

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\Not Reviewed Data\
 Data File : VX024438.D
 Acq On : 22 Sep 2021 16:41
 Operator : JC/MD
 Sample : M3772-03ME 20X
 Misc : 6.17g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-PRE-CLASSME

Quant Time: Sep 22 18:05:06 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)

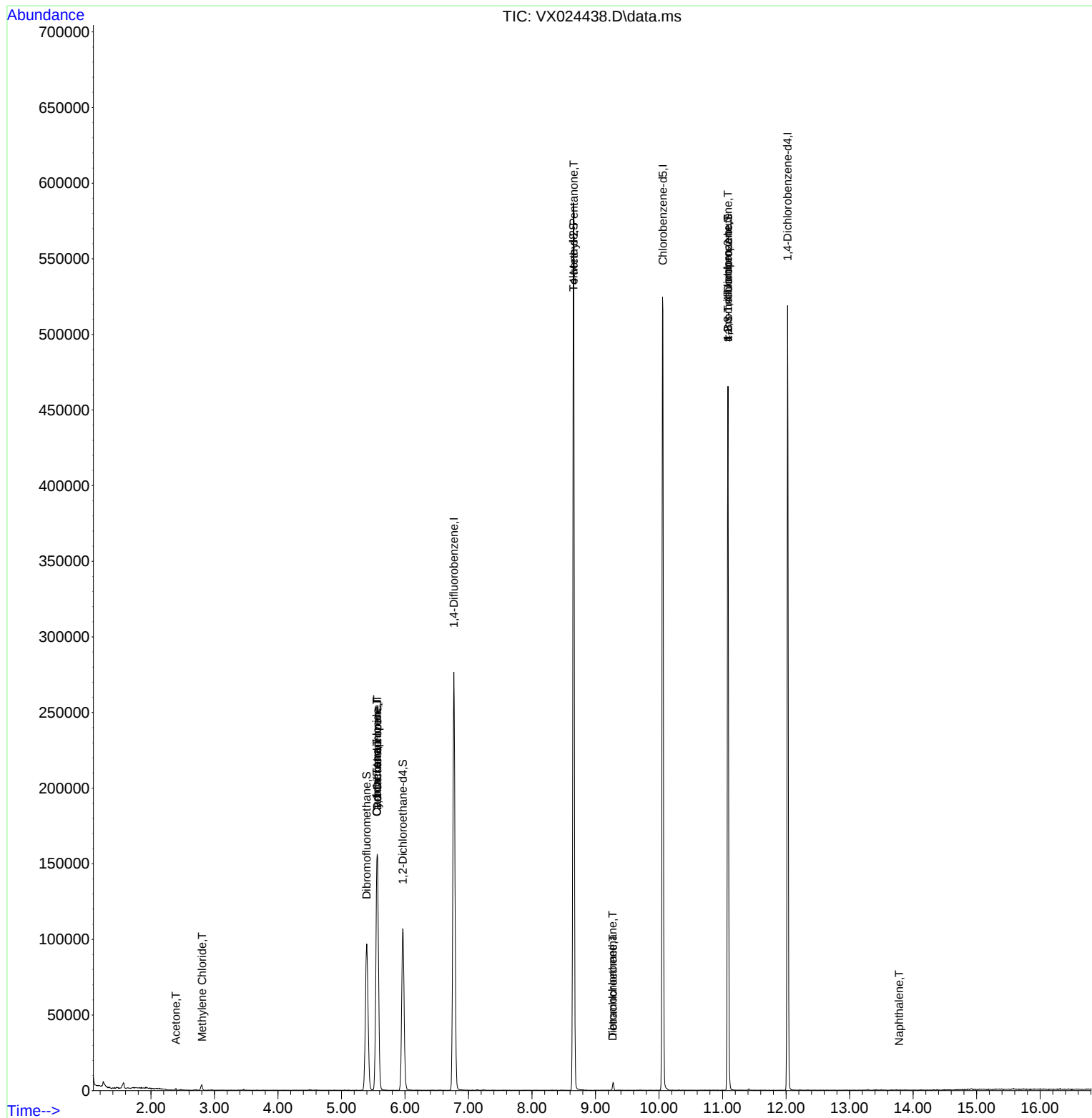
Internal Standards						
1) Pentafluorobenzene	5.562	168	148141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	275357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	244859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109831	51.992	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.980%			
35) Dibromofluoromethane	5.397	113	84589	45.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.620%			
50) Toluene-d8	8.653	98	340663	50.639	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.280%			
62) 4-Bromofluorobenzene	11.085	95	122449	46.771	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.540%			
Target Compounds						
11) Tert butyl alcohol	2.947	59	154	Below Cal	#	73
16) Acetone	2.392	43	816	0.906	ug/l	98
20) Methylene Chloride	2.806	84	1662	0.961	ug/l #	78
31) Cyclohexane	5.556	56	3162	1.280	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	11994	4.738	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15393	5.402	ug/l #	16
51) 4-Methyl-2-Pentanone	8.659	43	1371	0.458	ug/l #	1
60) Dibromochloromethane	9.269	129	947	2.124	ug/l #	11
64) Tetrachloroethene	9.275	164	1024	0.540	ug/l #	84
76) 1,2,3-Trichloropropane	11.085	75	63092	26.592	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	63092	78.208	ug/l #	12
95) Naphthalene	13.780	128	49	1.294	ug/l #	69

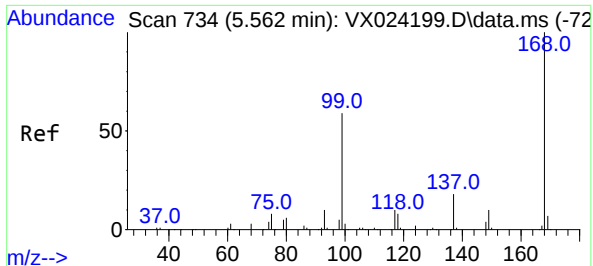
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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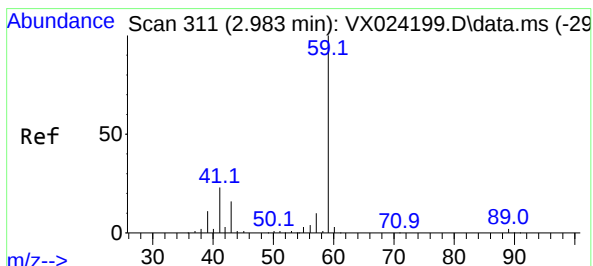
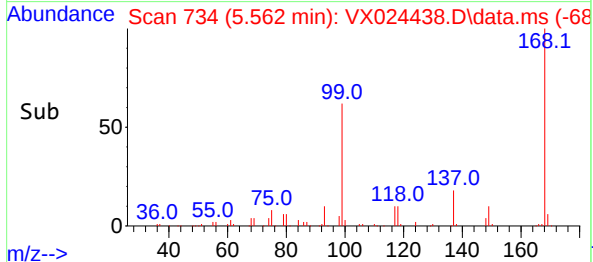
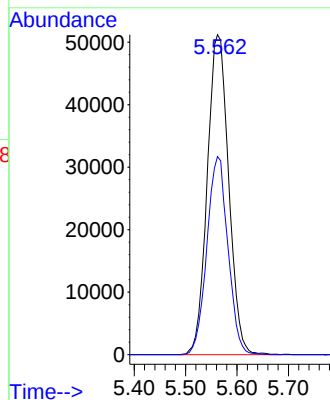
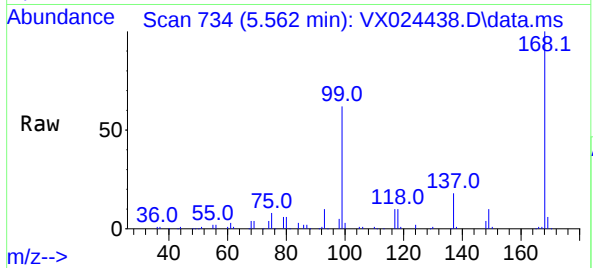




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

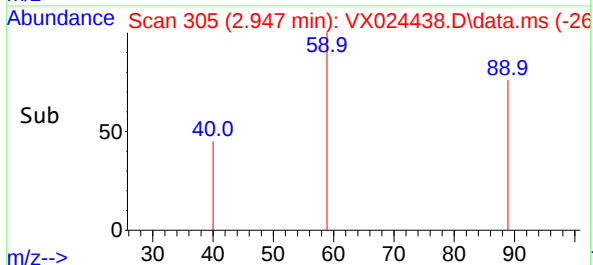
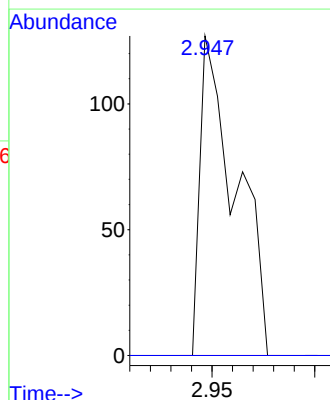
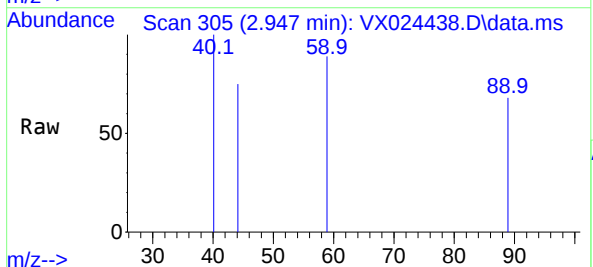
Instrument :
MSVOA_X
ClientSampleId :
WASTE-PRE-CLASSME

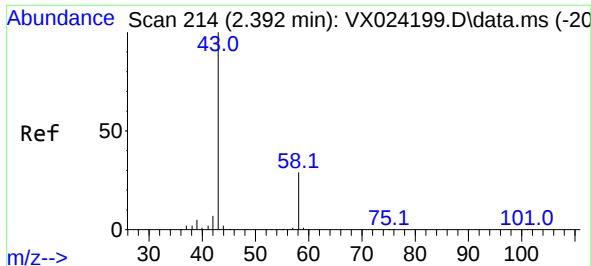
Tgt Ion:168 Resp: 148141
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

Tgt Ion: 59 Resp: 154
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

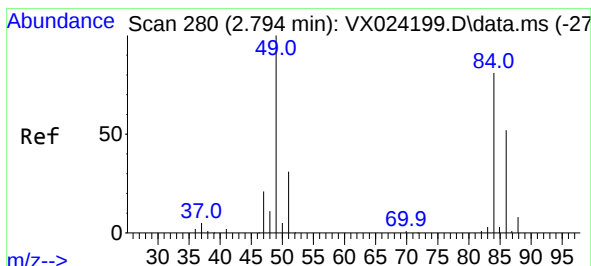
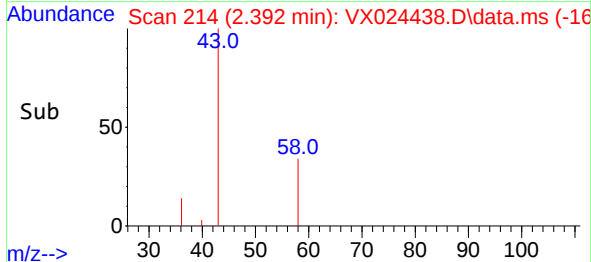
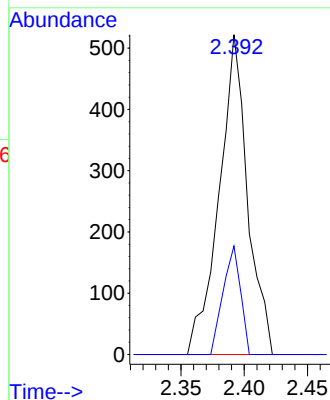
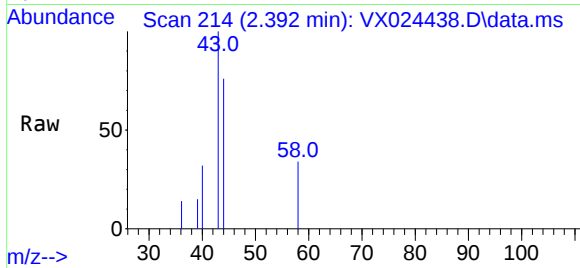




#16
Acetone
Concen: 0.906 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

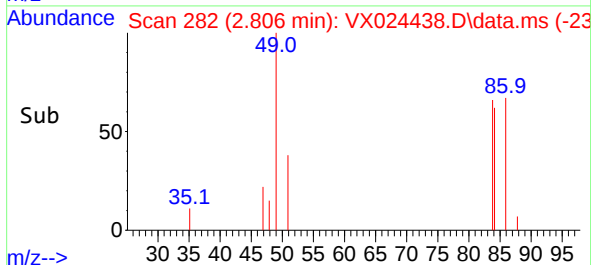
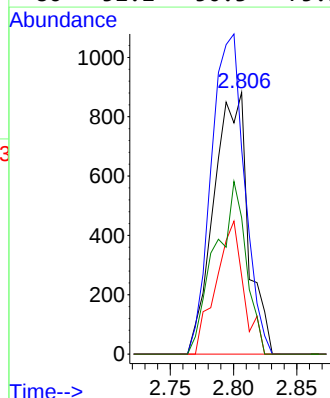
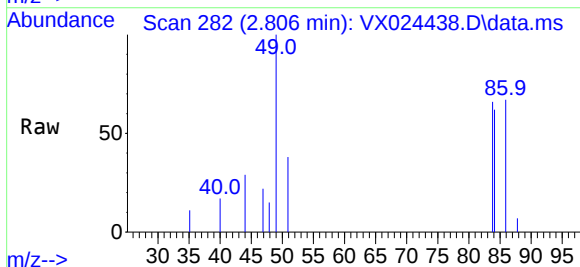
Instrument :
MSVOA_X
ClientSampleId :
WASTE-PRE-CLASSME

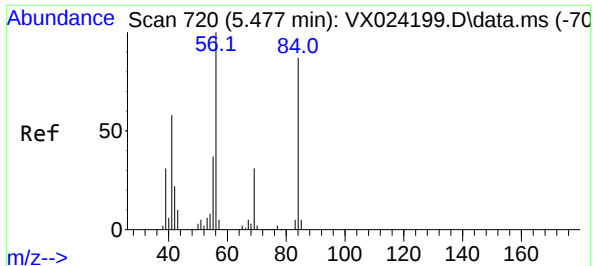
Tgt Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8



#20
Methylene Chloride
Concen: 0.961 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

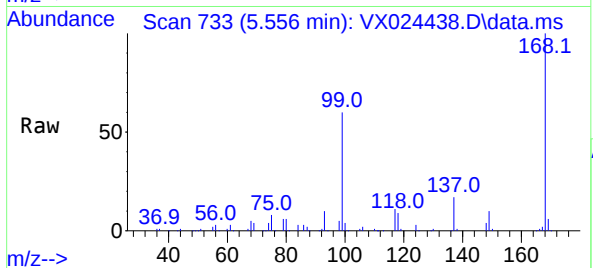
Tgt Ion: 84 Resp: 1662
Ion Ratio Lower Upper
84 100
49 78.3 88.6 132.8#
51 29.9 27.0 40.6
86 52.2 50.3 75.5



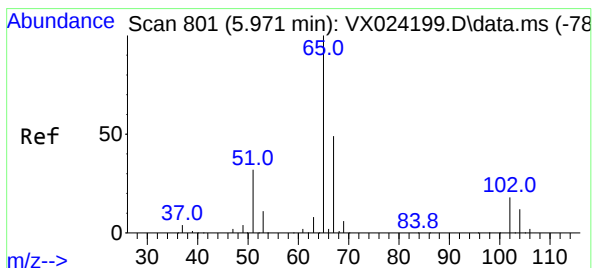
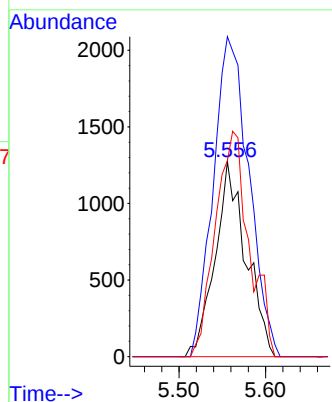
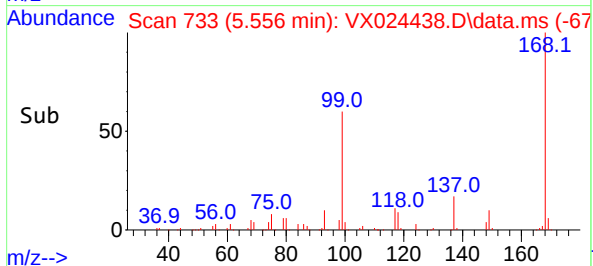


#31
Cyclohexane
Concen: 1.280 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

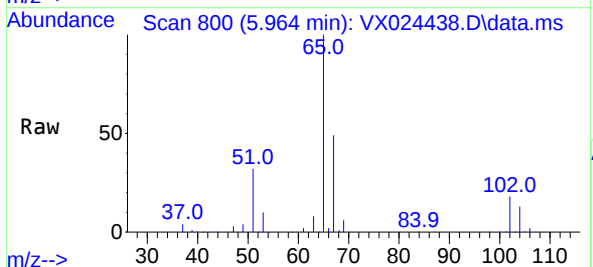
Instrument :
MSVOA_X
ClientSampleId :
WASTE-PRE-CLASSME



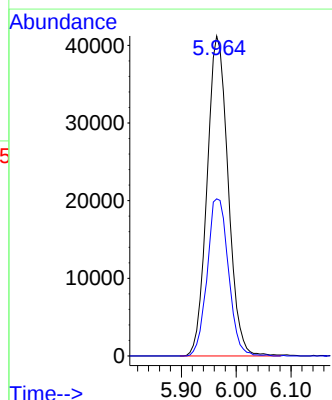
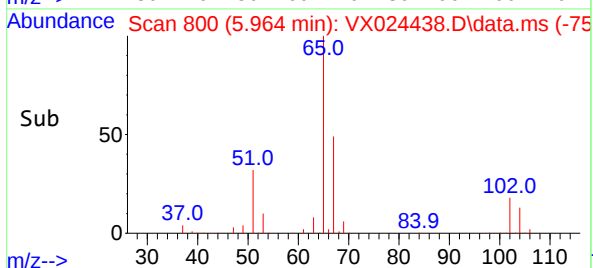
Tgt Ion: 56 Resp: 3162
Ion Ratio Lower Upper
56 100
69 163.8 25.3 37.9#
84 100.3 71.4 107.0

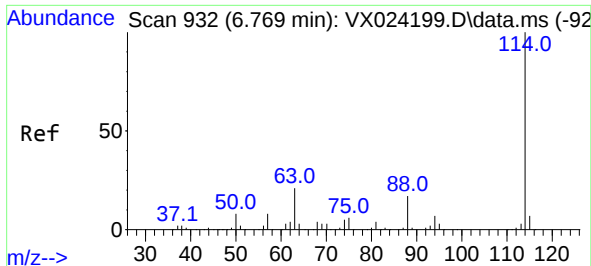


#33
1,2-Dichloroethane-d4
Concen: 51.992 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41



Tgt Ion: 65 Resp: 109831
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4



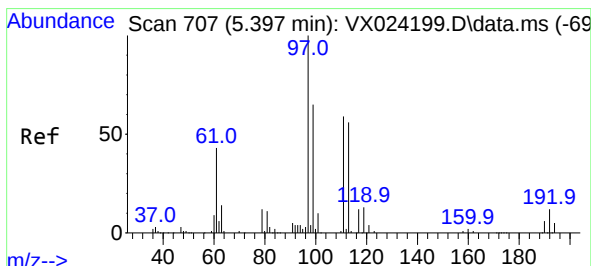
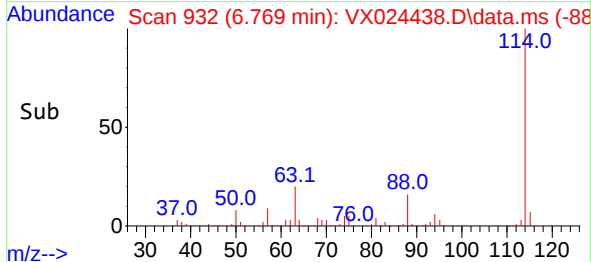
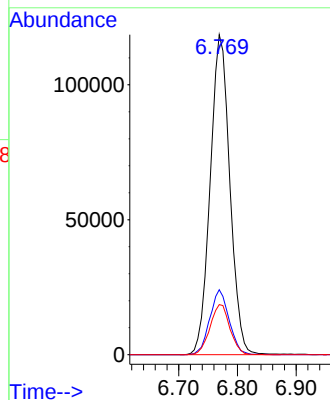
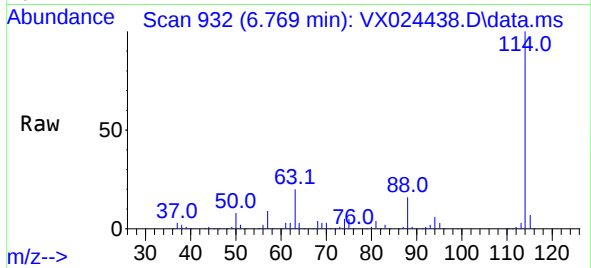


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

Instrument :
MSVOA_X
ClientSampleId :
WASTE-PRE-CLASSME

Tgt Ion:114 Resp: 275357

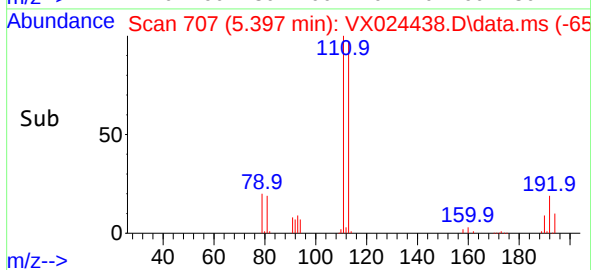
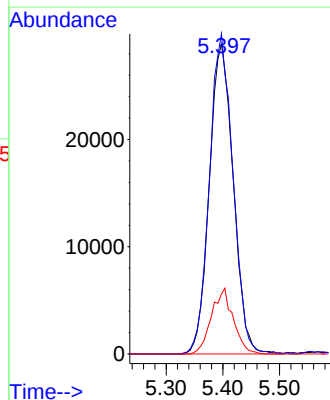
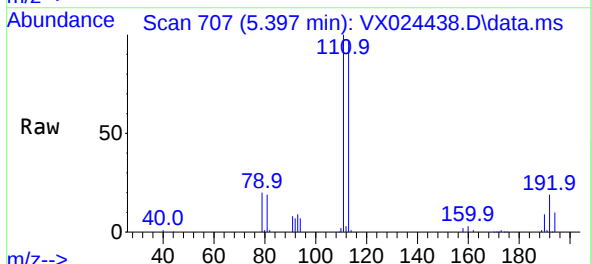
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	15.6	0.0	32.8

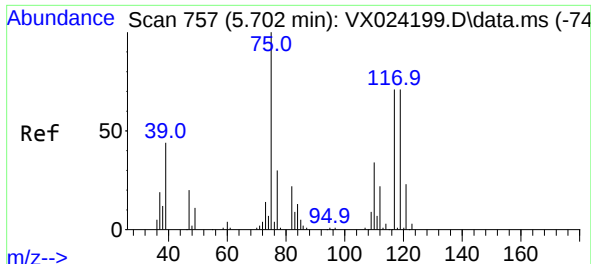


#35
Dibromofluoromethane
Concen: 45.806 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

Tgt Ion:113 Resp: 84589

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	19.3	16.7	25.1

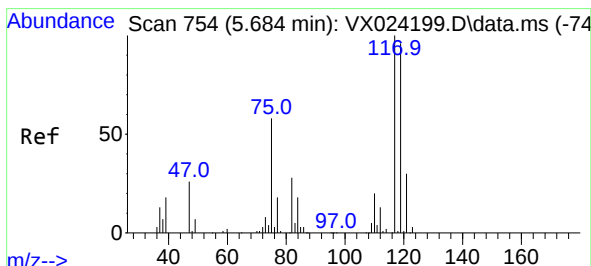
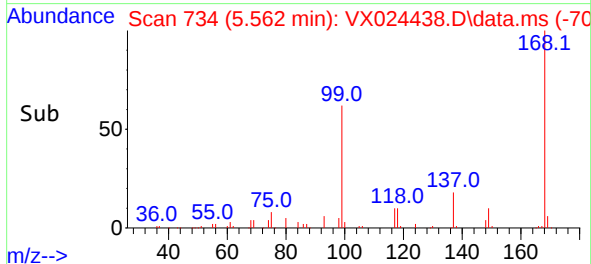
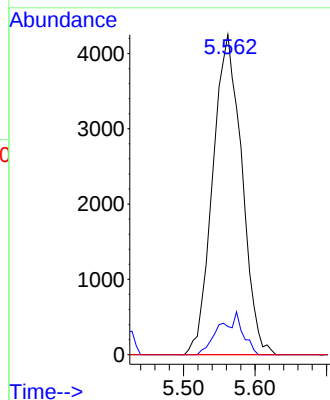
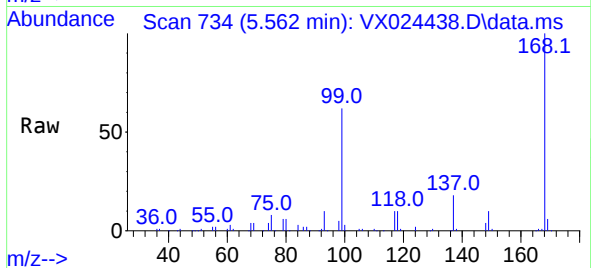




#36
1,1-Dichloropropene
Concen: 4.738 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

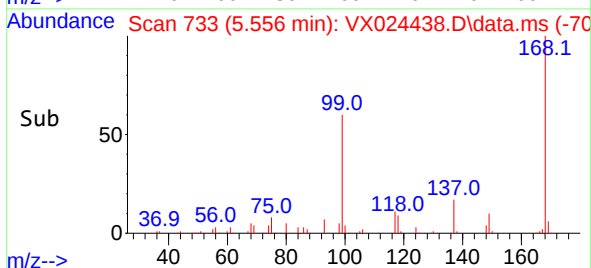
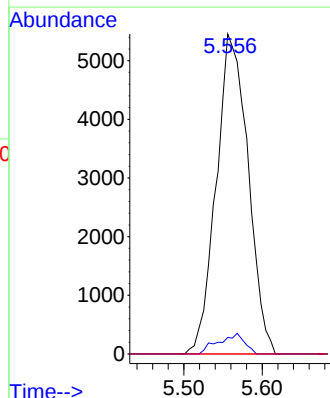
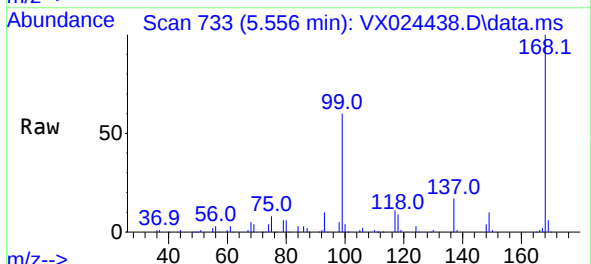
Instrument :
MSVOA_X
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WASTE-PRE-CLASSME

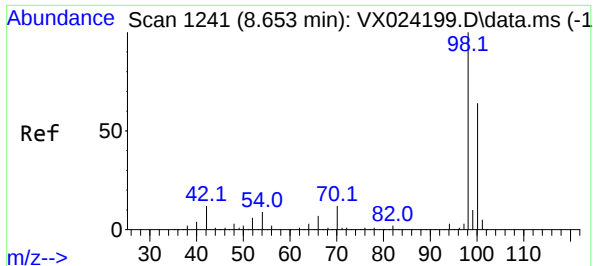
Tgt Ion: 75	Resp: 11994
Ion Ratio	Lower Upper
75 100	
110 10.7	18.1 54.4#
77 0.0	25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.402 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

Tgt Ion: 117	Resp: 15393
Ion Ratio	Lower Upper
117 100	
119 5.1	76.2 114.2#
121 0.0	24.8 37.2#

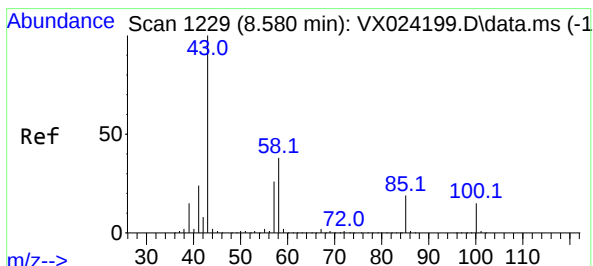
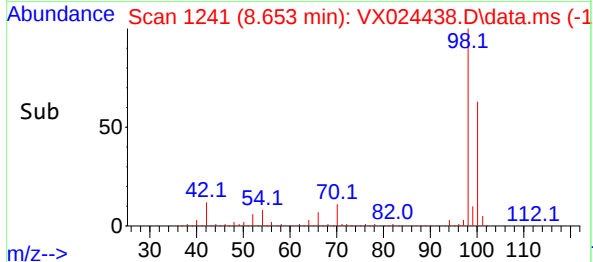
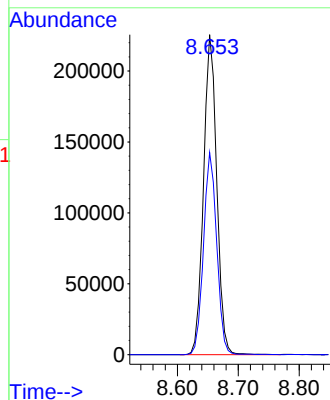
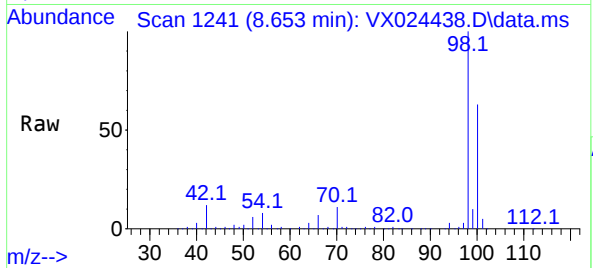




#50
Toluene-d8
Concen: 50.639 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

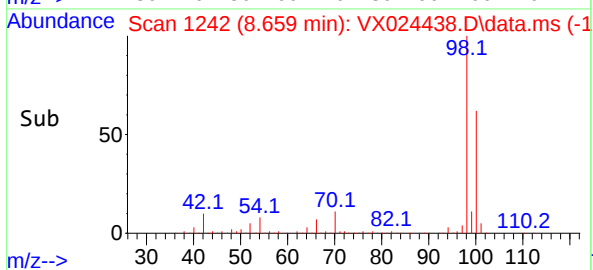
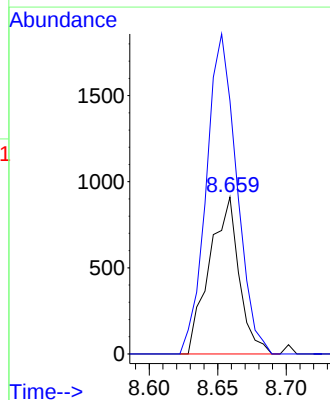
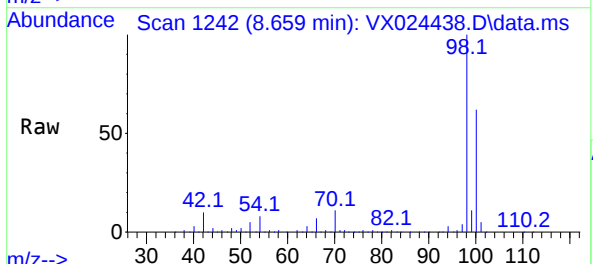
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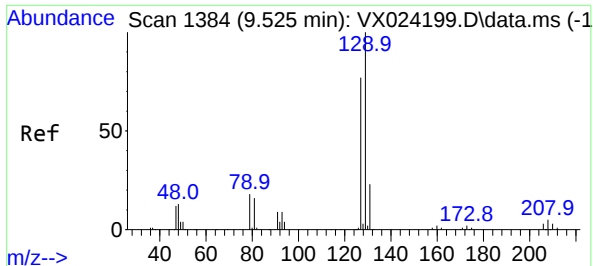
Tgt Ion: 98 Resp: 340663
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.458 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

Tgt Ion: 43 Resp: 1371
Ion Ratio Lower Upper
43 100
58 209.2 35.4 53.0#

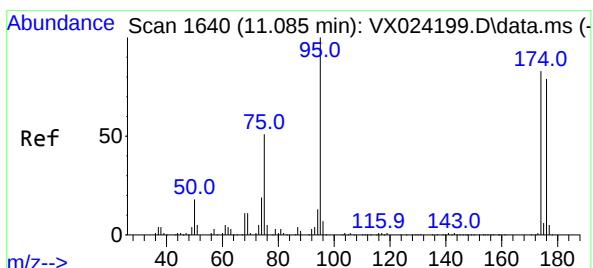
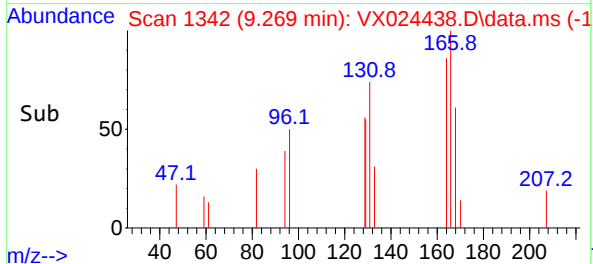
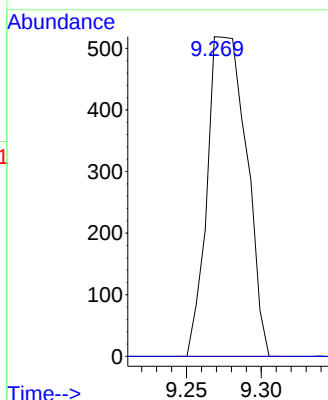
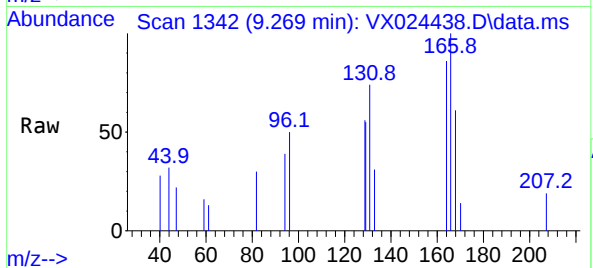




#60
Dibromochloromethane
Concen: 2.124 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

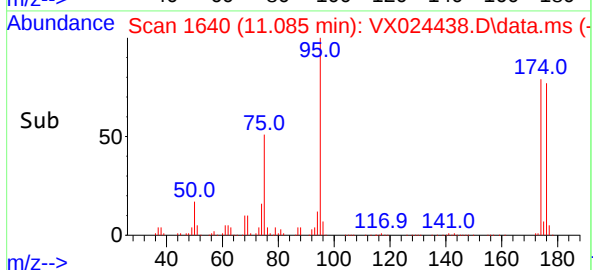
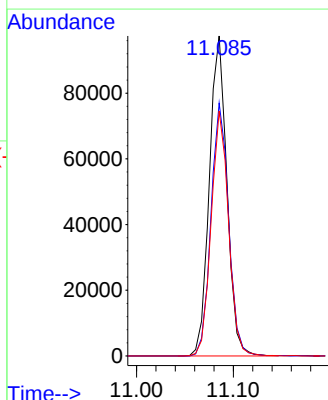
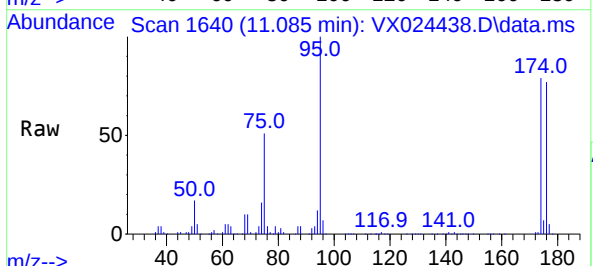
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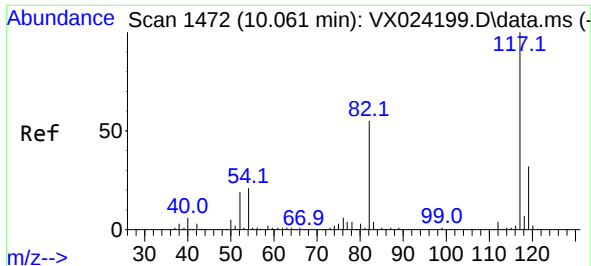
Tgt Ion:129 Resp: 947
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.771 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

Tgt Ion: 95 Resp: 122449
Ion Ratio Lower Upper
95 100
174 79.3 0.0 154.6
176 75.9 0.0 155.8

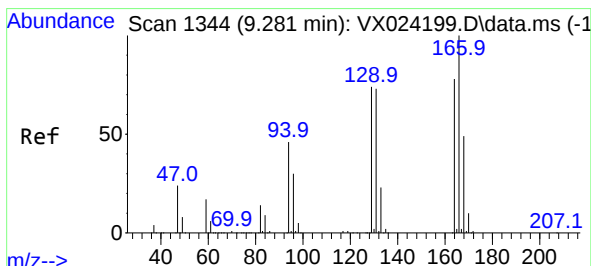
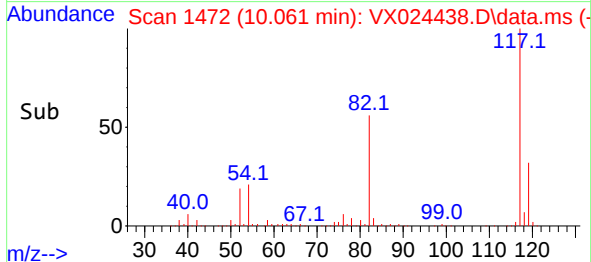
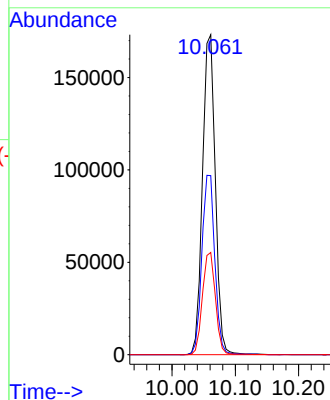
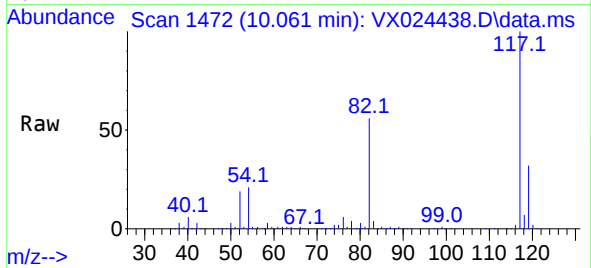




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

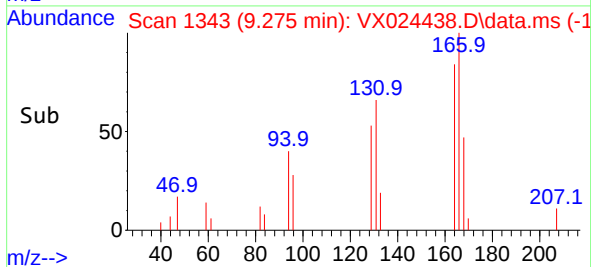
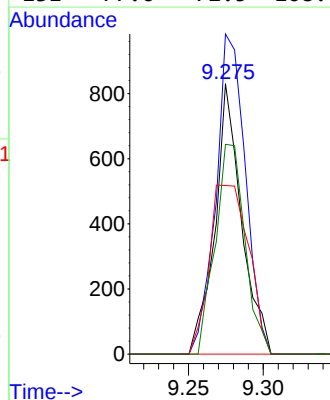
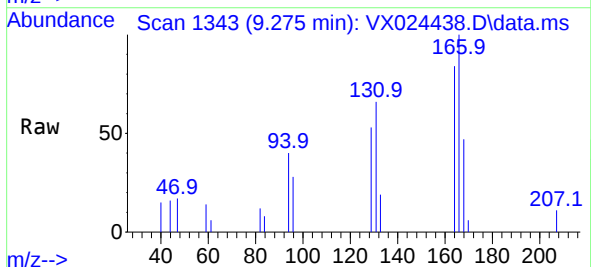
Instrument :
MSVOA_X
ClientSampleId :
WASTE-PRE-CLASSME

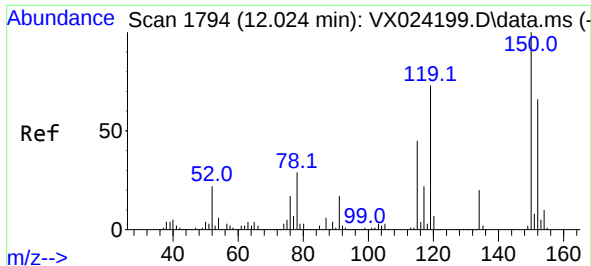
Tgt Ion:117 Resp: 244859
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 32.0 26.6 39.8



#64
Tetrachloroethene
Concen: 0.540 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

Tgt Ion:164 Resp: 1024
Ion Ratio Lower Upper
164 100
166 118.4 103.4 155.2
129 62.4 70.8 106.2#
131 77.6 72.5 108.7

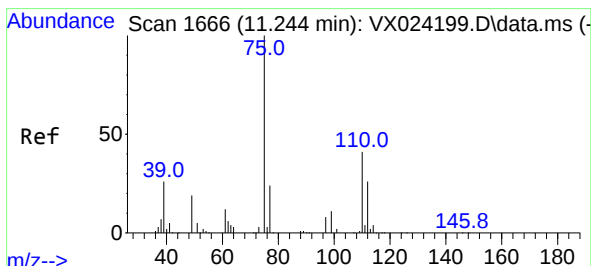
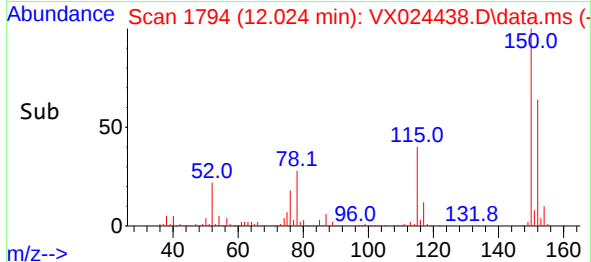
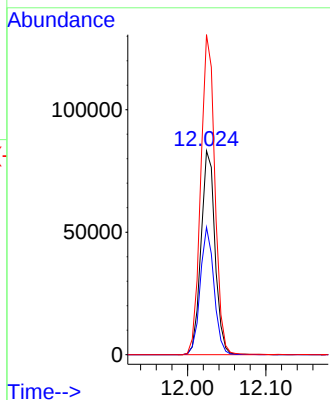
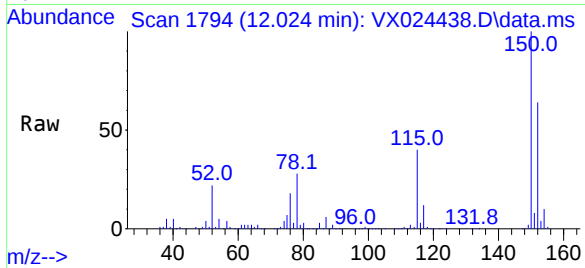




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

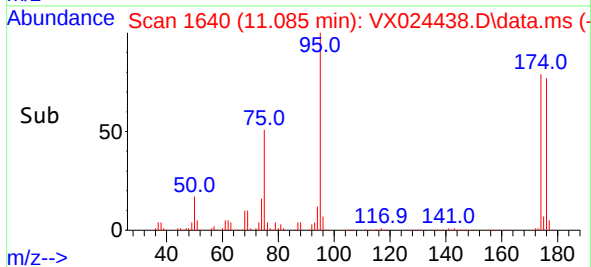
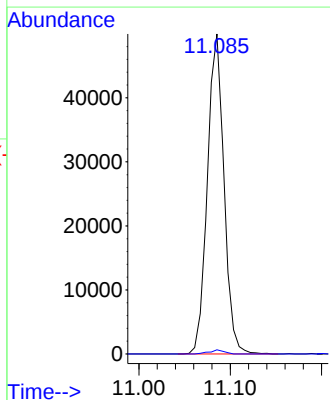
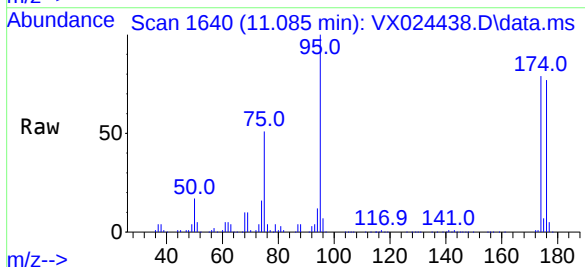
Instrument :
MSVOA_X
ClientSampleId :
WASTE-PRE-CLASSME

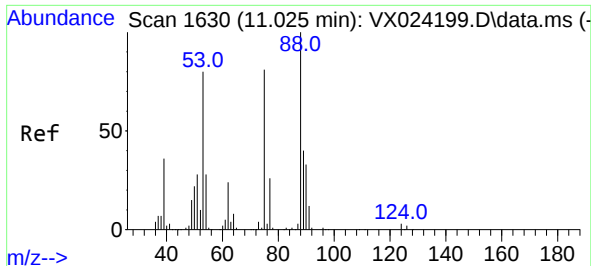
Tgt Ion:152 Resp: 103182
Ion Ratio Lower Upper
152 100
115 61.4 41.1 123.3
150 158.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.592 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

Tgt Ion: 75 Resp: 63092
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

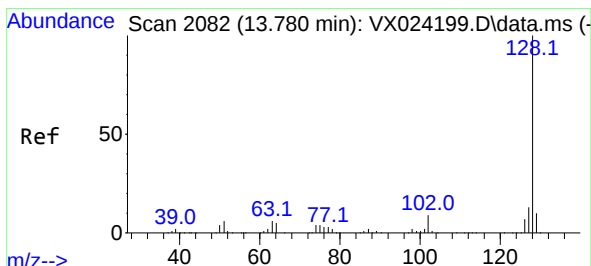
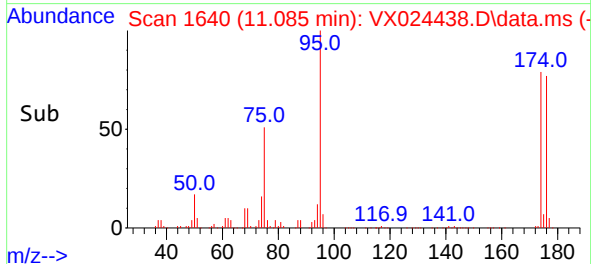
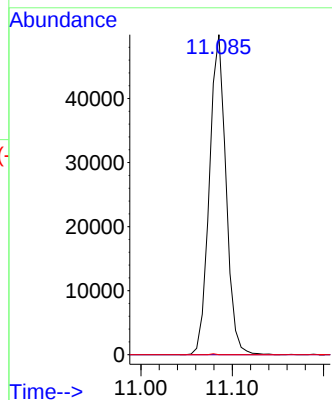
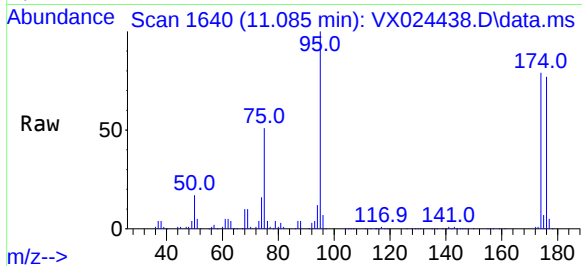




#81
trans-1,4-Dichloro-2-butene
Concen: 78.208 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

Instrument :
MSVOA_X
ClientSampleId :
WASTE-PRE-CLASSME

Tgt Ion: 75 Resp: 63092
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.294 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024438.D
Acq: 22 Sep 2021 16:41

Tgt Ion:128 Resp: 49
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

