	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.085	75	52264	70.621	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	5789	0.990	ug/l	97
89) n-Butylbenzene	12.335	91	1936	0.371	ug/l #	37
90) Hexachloroethane	12.555	117	460	0.473	ug/l #	9
95) Naphthalene	13.780	128	2872	1.701	ug/l	97

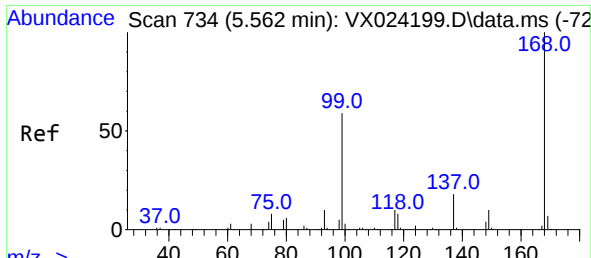
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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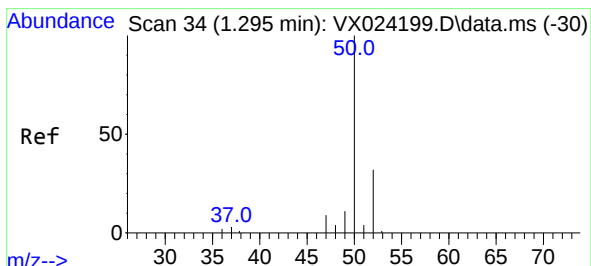
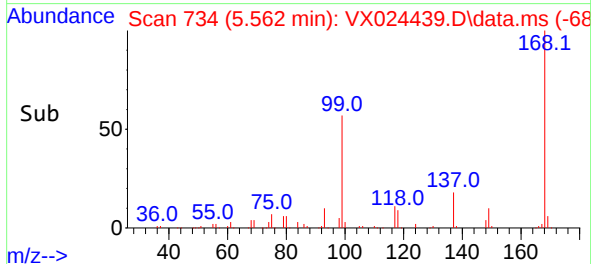
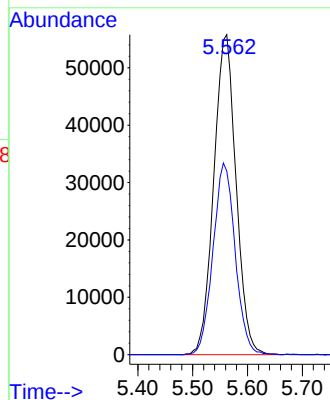
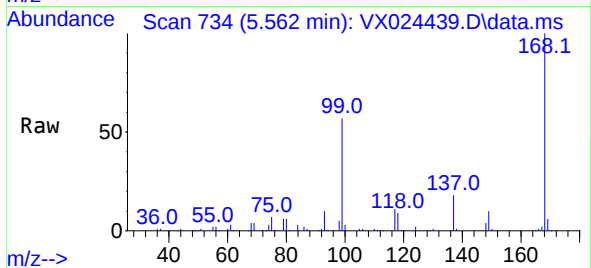




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

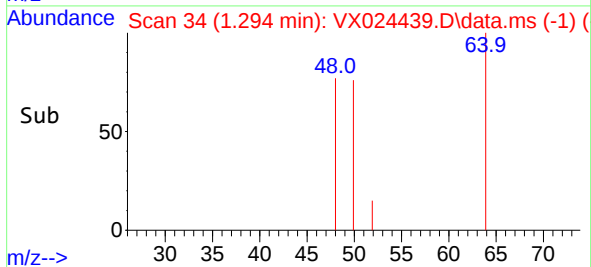
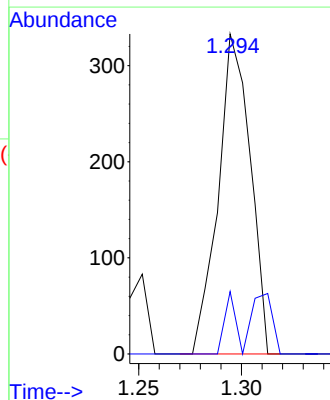
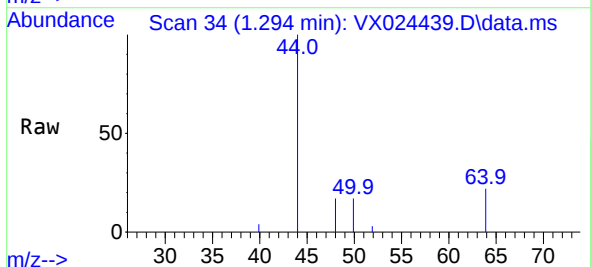
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

Tgt Ion:168 Resp: 157474
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6

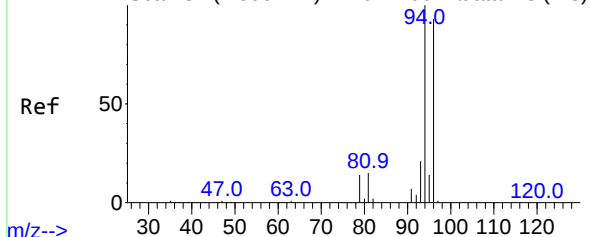


#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion: 50 Resp: 361
Ion Ratio Lower Upper
50 100
52 19.5 26.4 39.6#



Abundance Scan 84 (1.599 min): VX024199.D\data.ms (-78)

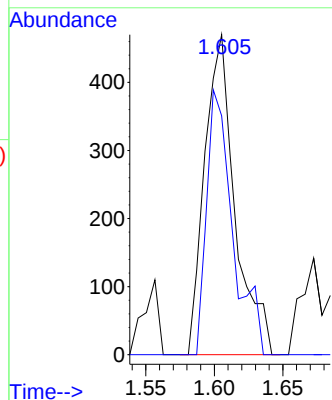
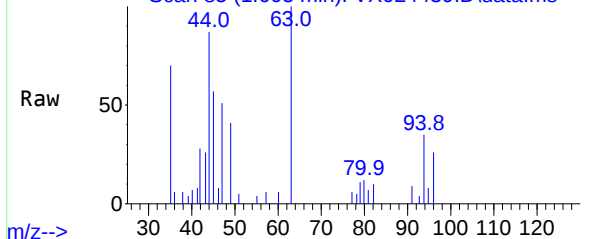


#5
Bromomethane
Concen: 0.774 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

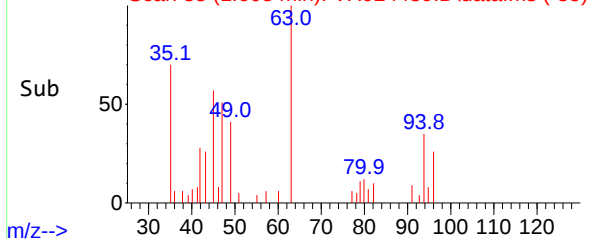
Tgt Ion: 94 Resp: 725
Ion Ratio Lower Upper
94 100
96 74.7 76.4 114.6#

Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

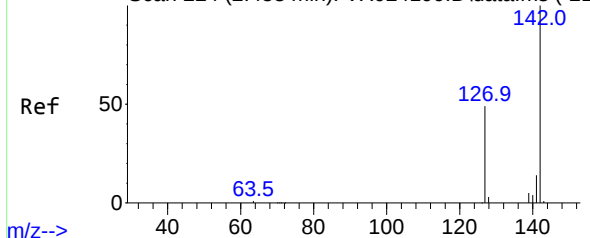
Abundance Scan 85 (1.605 min): VX024439.D\data.ms



Abundance Scan 85 (1.605 min): VX024439.D\data.ms (-35)



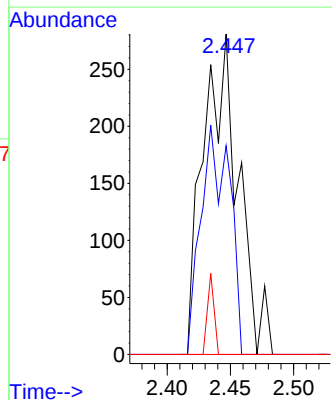
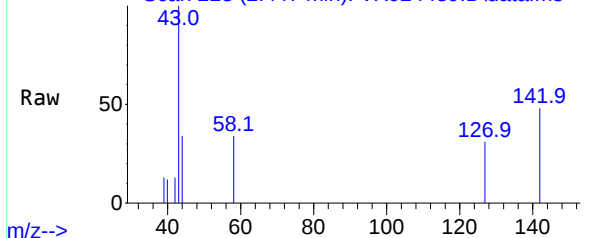
Abundance Scan 224 (2.453 min): VX024199.D\data.ms (-21)



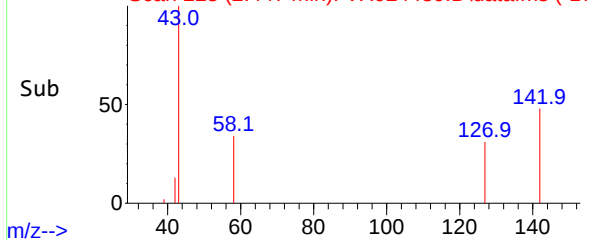
#10
Methyl Iodide
Concen: 0.253 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

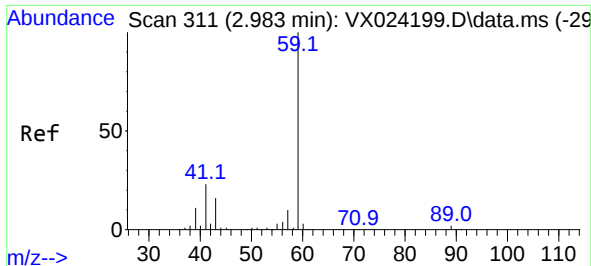
Tgt Ion: 142 Resp: 542
Ion Ratio Lower Upper
142 100
127 58.3 33.3 49.9#
141 4.8 11.4 17.0#

Abundance Scan 223 (2.447 min): VX024439.D\data.ms



Abundance Scan 223 (2.447 min): VX024439.D\data.ms (-17)



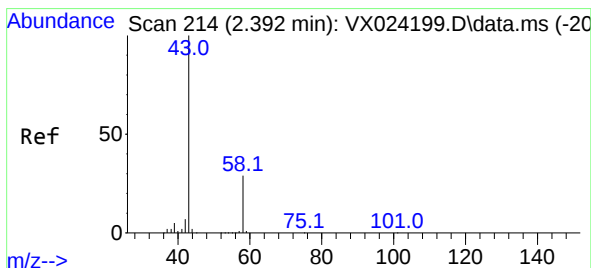
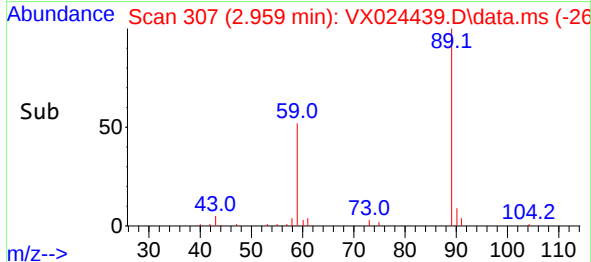
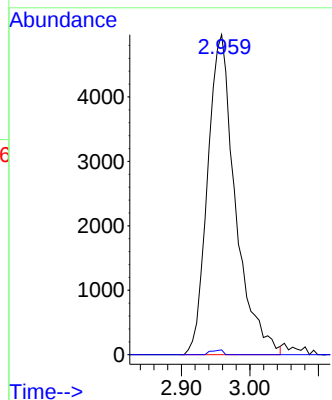
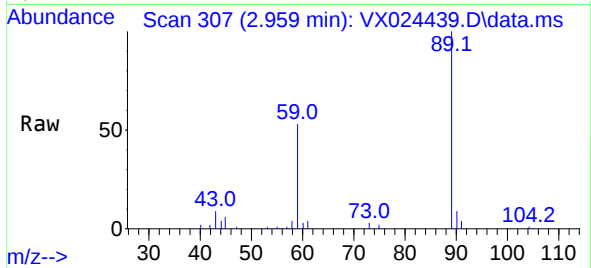


#11

Tert butyl alcohol
Concen: 9.167 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Instrument :
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ClientSampleId :
PRE-CLASS-WASTE-1ME

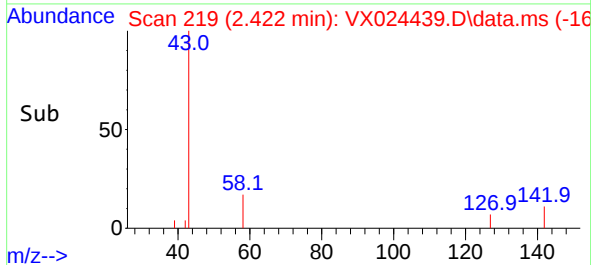
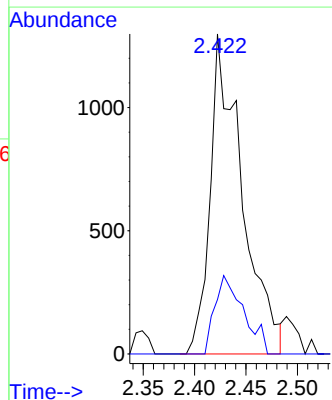
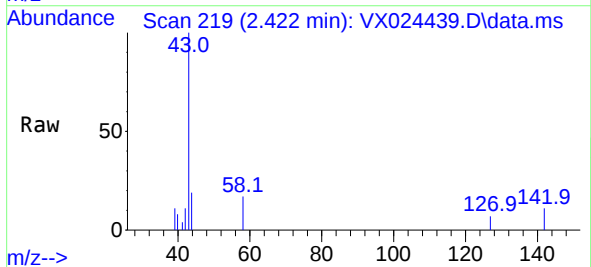
Tgt Ion: 59 Resp: 13983
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.8#

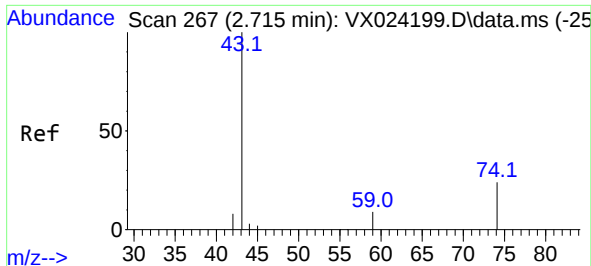


#16

Acetone
Concen: 2.929 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.030 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion: 43 Resp: 2804
Ion Ratio Lower Upper
43 100
58 17.0 27.8 41.8#

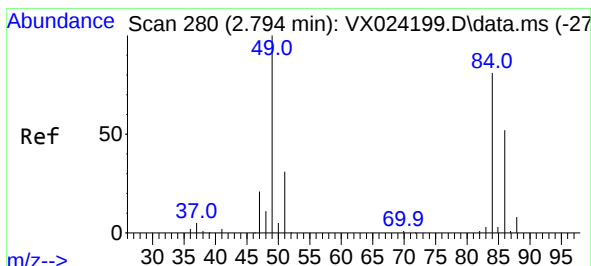
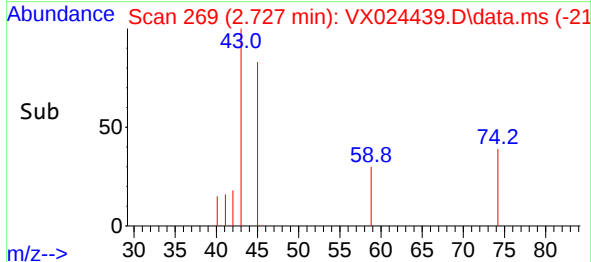
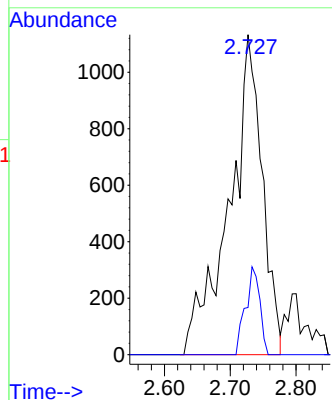
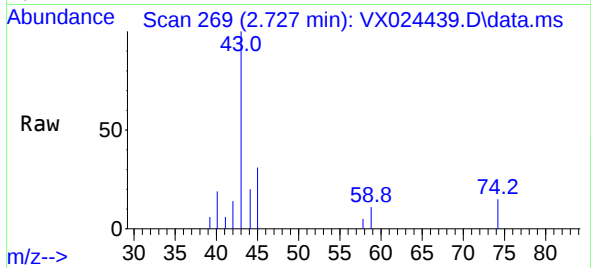




#18
Methyl Acetate
Concen: 1.317 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

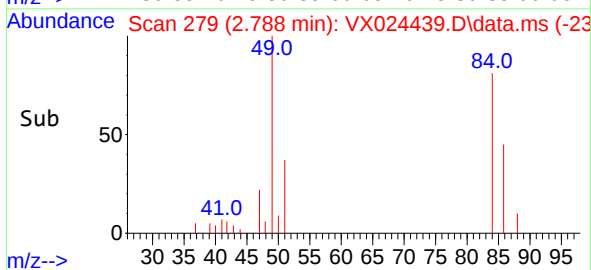
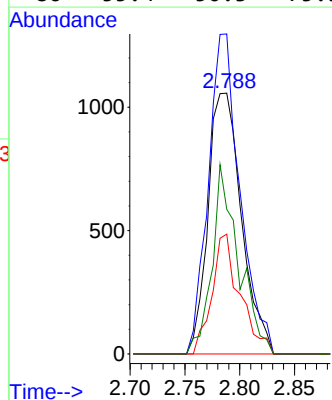
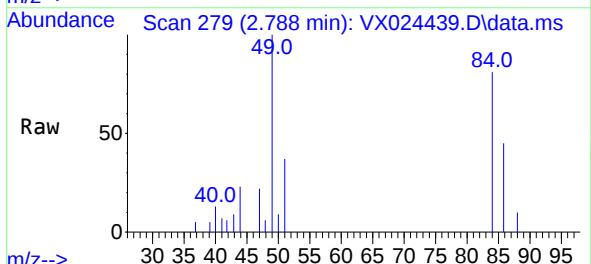
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

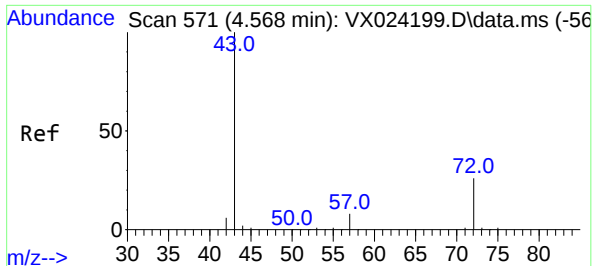
Tgt Ion: 43 Resp: 3954
Ion Ratio Lower Upper
43 100
74 11.8 21.9 32.9#



#20
Methylene Chloride
Concen: 1.220 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion: 84 Resp: 2243
Ion Ratio Lower Upper
84 100
49 122.7 88.6 132.8
51 46.0 27.0 40.6#
86 55.4 50.3 75.5

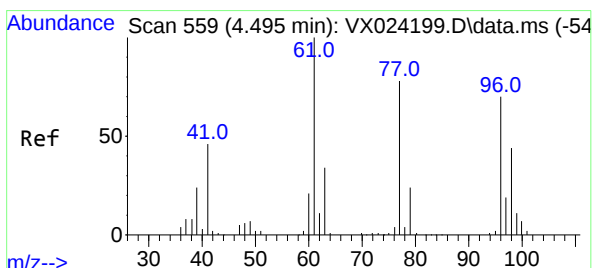
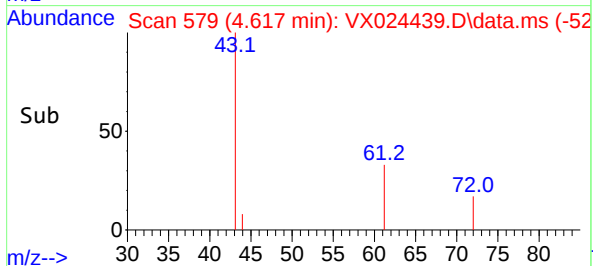
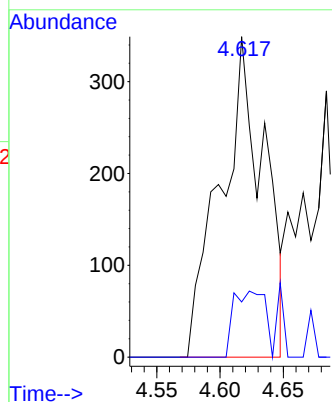
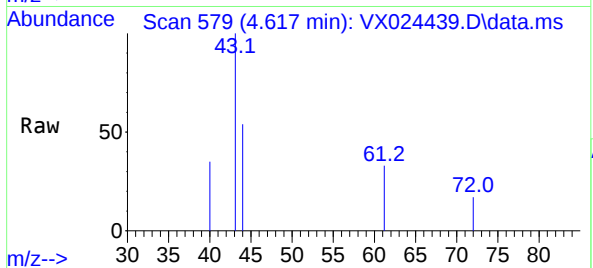




#25
2-Butanone
Concen: 0.590 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.049 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

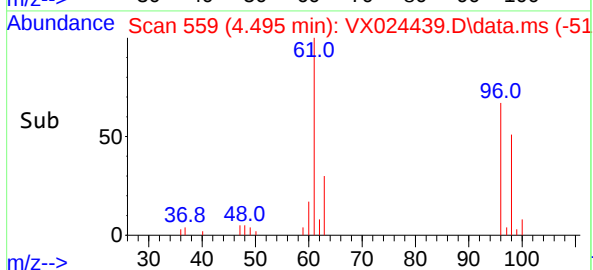
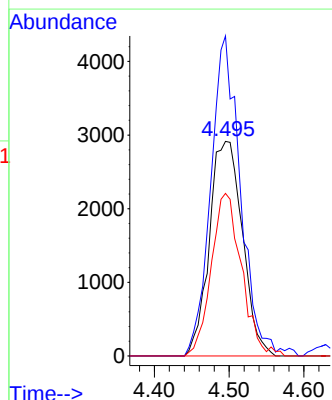
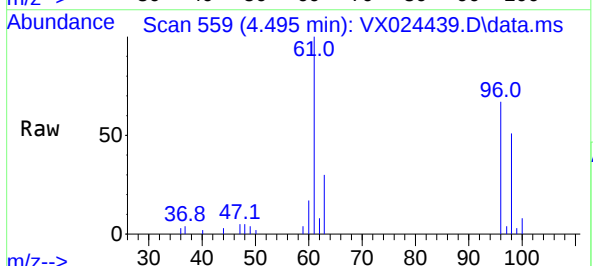
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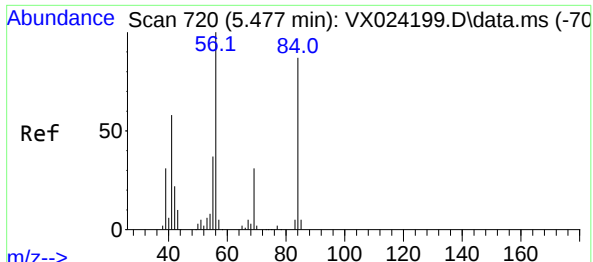
Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
72 17.2 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 4.887 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion: 96 Resp: 8972
Ion Ratio Lower Upper
96 100
61 133.5 0.0 285.6
98 69.3 0.0 129.6

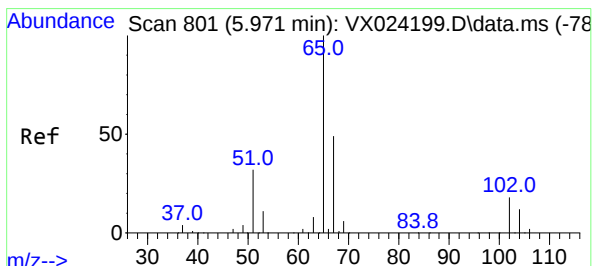
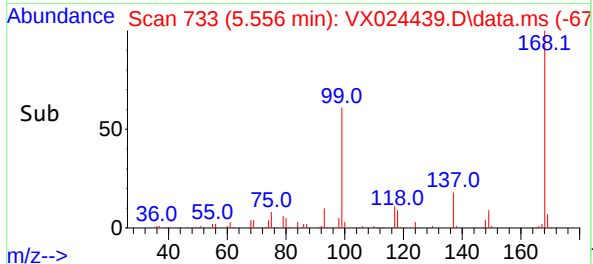
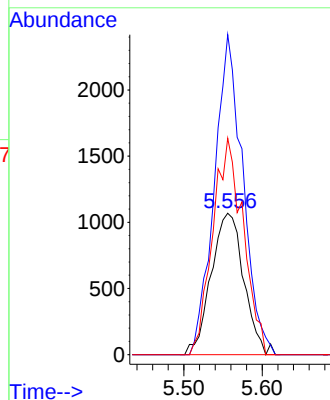
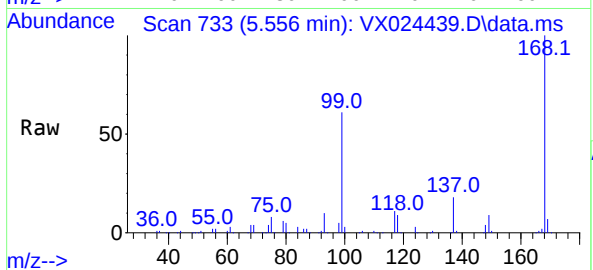




#31
Cyclohexane
Concen: 1.178 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

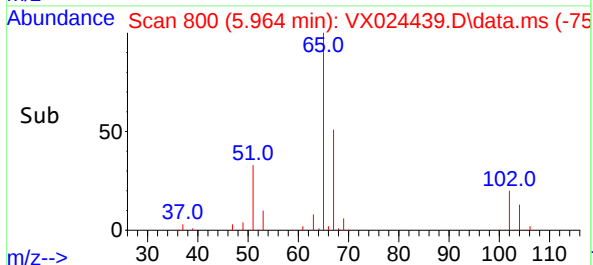
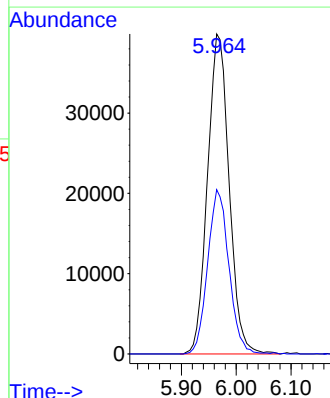
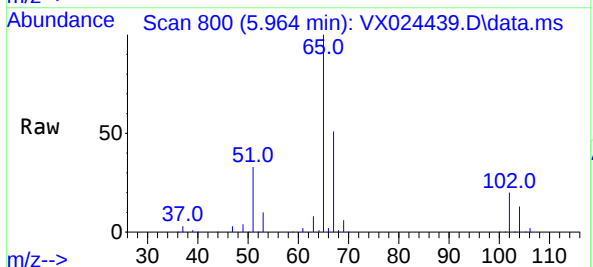
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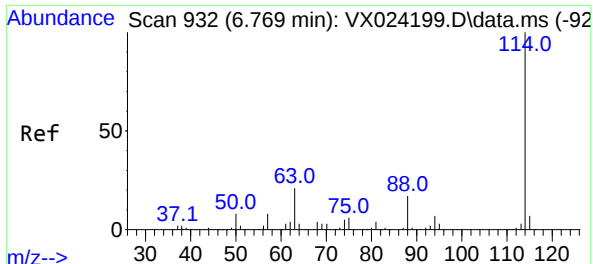
Tgt Ion: 56 Resp: 3095
Ion Ratio Lower Upper
56 100
69 226.4 25.3 37.9#
84 153.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.521 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion: 65 Resp: 108956
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

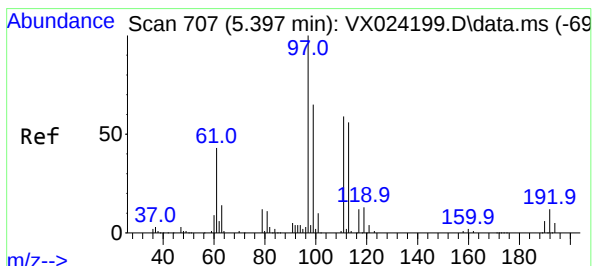
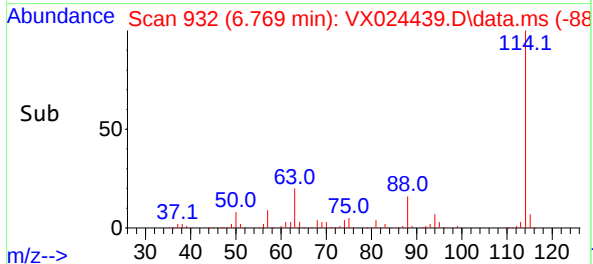
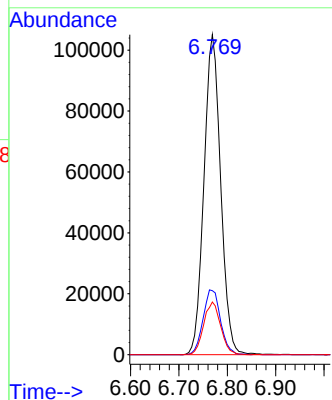
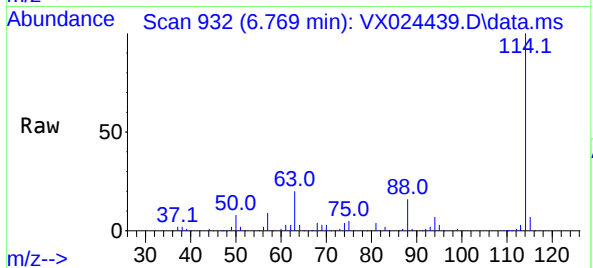




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

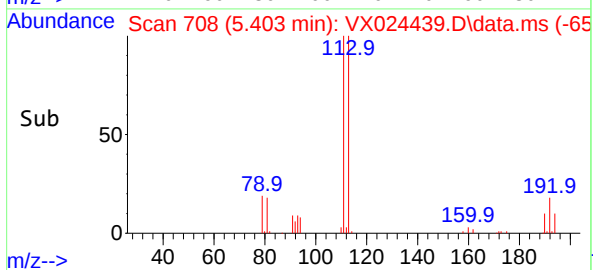
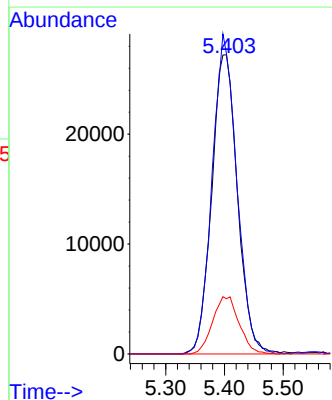
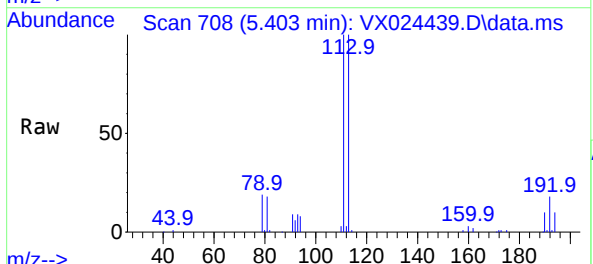
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

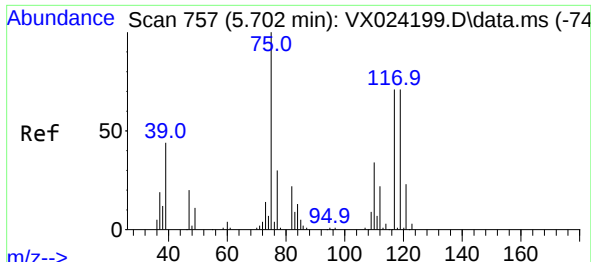
Tgt Ion:114 Resp: 252330
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.107 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion:113 Resp: 83101
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.7 16.7 25.1

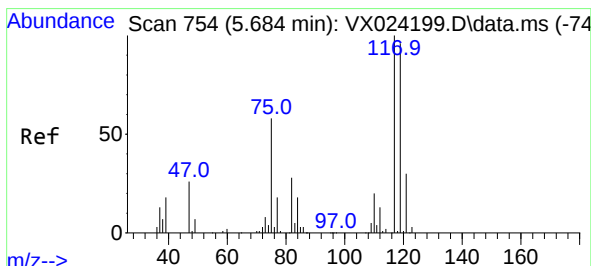
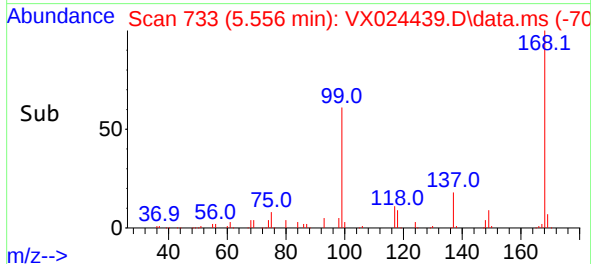
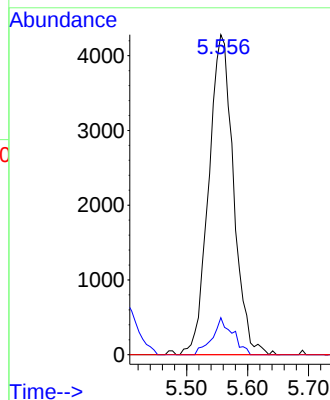
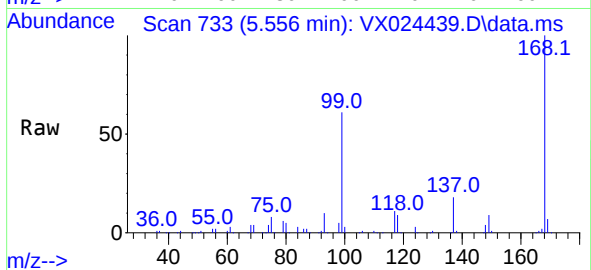




#36
1,1-Dichloropropene
Concen: 5.218 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

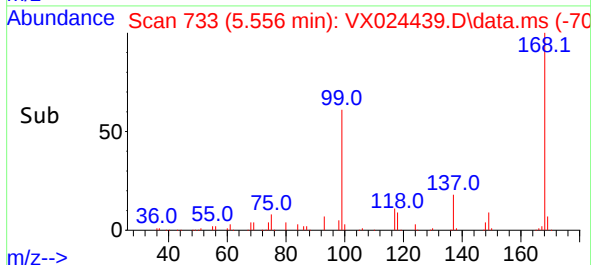
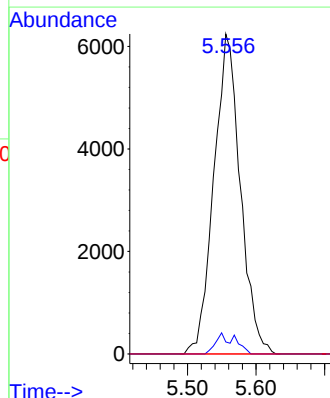
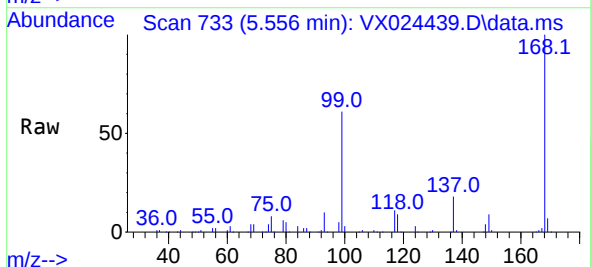
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

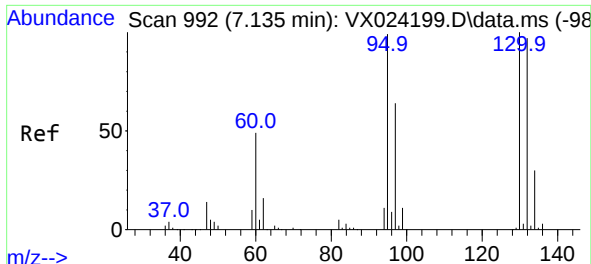
Tgt Ion: 75 Resp: 12106
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.400 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion: 117 Resp: 16711
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#

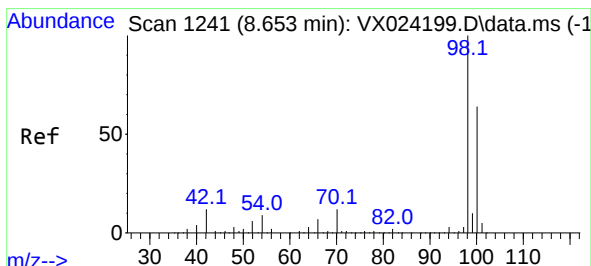
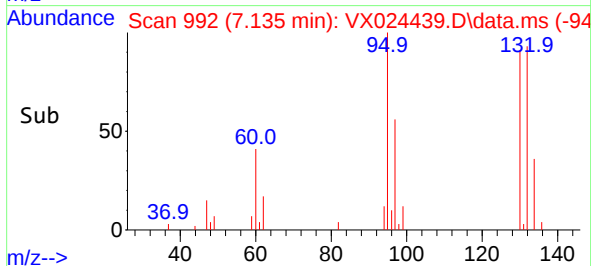
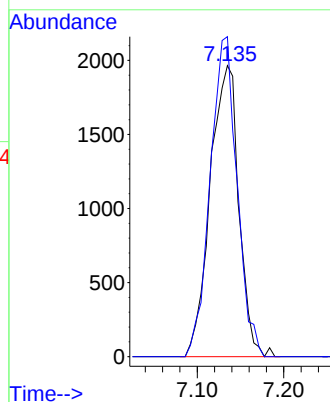
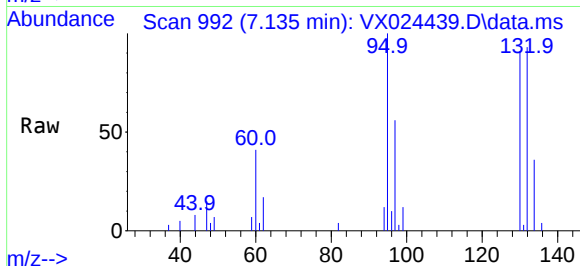




#44
Trichloroethene
Concen: 2.413 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

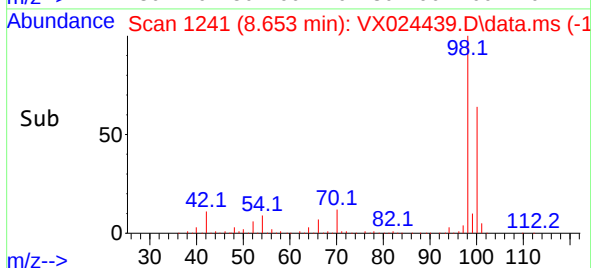
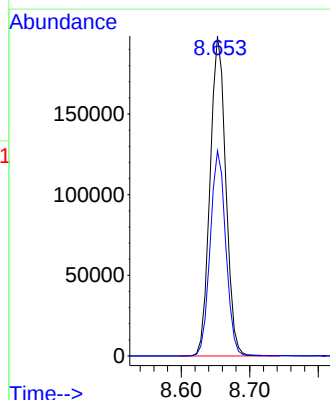
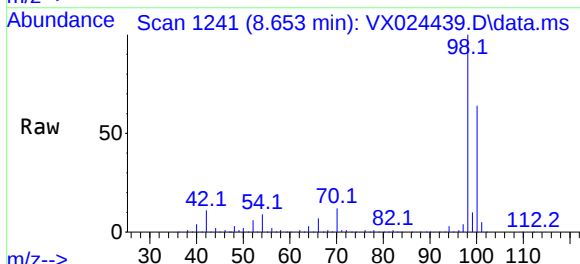
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

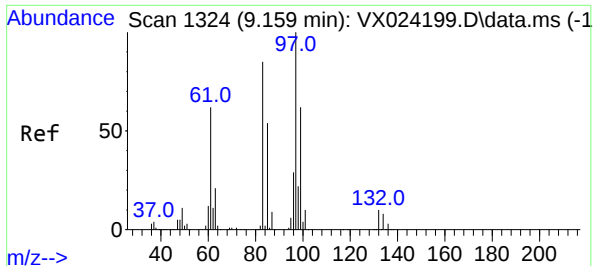
Tgt Ion:130 Resp: 4512
Ion Ratio Lower Upper
130 100
95 109.9 0.0 198.0



#50
Toluene-d8
Concen: 51.342 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion: 98 Resp: 316507
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

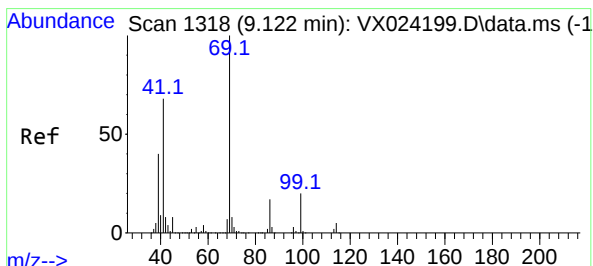
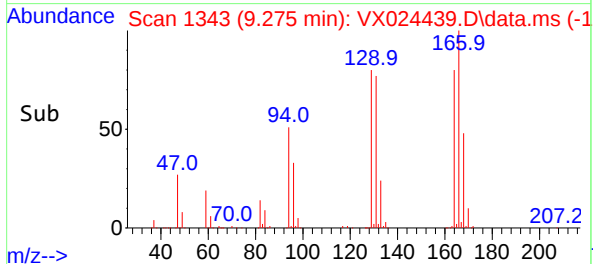
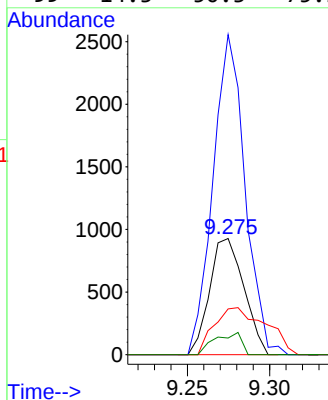
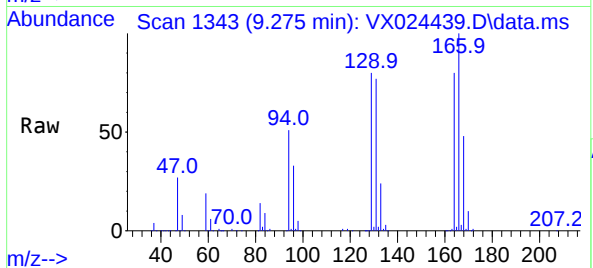




#55
1,1,2-Trichloroethane
Concen: 0.725 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.116 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

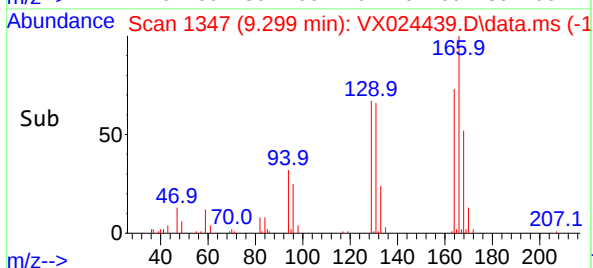
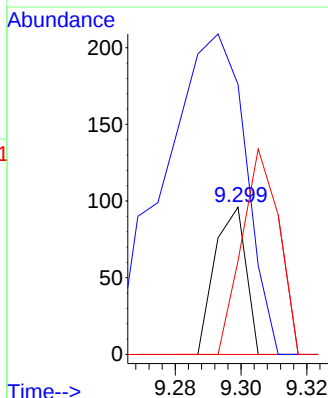
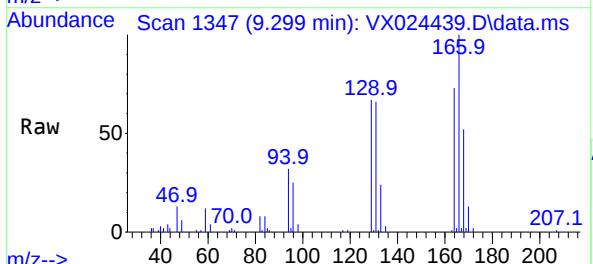
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

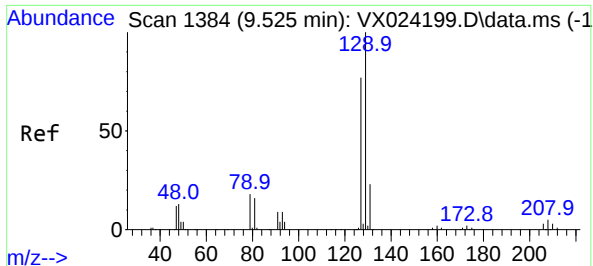
Tgt Ion:	97	Resp:	1346
Ion	Ratio	Lower	Upper
97	100		
83	275.4	69.3	103.9#
85	39.3	44.3	66.5#
99	14.3	50.3	75.5#



#56
Ethyl methacrylate
Concen: 1.382 ug/l
RT: 9.299 min Scan# 1347
Delta R.T. 0.177 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion:	69	Resp:	63
Ion	Ratio	Lower	Upper
69	100		
41	566.7	46.8	70.2#
39	166.7	24.7	37.1#





#60

Dibromochloromethane

Concen: 73.936 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024439.D

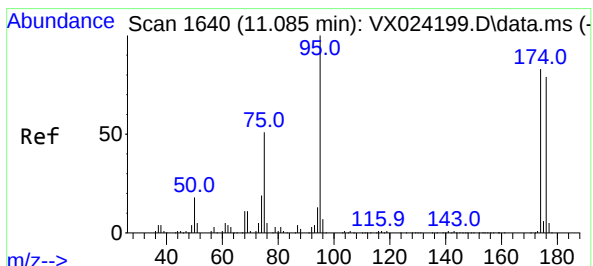
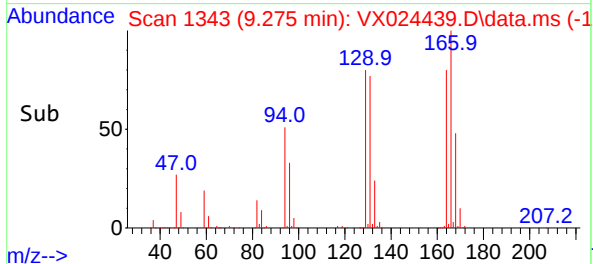
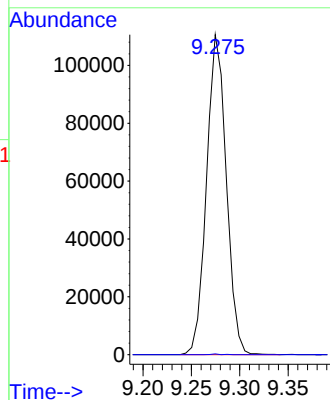
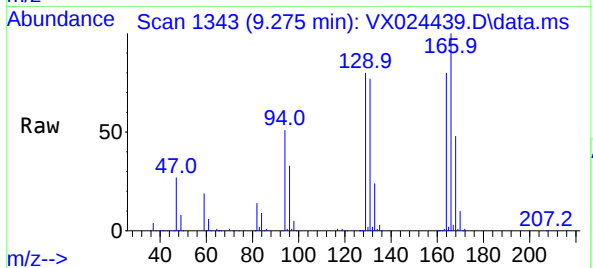
Acq: 22 Sep 2021 17:05

Tgt Ion:129 Resp: 157531

Ion Ratio Lower Upper

129 100

127 0.1 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 39.590 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024439.D

Acq: 22 Sep 2021 17:05

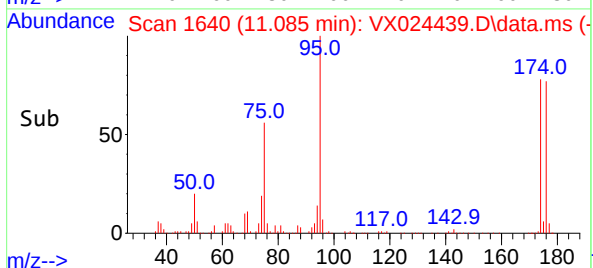
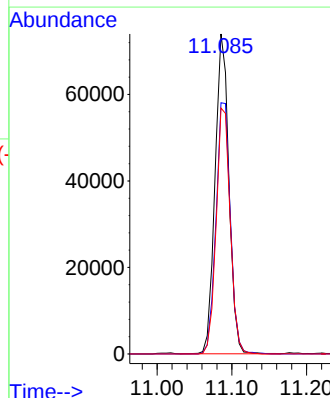
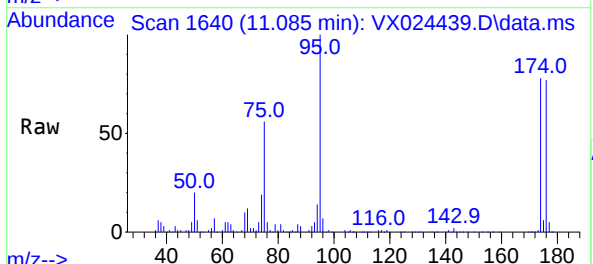
Tgt Ion: 95 Resp: 94980

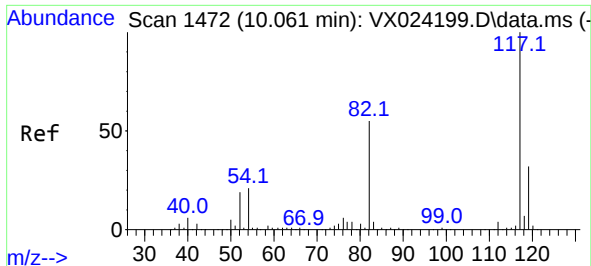
Ion Ratio Lower Upper

95 100

174 81.8 0.0 154.6

176 78.1 0.0 155.8

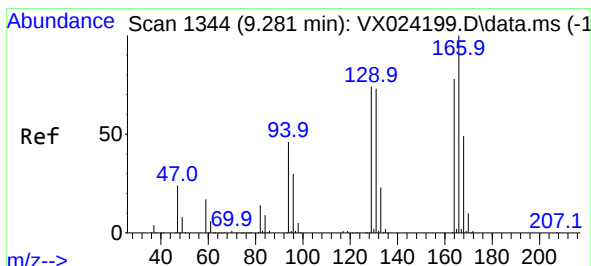
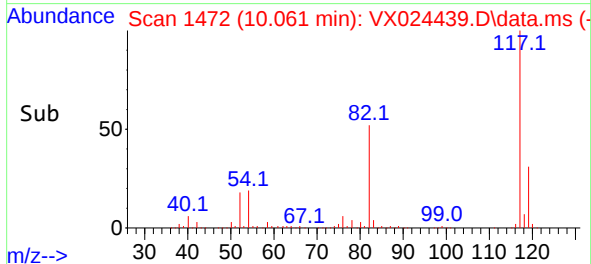
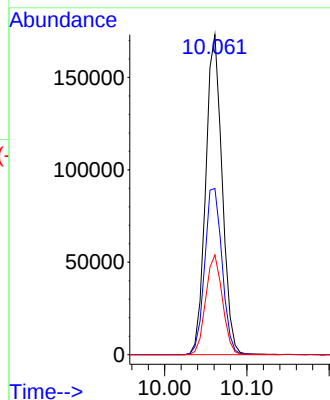
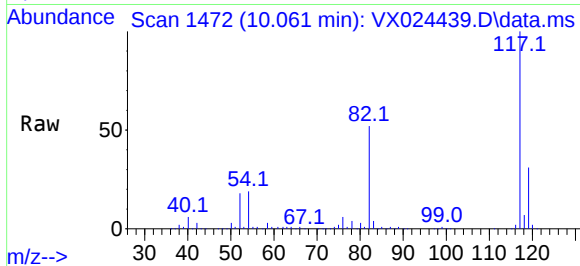




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

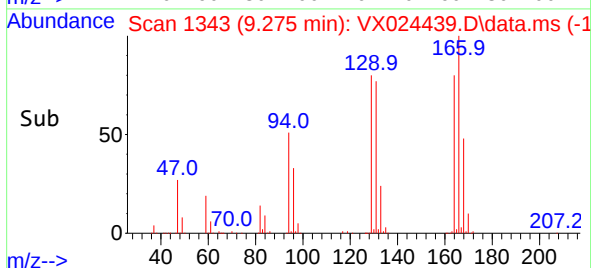
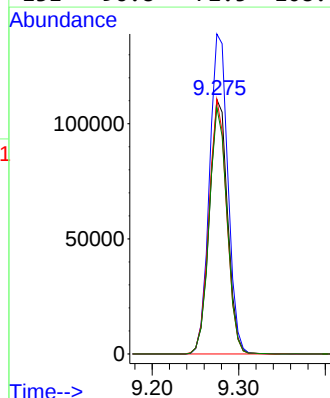
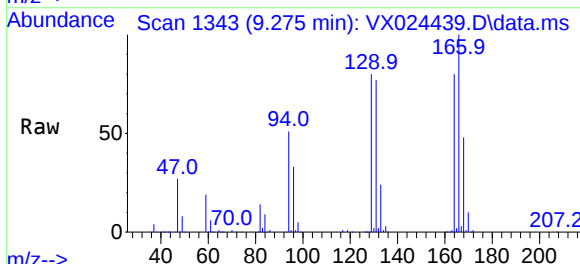
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

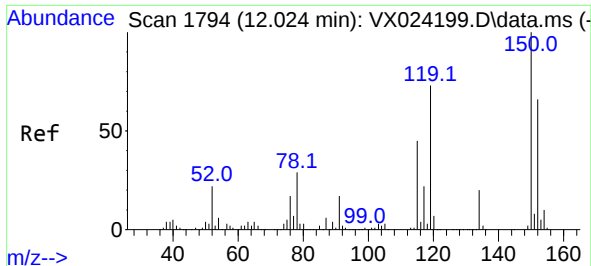
Tgt Ion:117 Resp: 240840
Ion Ratio Lower Upper
117 100
82 51.9 47.4 71.2
119 31.2 26.6 39.8



#64
Tetrachloroethene
Concen: 86.526 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion:164 Resp: 161436
Ion Ratio Lower Upper
164 100
166 125.8 103.4 155.2
129 100.1 70.8 106.2
131 96.8 72.5 108.7

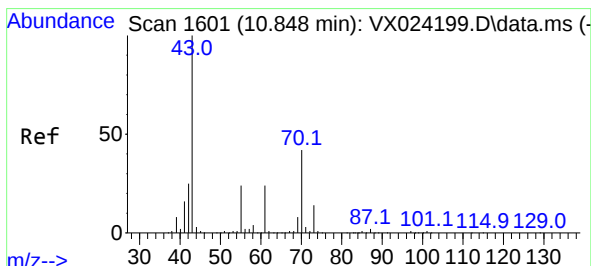
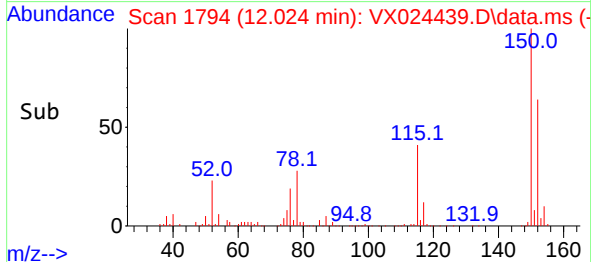
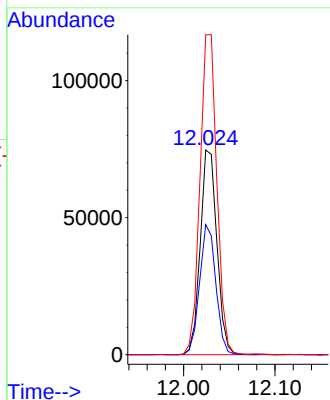
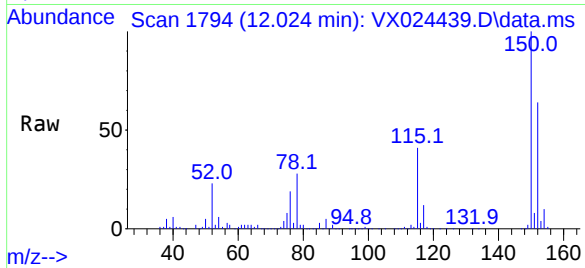




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

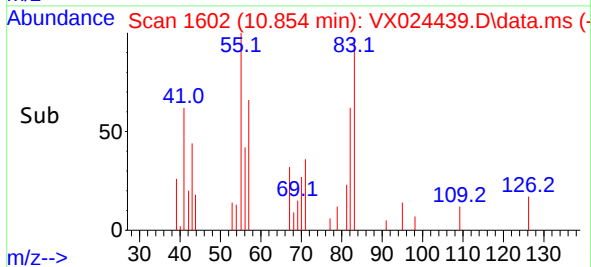
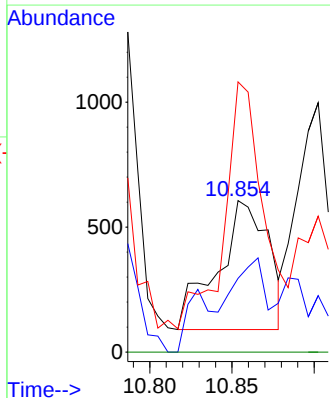
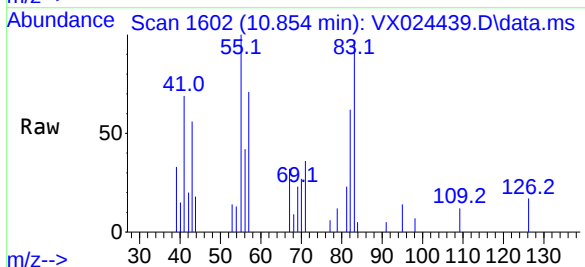
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

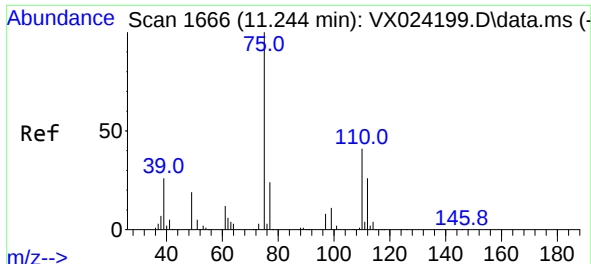
Tgt Ion:152 Resp: 94656
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 158.4 0.0 349.0



#74
N-ethyl acetate
Concen: 0.374 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
70 42.5 39.0 58.6
55 145.9 21.5 32.3#
61 0.0 22.1 33.1#

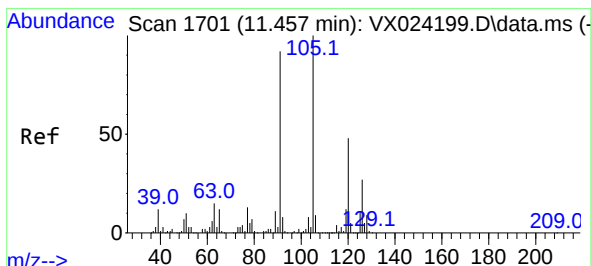
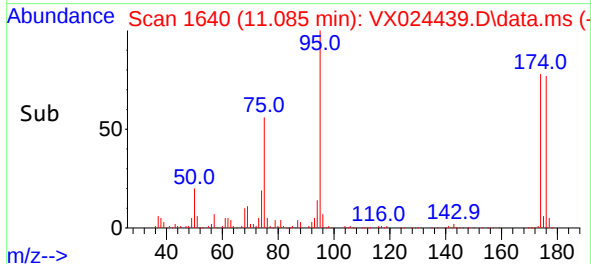
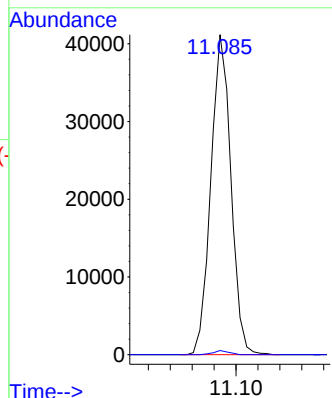
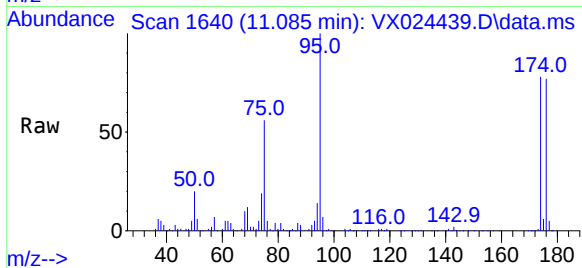




#76
1,2,3-Trichloropropane
Concen: 24.013 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

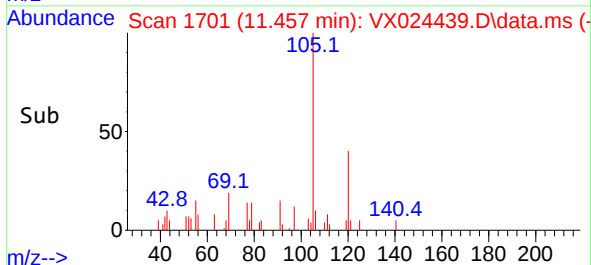
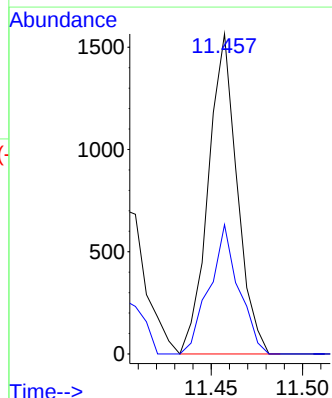
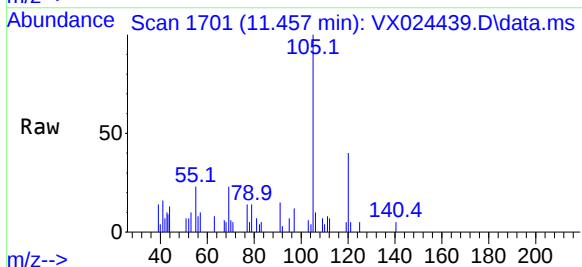
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

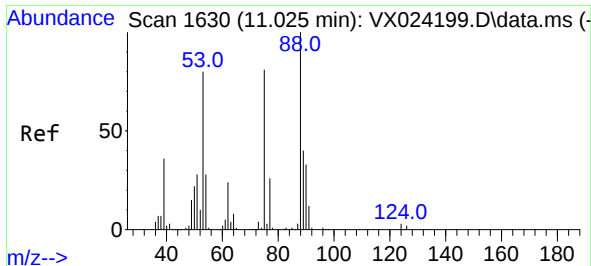
Tgt Ion: 75 Resp: 52264
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.289 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion:105 Resp: 1719
Ion Ratio Lower Upper
105 100
120 41.2 23.8 71.5

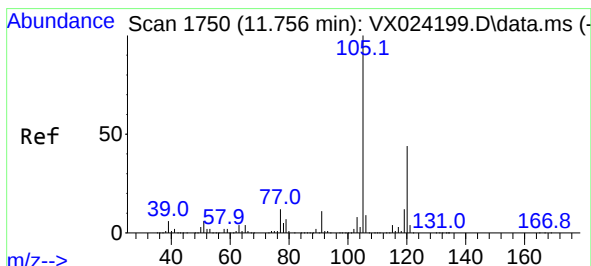
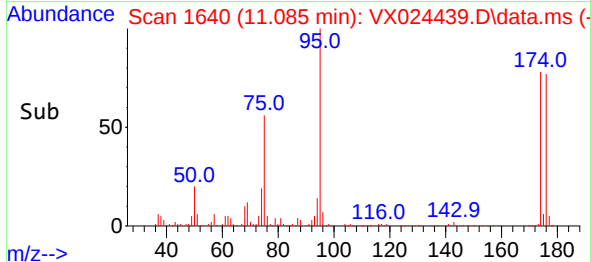
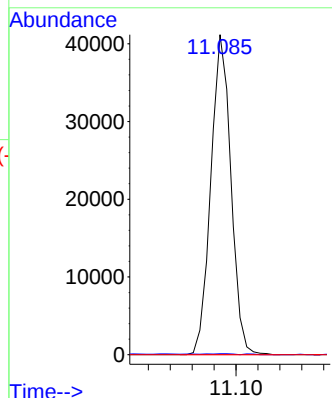
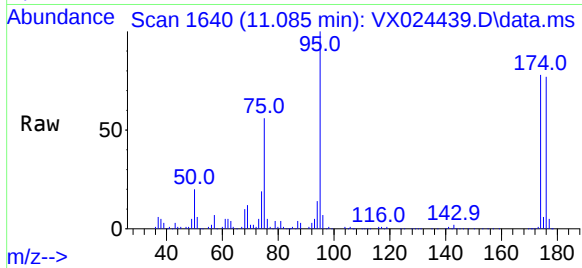




#81
trans-1,4-Dichloro-2-butene
Concen: 70.621 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

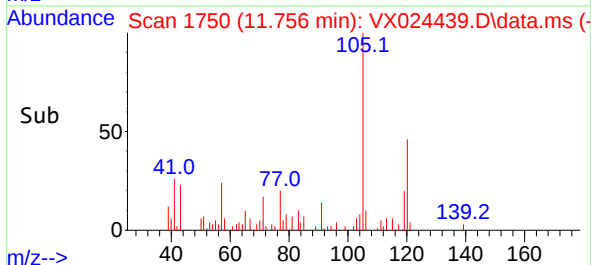
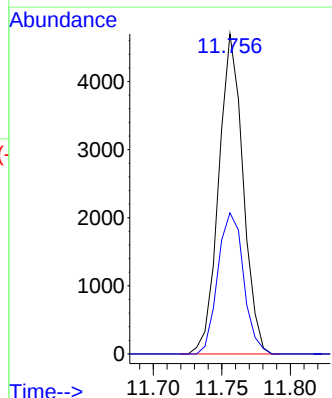
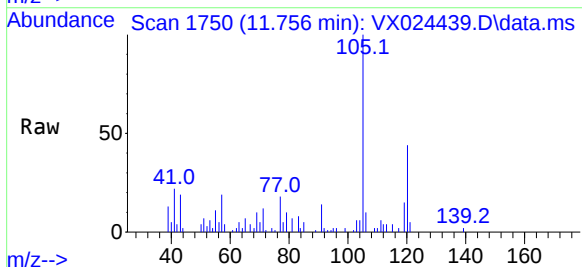
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

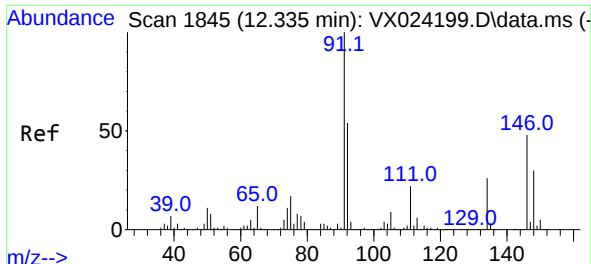
Tgt Ion: 75 Resp: 52264
Ion Ratio Lower Upper
75 100
53 0.4 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.990 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion: 105 Resp: 5789
Ion Ratio Lower Upper
105 100
120 46.6 22.4 67.3

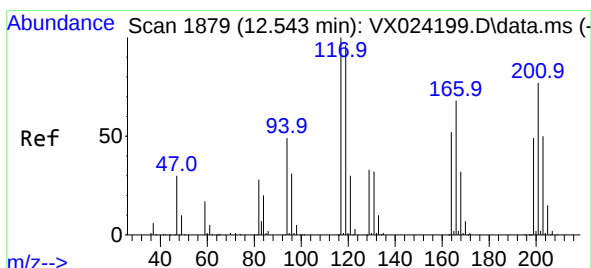
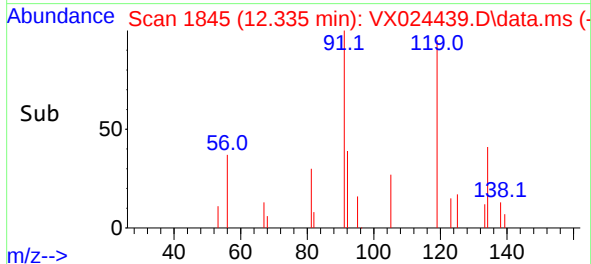
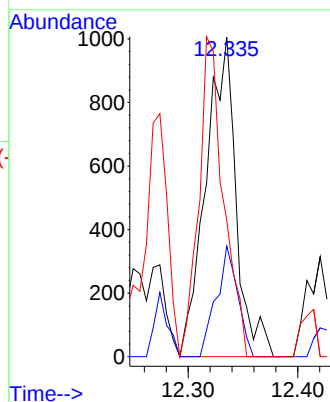
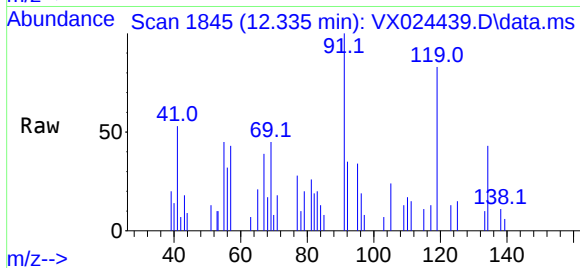




#89
n-Butylbenzene
Concen: 0.371 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

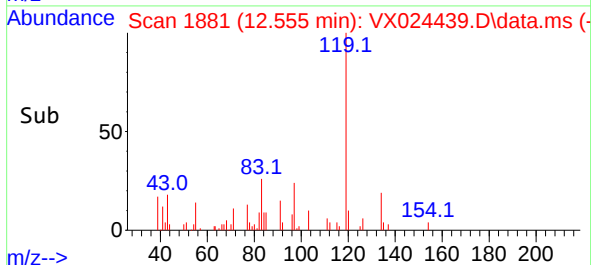
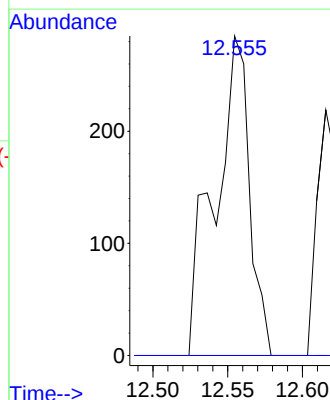
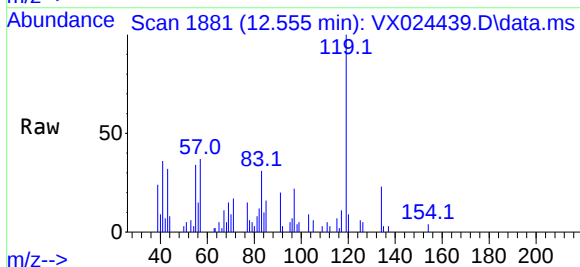
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

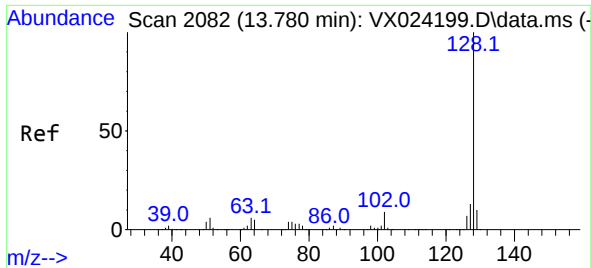
Tgt Ion: 91 Resp: 1936
Ion Ratio Lower Upper
91 100
92 24.4 27.4 82.0#
134 81.5 13.2 39.5#



#90
Hexachloroethane
Concen: 0.473 ug/l
RT: 12.555 min Scan# 1881
Delta R.T. 0.012 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Tgt Ion: 117 Resp: 460
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#95
Naphthalene
Concen: 1.701 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024439.D
Acq: 22 Sep 2021 17:05

Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

Tgt Ion:	128	Resp:	2872
Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.3	15.5
129	10.3	8.8	13.2

