

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\Not Reviewed Data\
 Data File : VX024437.D
 Acq On : 22 Sep 2021 16:18
 Operator : JC/MD
 Sample : M3772-01ME 20X
 Misc : 7.38g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 22 18:04:29 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)

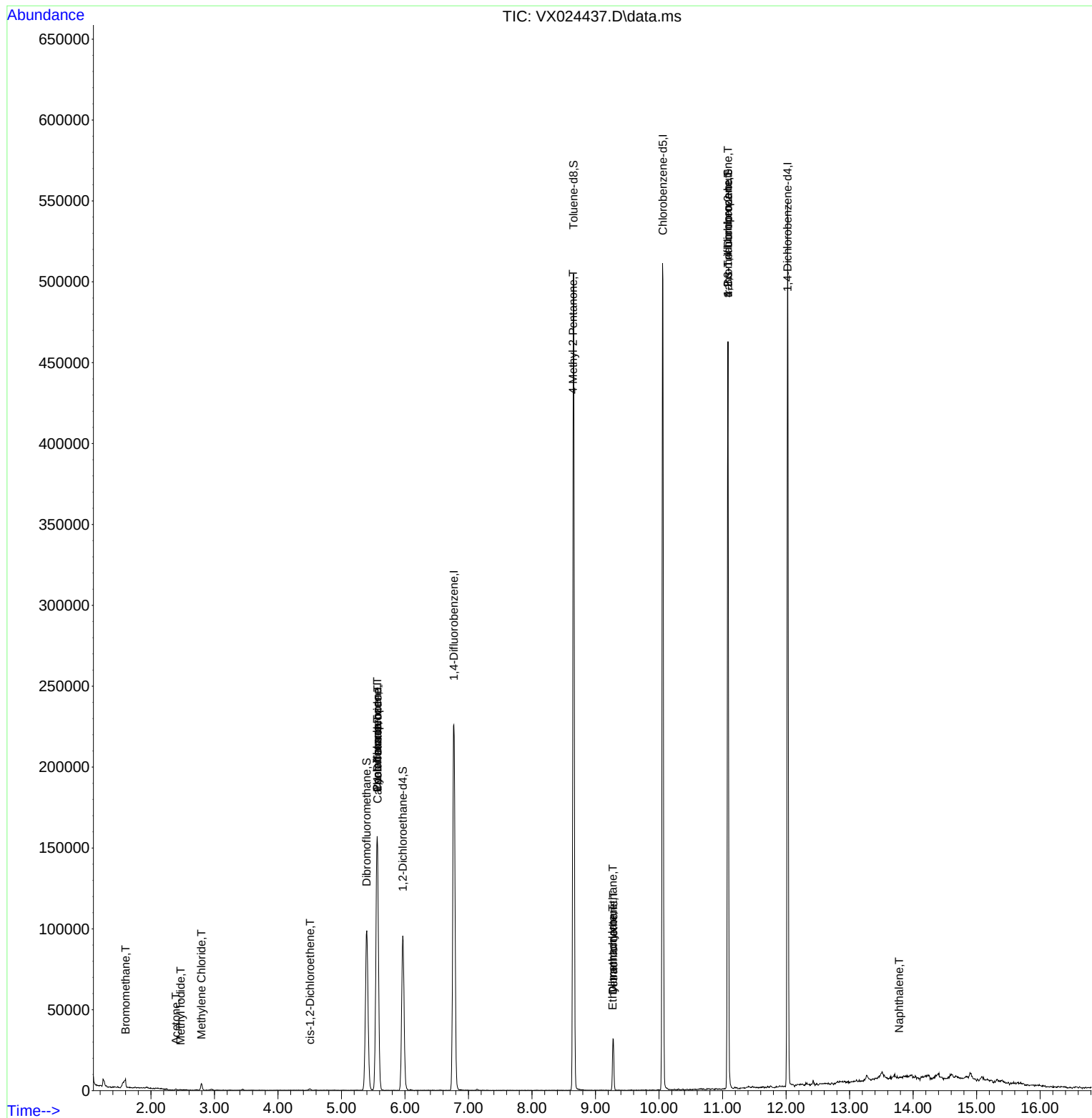
Internal Standards						
1) Pentafluorobenzene	5.562	168	148689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	232406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97358	45.918	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	91.840%	
35) Dibromofluoromethane	5.397	113	86268	54.613	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.220%	
50) Toluene-d8	8.653	98	288897	50.204	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.400%	
62) 4-Bromofluorobenzene	11.085	95	120148	53.651	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	107.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	343	0.388	ug/l #	46
10) Methyl Iodide	2.465	142	414	0.204	ug/l #	68
11) Tert butyl alcohol	2.953	59	293	Below Cal	#	73
16) Acetone	2.392	43	705	0.780	ug/l #	82
20) Methylene Chloride	2.794	84	1860	1.071	ug/l #	83
27) cis-1,2-Dichloroethene	4.507	96	471	0.272	ug/l	92
31) Cyclohexane	5.562	56	2889	1.165	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11504	5.312	ug/l #	50
38) Carbon Tetrachloride	5.568	117	15772	6.471	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1355	0.529	ug/l #	1
56) Ethyl methacrylate	9.268	69	25	1.371	ug/l #	1
60) Dibromochloromethane	9.275	129	5653	4.502	ug/l #	11
64) Tetrachloroethene	9.281	164	6295	3.496	ug/l	88
76) 1,2,3-Trichloropropane	11.085	75	63577	24.935	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	63577	73.334	ug/l #	12
95) Naphthalene	13.780	128	838	1.390	ug/l #	62

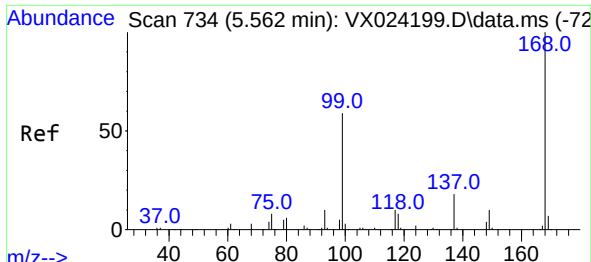
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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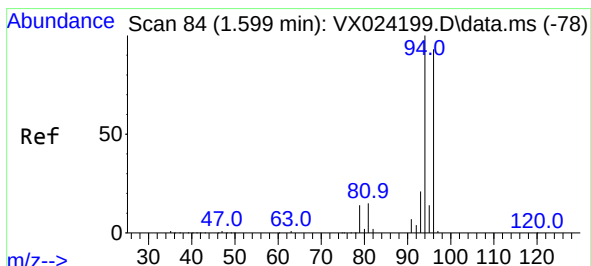
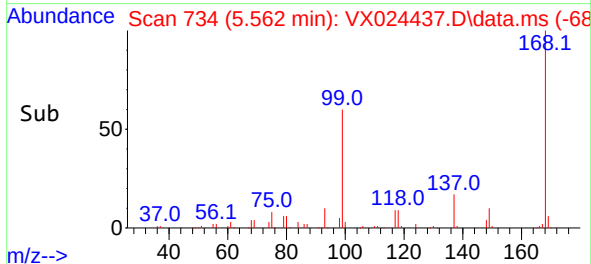
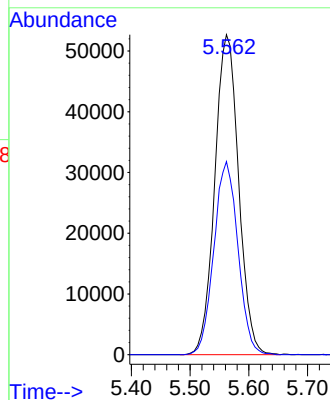
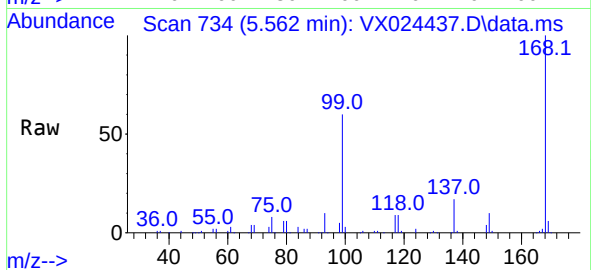




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

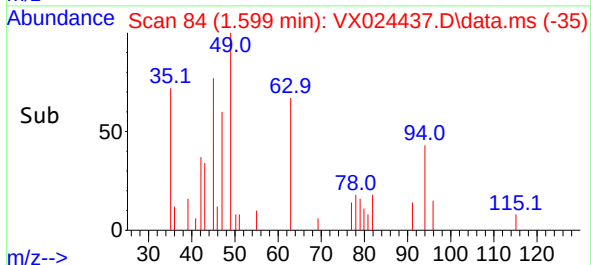
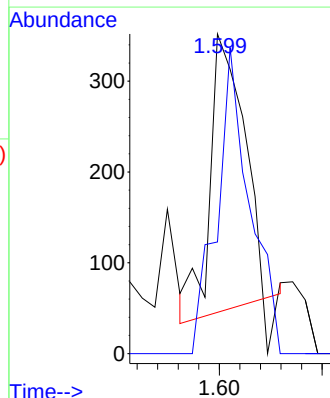
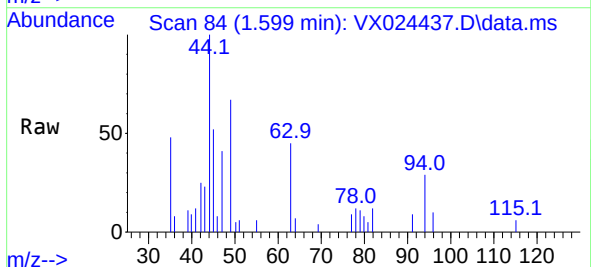
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

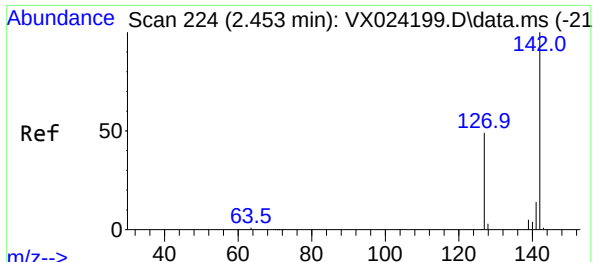
Tgt Ion:168 Resp: 148689
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#5
Bromomethane
Concen: 0.388 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 43.0 76.4 114.6#

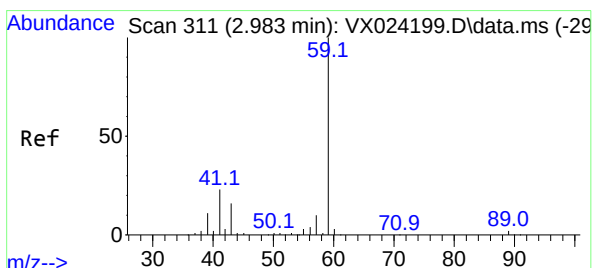
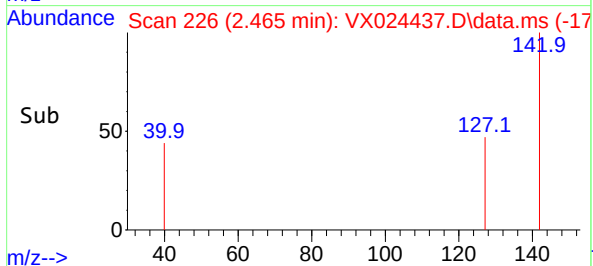
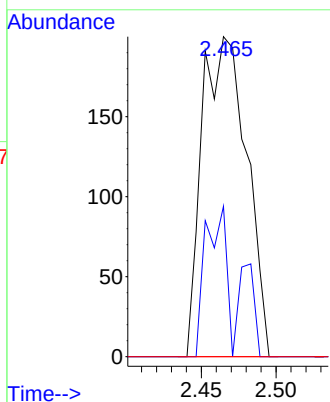
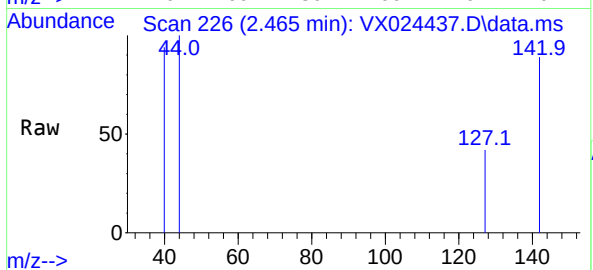




#10
Methyl Iodide
Concen: 0.204 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

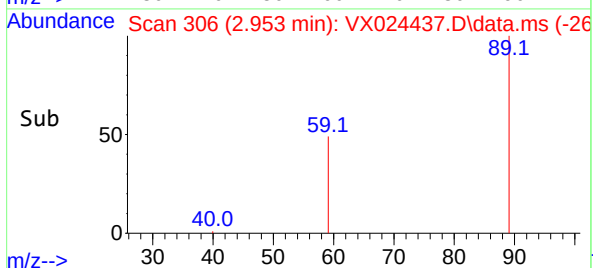
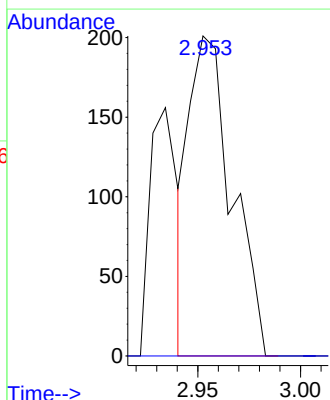
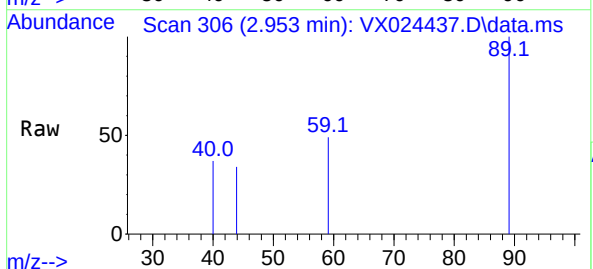
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

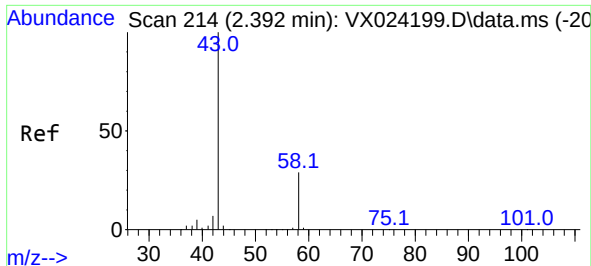
Tgt Ion:142 Resp: 414
Ion Ratio Lower Upper
142 100
127 21.7 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

Tgt Ion: 59 Resp: 293
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

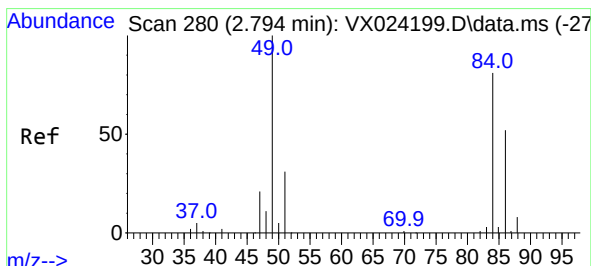
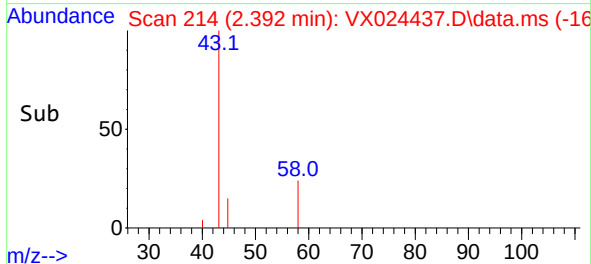
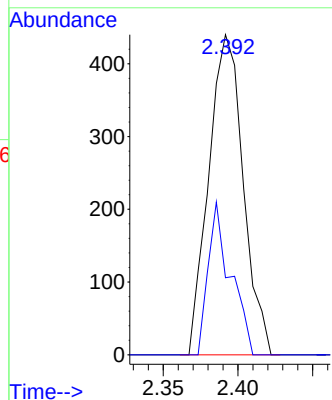
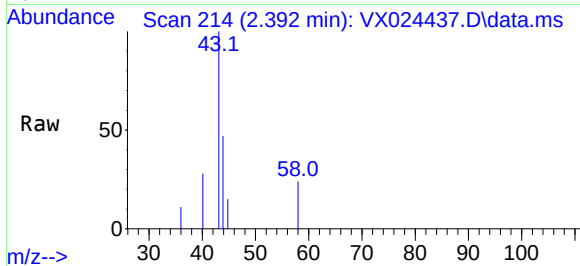




#16
Acetone
Concen: 0.780 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

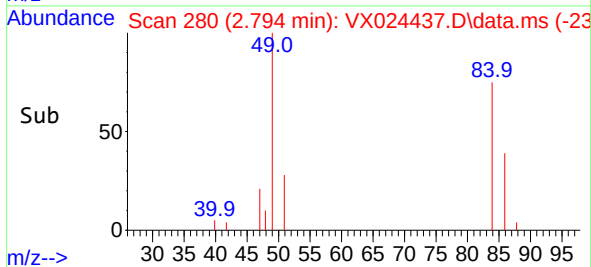
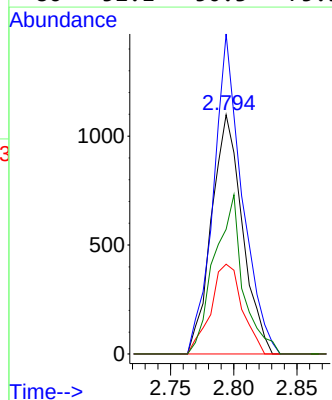
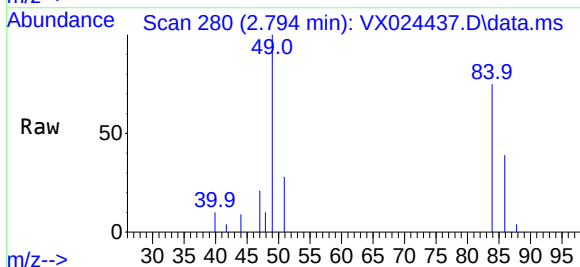
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

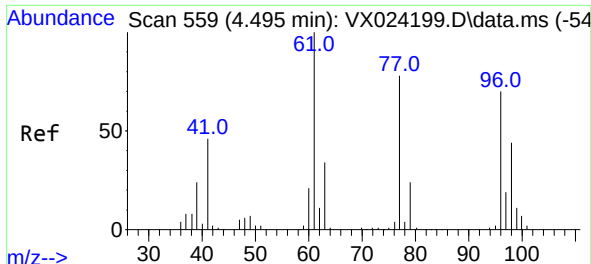
Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#



#20
Methylene Chloride
Concen: 1.071 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

Tgt Ion: 84 Resp: 1860
Ion Ratio Lower Upper
84 100
49 133.8 88.6 132.8#
51 37.5 27.0 40.6
86 52.1 50.3 75.5



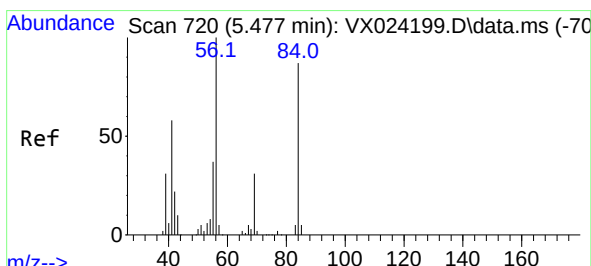
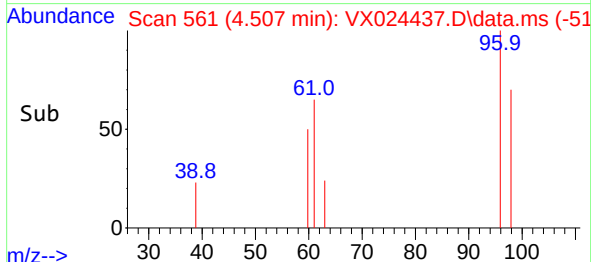
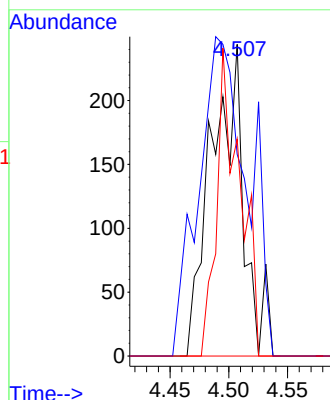
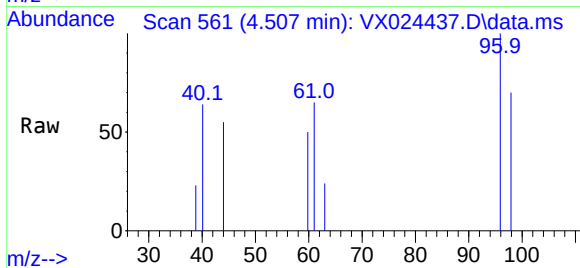


#27
cis-1,2-Dichloroethene
Concen: 0.272 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.012 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

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

Tgt Ion: 96 Resp: 471

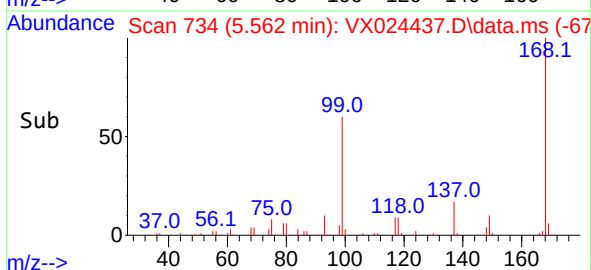
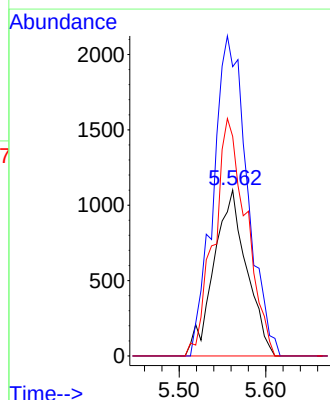
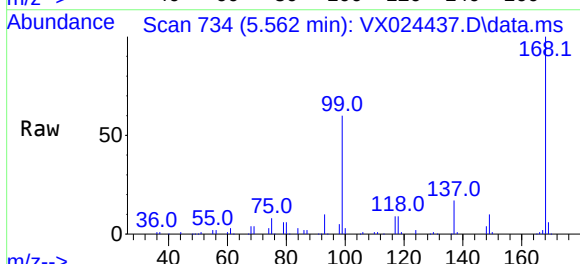
Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	285.6
98	70.7	0.0	129.6

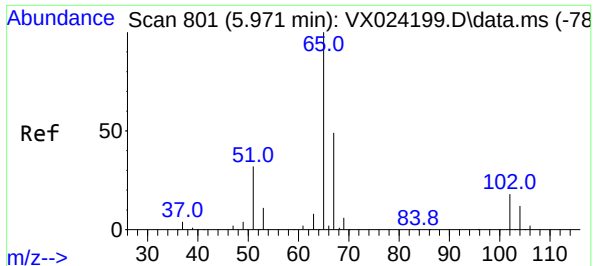


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

Tgt Ion: 56 Resp: 2889

Ion	Ratio	Lower	Upper
56	100		
69	174.3	25.3	37.9#
84	132.2	71.4	107.0#



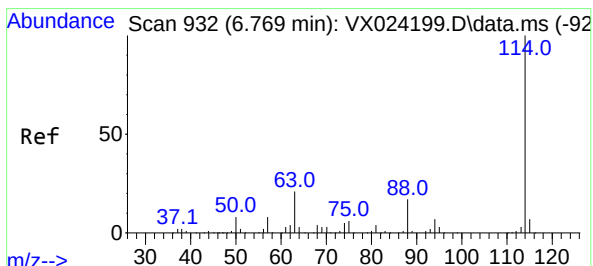
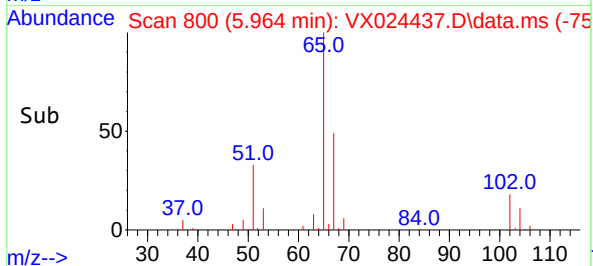
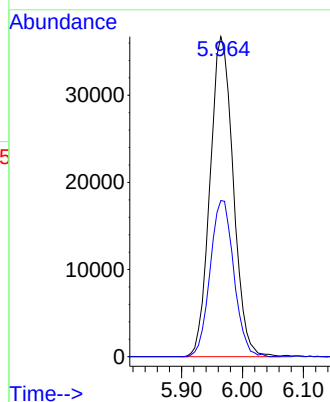
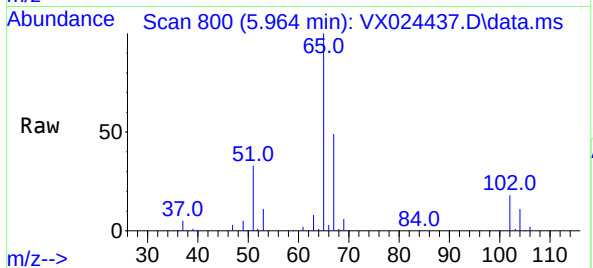


#33

1,2-Dichloroethane-d4
Concen: 45.918 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

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ClientSampleId :
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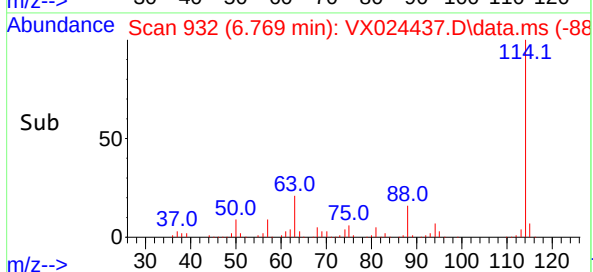
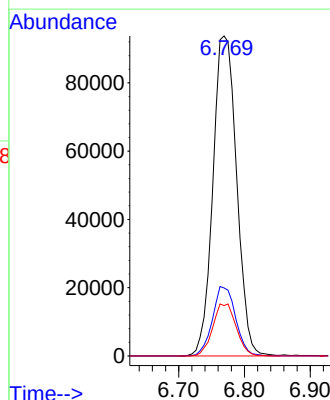
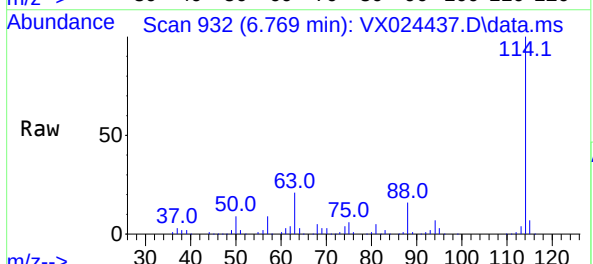
Tgt Ion: 65 Resp: 97358
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

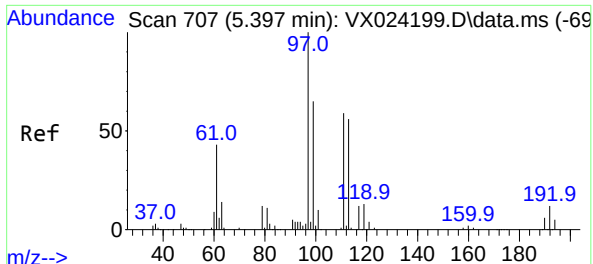


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

Tgt Ion: 114 Resp: 235537
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.613 ug/l

RT: 5.397 min Scan# 707

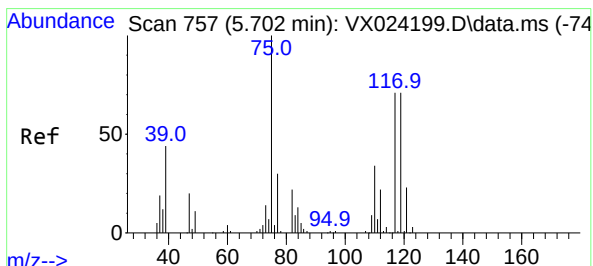
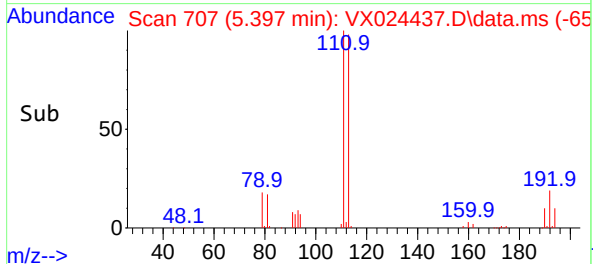
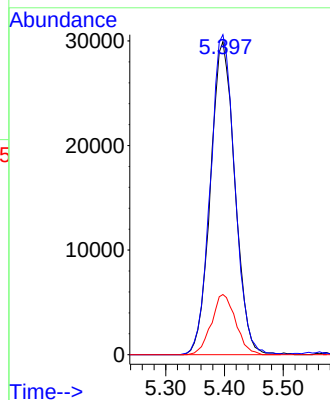
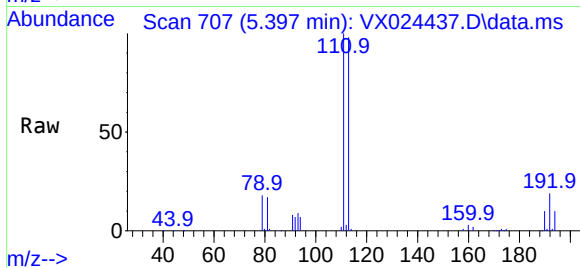
Delta R.T. 0.000 min

Lab File: VX024437.D

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Tgt Ion:	113	Resp:	86268
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	19.1	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 5.312 ug/l

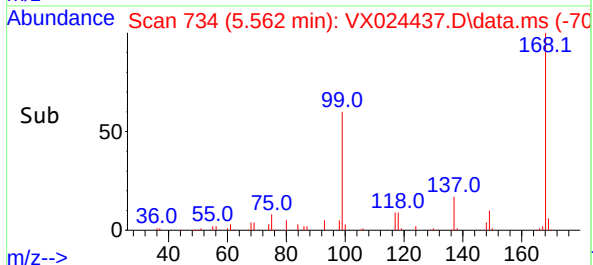
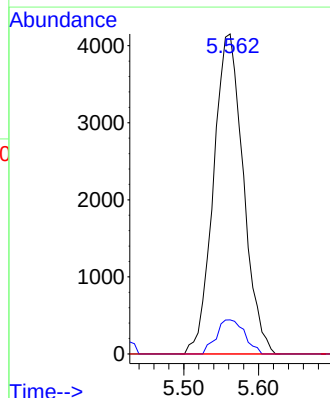
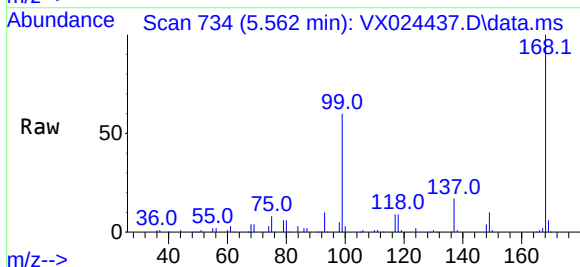
RT: 5.562 min Scan# 734

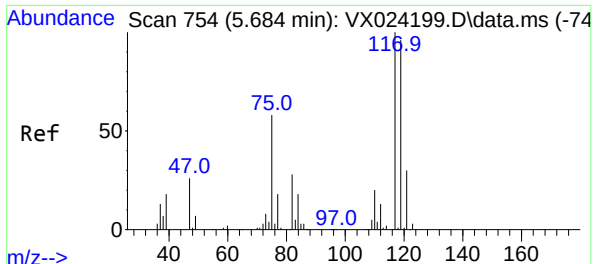
Delta R.T. -0.140 min

Lab File: VX024437.D

Acq: 22 Sep 2021 16:18

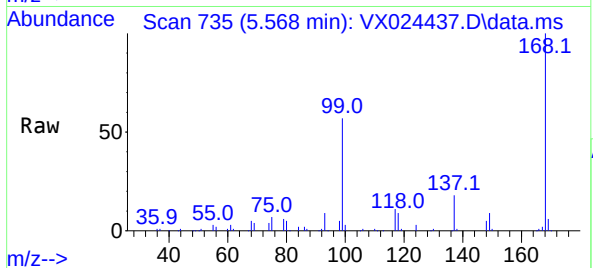
Tgt Ion:	75	Resp:	11504
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	25.3	37.9#



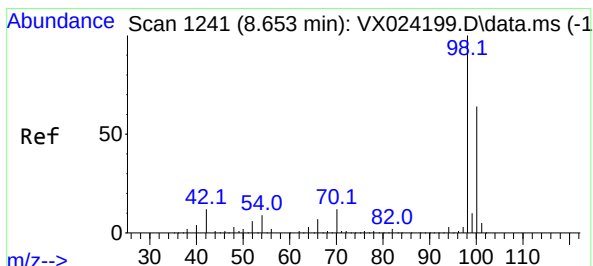
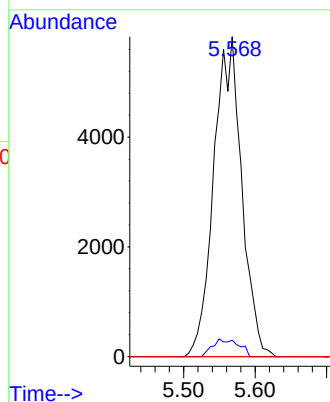
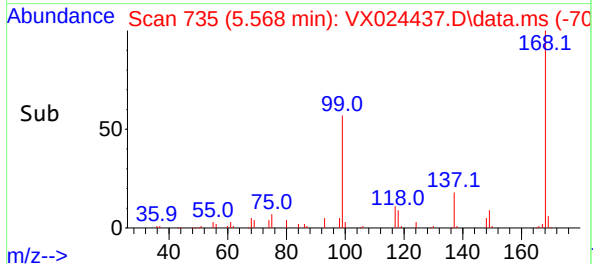


#38
Carbon Tetrachloride
Concen: 6.471 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

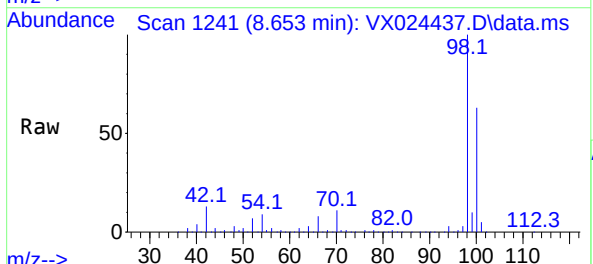
Instrument :
MSVOA_X
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PRE-CLASS-WASTE-1ME



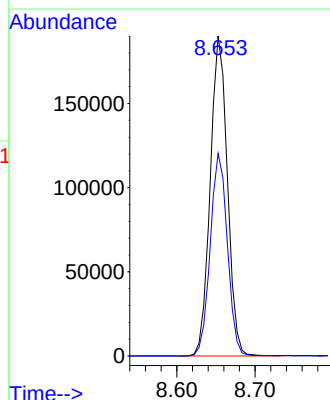
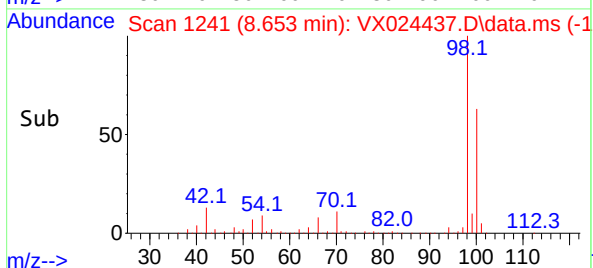
Tgt Ion:117 Resp: 15772
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

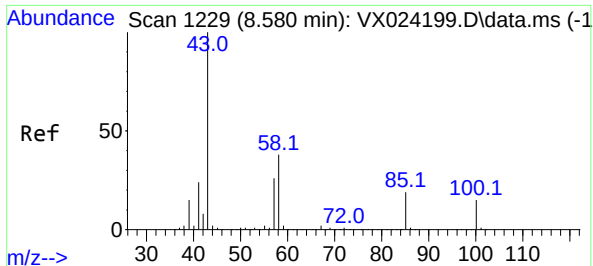


#50
Toluene-d8
Concen: 50.204 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18



Tgt Ion: 98 Resp: 288897
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

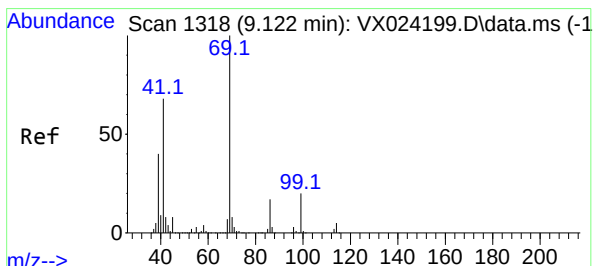
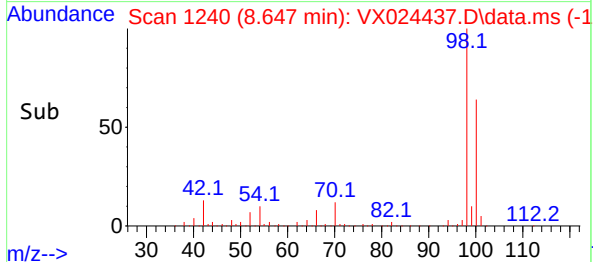
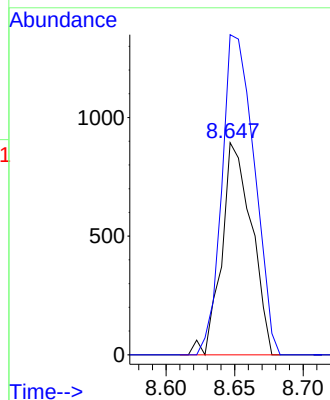
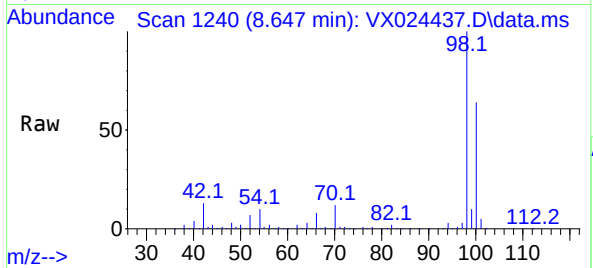




#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

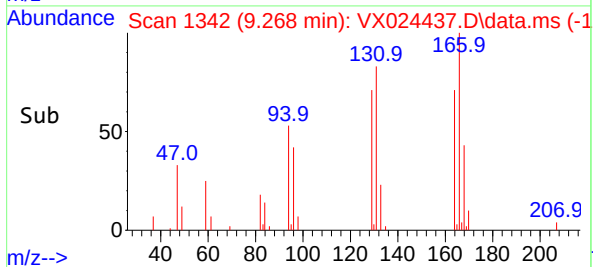
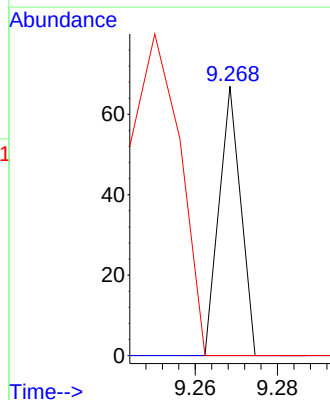
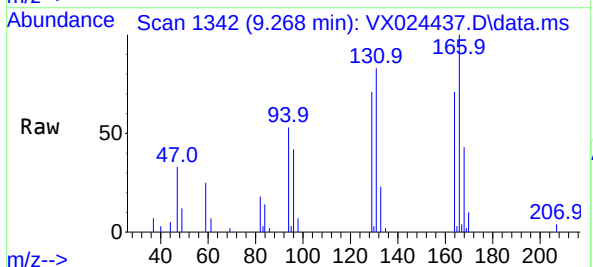
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

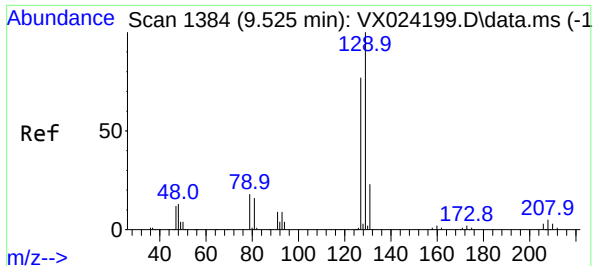
Tgt Ion: 43 Resp: 1355
Ion Ratio Lower Upper
43 100
58 164.1 35.4 53.0#



#56
Ethyl methacrylate
Concen: 1.371 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. 0.146 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

Tgt Ion: 69 Resp: 25
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 272.0 24.7 37.1#

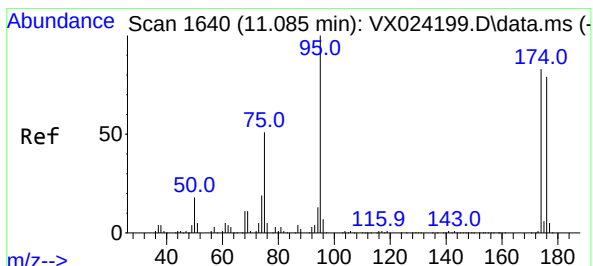
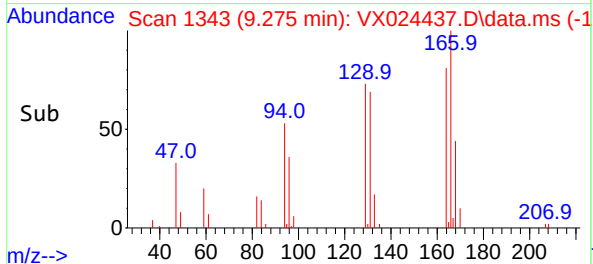
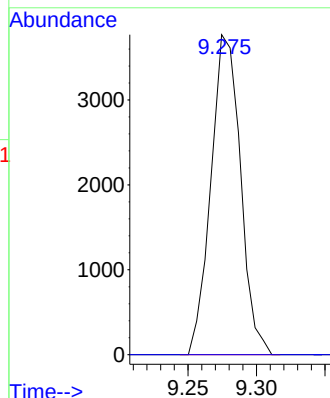
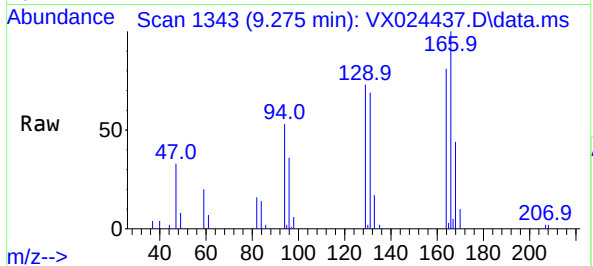




#60
Dibromochloromethane
Concen: 4.502 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

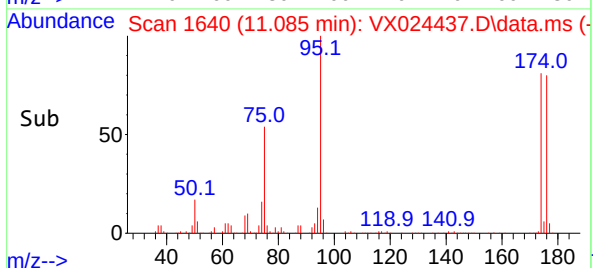
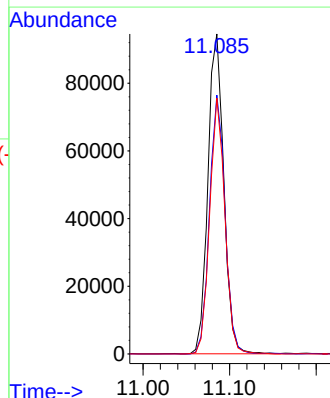
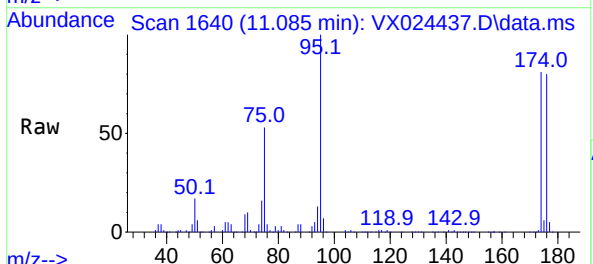
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

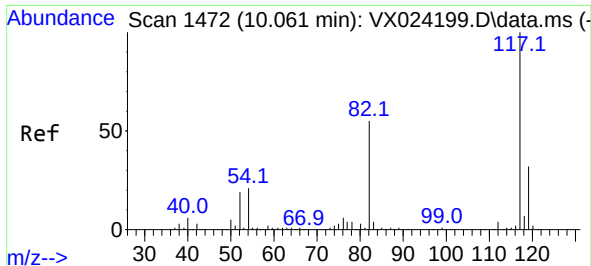
Tgt Ion:129 Resp: 5653
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 53.651 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

Tgt Ion: 95 Resp: 120148
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 76.5 0.0 155.8

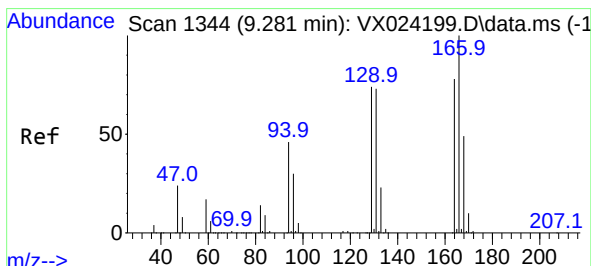
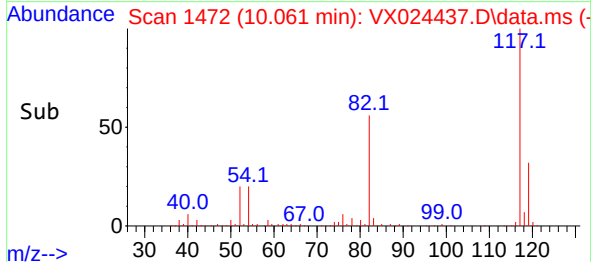
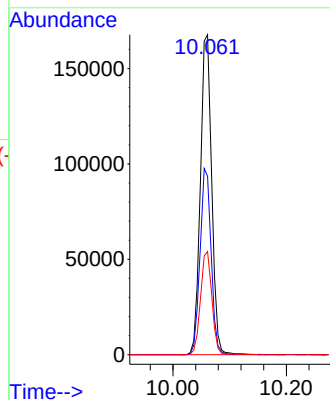
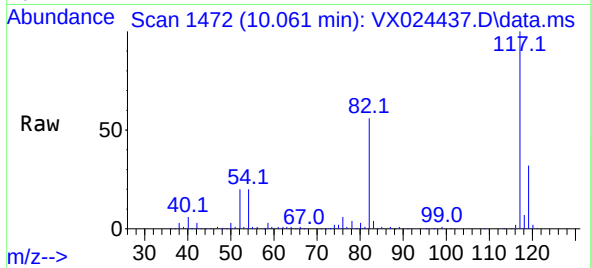




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

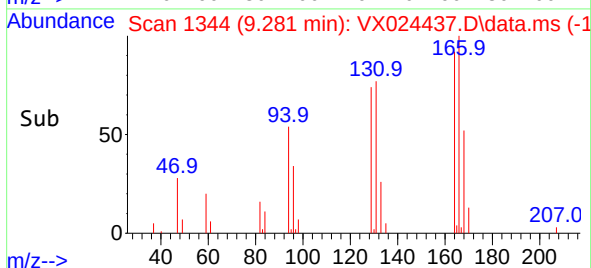
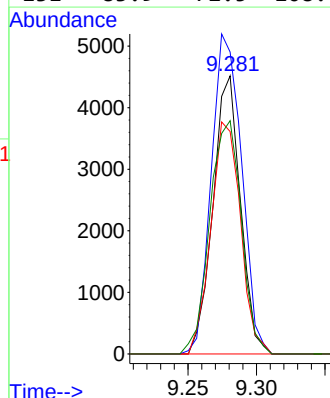
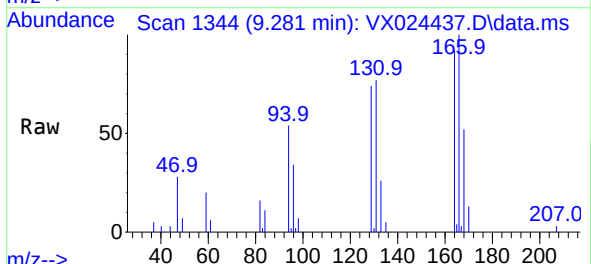
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

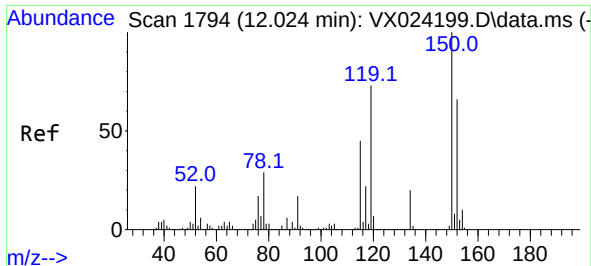
Tgt Ion:117 Resp: 232406
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 32.2 26.6 39.8



#64
Tetrachloroethene
Concen: 3.496 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

Tgt Ion:164 Resp: 6295
Ion Ratio Lower Upper
164 100
166 108.6 103.4 155.2
129 80.0 70.8 106.2
131 83.9 72.5 108.7

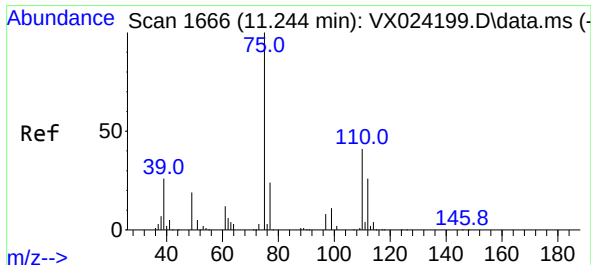
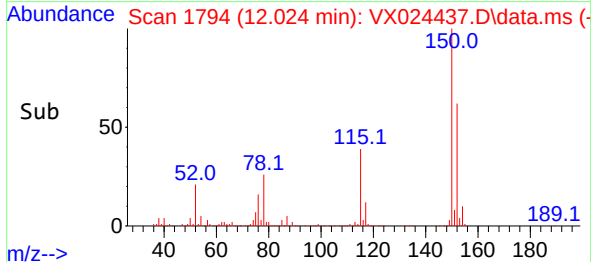
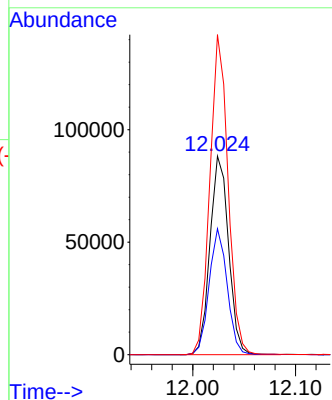
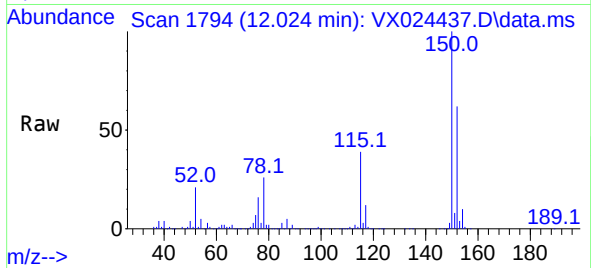




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

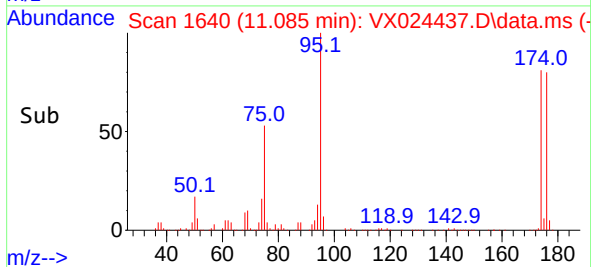
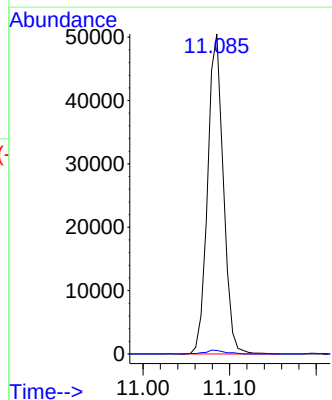
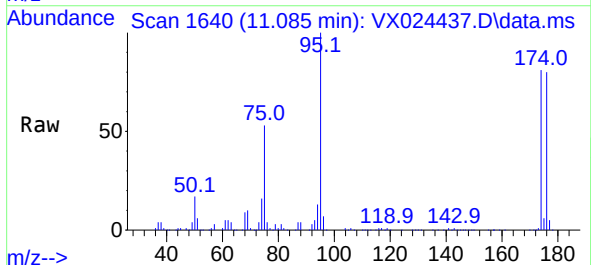
Instrument :
MSVOA_X
ClientSampleId :
PRE-CLASS-WASTE-1ME

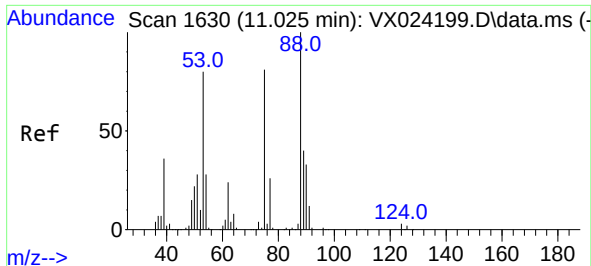
Tgt Ion:152 Resp: 110885
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 157.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.935 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

Tgt Ion: 75 Resp: 63577
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#

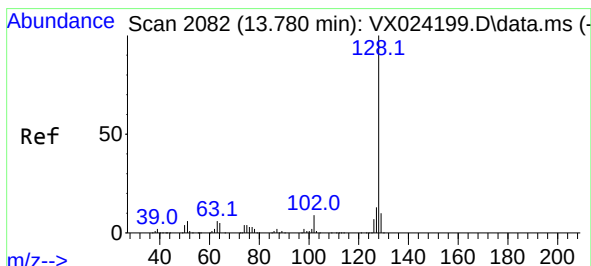
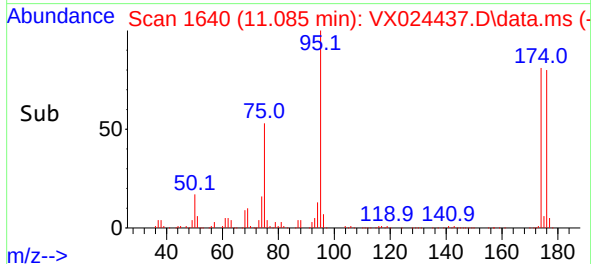
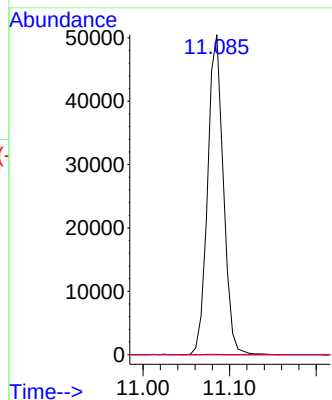
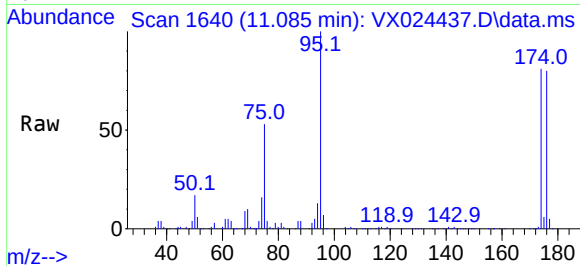




#81
trans-1,4-Dichloro-2-butene
Concen: 73.334 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

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

Tgt Ion: 75 Resp: 63577
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.390 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024437.D
Acq: 22 Sep 2021 16:18

Tgt Ion: 128 Resp: 838
Ion Ratio Lower Upper
128 100
127 2.9 10.3 15.5#
129 31.4 8.8 13.2#

