

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070645.D
 Acq On : 17 Jan 2022 15:13
 Operator : JC/MD
 Sample : N1124-03ME
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-CLASS-BOILER-PITME

Quant Time: Jan 17 17:04:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	1284647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2147570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1733049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	774441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.431	65	931526	50.432	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.860%			
35) Dibromofluoromethane	8.016	113	646351	49.743	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.480%			
50) Toluene-d8	10.440	98	2585696	48.712	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.420%			
62) 4-Bromofluorobenzene	12.731	95	967405	50.460	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.920%			
Target Compounds						Qvalue
6) Chloroethane	2.931	64	2827	0.260	ug/l #	66
11) Tert butyl alcohol	5.299	59	22076	7.178	ug/l #	71
13) Acrolein	4.025	56	578	0.232	ug/l #	74
16) Acetone	4.301	43	40502	3.378	ug/l	98
18) Methyl Acetate	4.856	43	15415	0.444	ug/l #	68
25) 2-Butanone	7.351	43	159225	10.547	ug/l	90
29) Tetrahydrofuran	7.697	42	10946	1.215	ug/l #	44
31) Cyclohexane	8.080	56	28258	0.969	ug/l #	1
36) 1,1-Dichloropropene	8.077	75	101511	4.722	ug/l #	48
37) Ethyl Acetate	7.351	43	159225	5.715	ug/l #	68
38) Carbon Tetrachloride	8.077	117	126583	6.167	ug/l #	16
48) Methyl methacrylate	9.555	41	9039	0.431	ug/l #	44
49) 1,4-Dioxane	9.582	88	365	1.190	ug/l #	27
51) 4-Methyl-2-Pentanone	10.338	43	11178	0.405	ug/l	100
52) Toluene	10.502	92	7989	0.200	ug/l	93
55) 1,1,2-Trichloroethane	10.872	97	3265	0.207	ug/l #	27
58) 2-Chloroethyl Vinyl ether	10.041	63	358	18.563	ug/l #	73
59) 2-Hexanone	11.092	43	23339	1.159	ug/l	95
68) m/p-Xylenes	11.953	106	18384	0.750	ug/l	86
69) o-Xylene	12.277	106	12515	0.513	ug/l	81
73) Isopropylbenzene	12.581	105	22379	0.311	ug/l	100
74) N-amyl acetate	12.366	43	414727	13.715	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.766	83	9861	0.821	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	491834	23.013	ug/l #	1
78) n-propylbenzene	12.918	91	101911	1.279	ug/l	95
79) 2-Chlorotoluene	12.983	91	39732	0.777	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.058	105	434833	7.545	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.731	75	491834	77.592	ug/l #	6
83) tert-Butylbenzene	13.323	119	20638	0.407	ug/l	85
84) 1,2,4-Trimethylbenzene	13.366	105	1302391	23.468	ug/l	97
85) sec-Butylbenzene	13.500	105	133774	1.942	ug/l #	73
86) p-Isopropyltoluene	13.616	119	196049	3.622	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	6288	0.227	ug/l #	1
88) 1,4-Dichlorobenzene	13.699	146	8942	0.328	ug/l #	1
89) n-Butylbenzene	13.940	91	176440	3.908	ug/l #	72
90) Hexachloroethane	14.217	117	43300	4.605	ug/l #	6

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 Quant Title : SW846 8260
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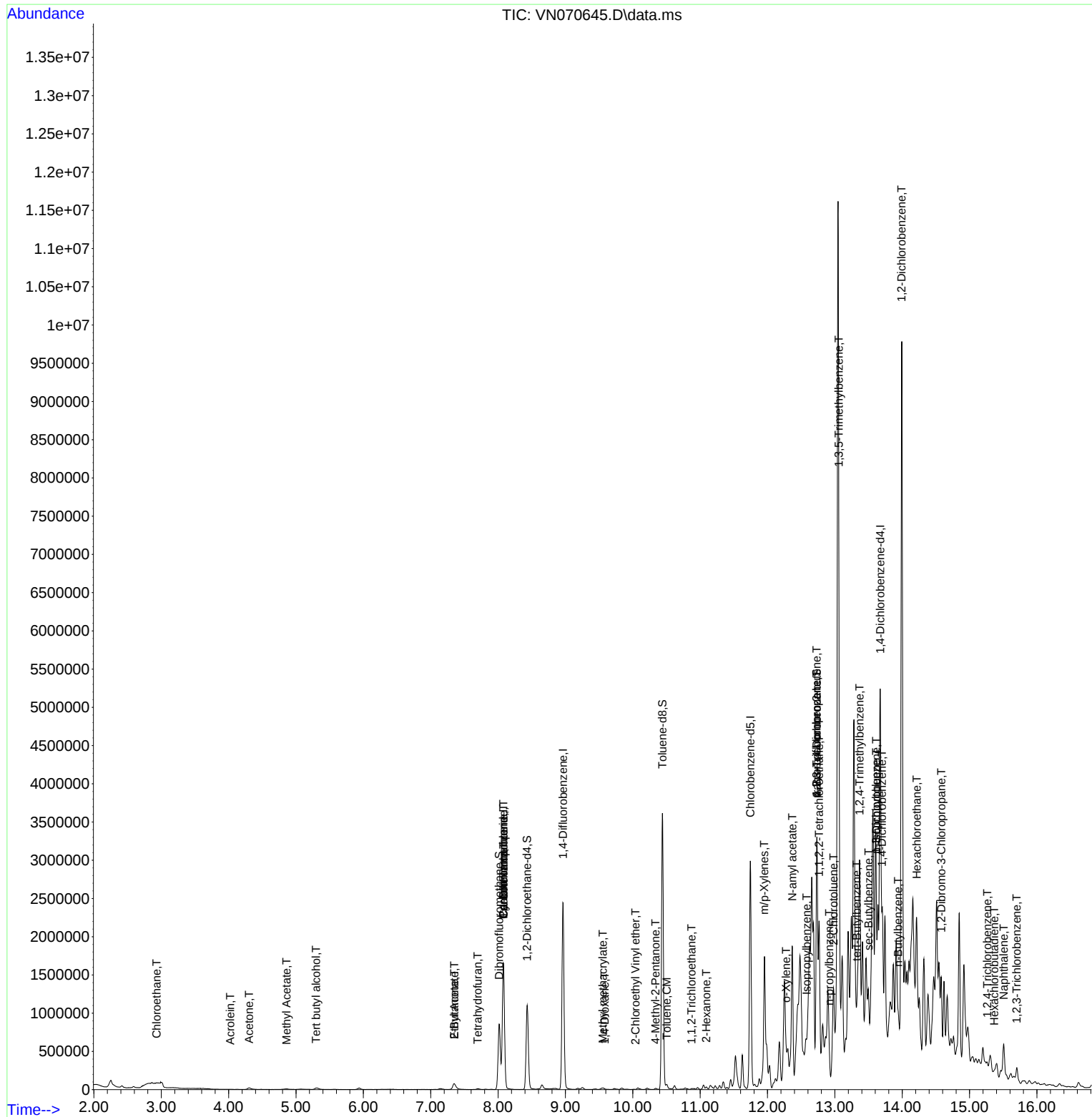
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.991	146	6947	0.256	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.579	75	3391	0.814	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.262	180	16360	1.281	ug/l #	1
94) Hexachlorobutadiene	15.367	225	1969	0.265	ug/l	90
95) Naphthalene	15.507	128	418436	13.229	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	17722	2.253	ug/l #	29

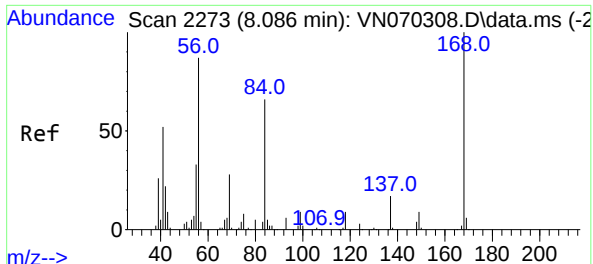
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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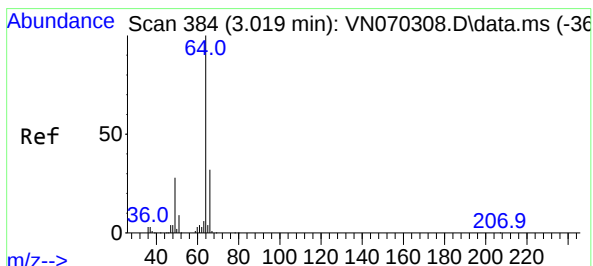
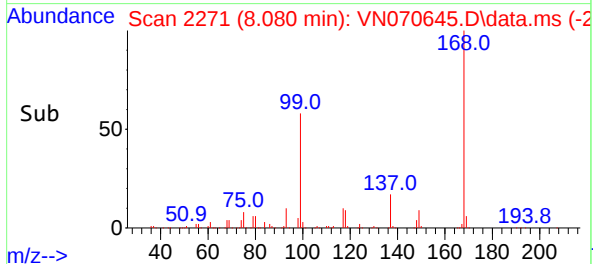
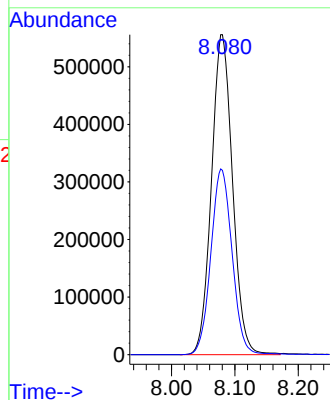
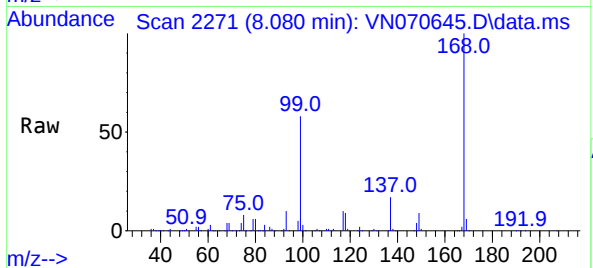




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

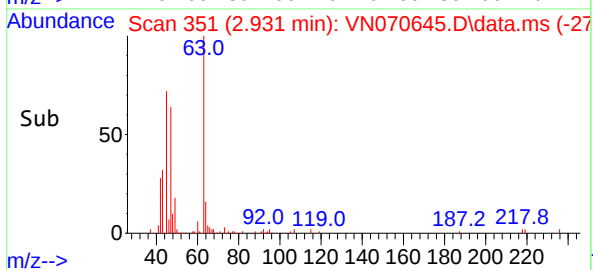
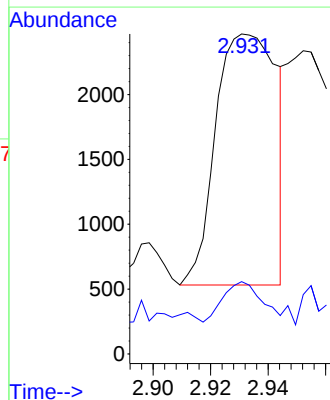
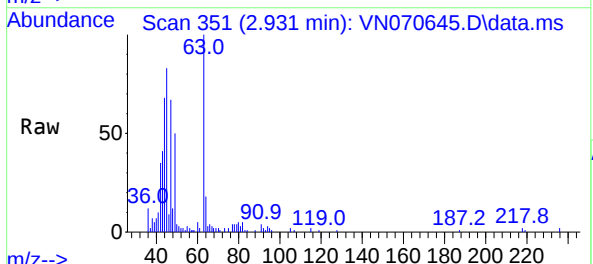
Instrument :
MSVOA_N
ClientSampleId :
WASTE-CLASS-BOILER-PITME

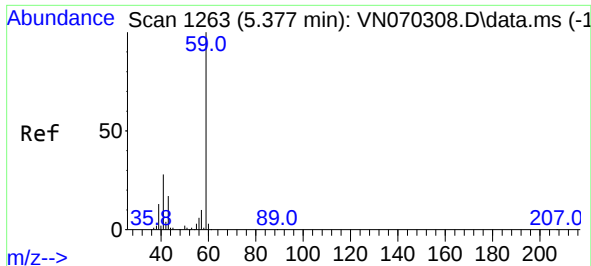
Tgt Ion:168 Resp: 1284647
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#6
Chloroethane
Concen: 0.260 ug/l
RT: 2.931 min Scan# 351
Delta R.T. -0.088 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 64 Resp: 2827
Ion Ratio Lower Upper
64 100
66 13.5 26.3 39.5#

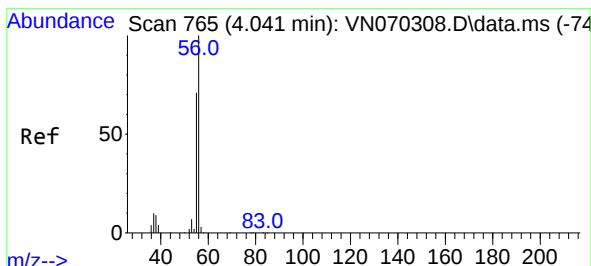
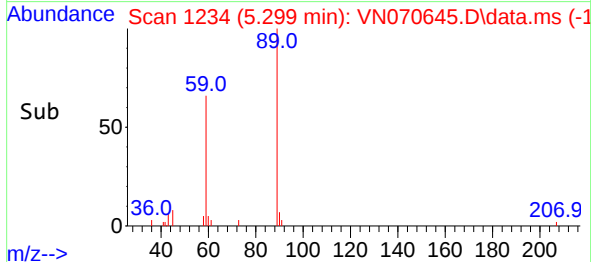
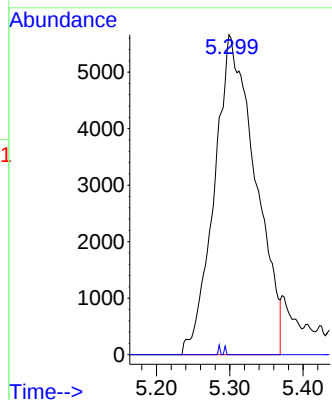
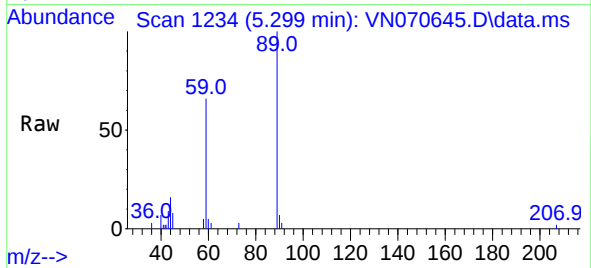




#11
Tert butyl alcohol
Concen: 7.178 ug/l
RT: 5.299 min Scan# 11
Delta R.T. -0.078 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

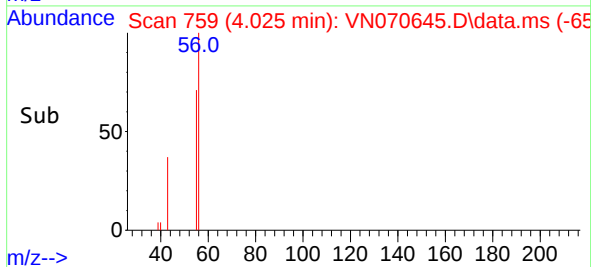
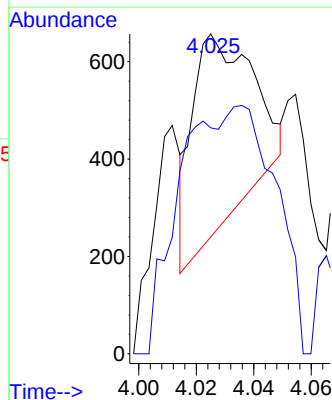
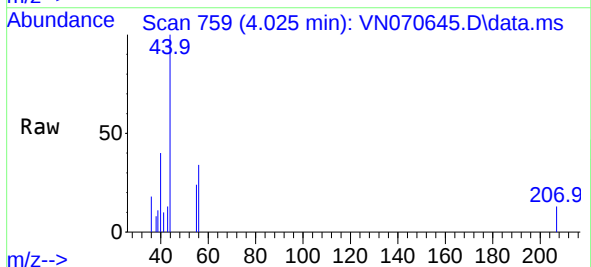
Instrument :
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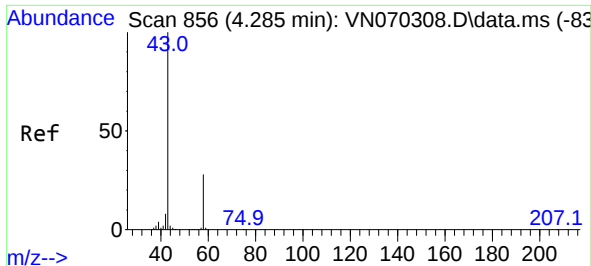
Tgt Ion: 59 Resp: 22076
Ion Ratio Lower Upper
59 100
57 0.1 8.7 13.1#



#13
Acrolein
Concen: 0.232 ug/l
RT: 4.025 min Scan# 759
Delta R.T. -0.016 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 56 Resp: 578
Ion Ratio Lower Upper
56 100
55 92.2 56.6 85.0#

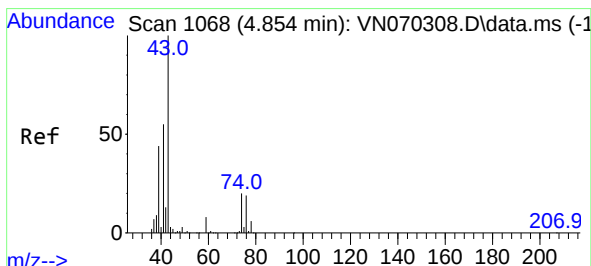
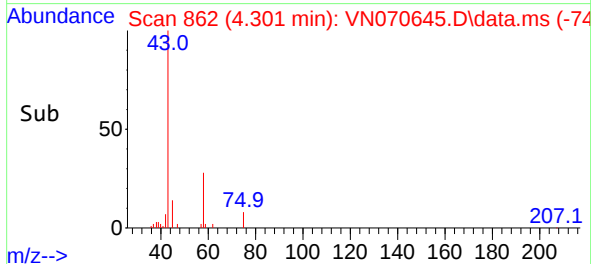
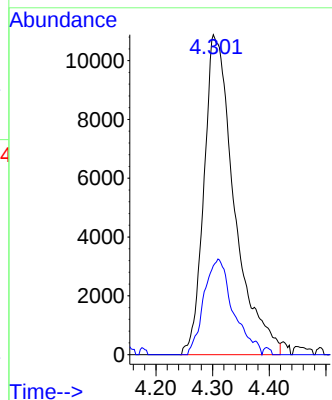
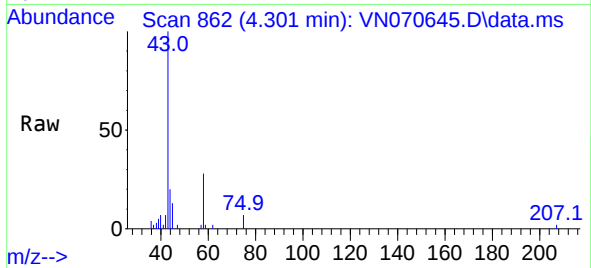




#16
Acetone
Concen: 3.378 ug/l
RT: 4.301 min Scan# 80
Delta R.T. 0.016 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

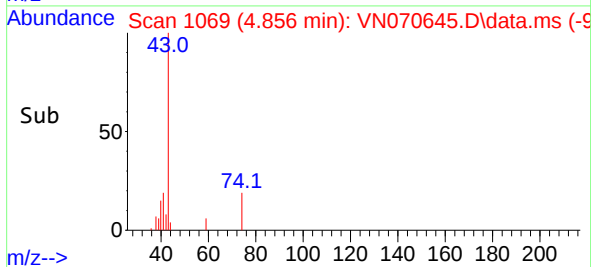
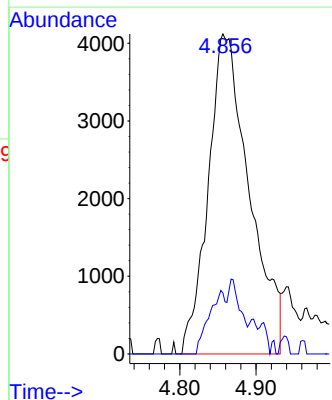
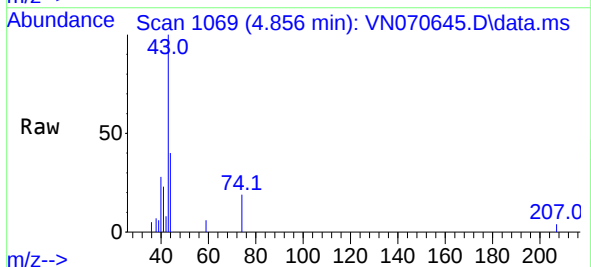
Instrument :
MSVOA_N
ClientSampleId :
WASTE-CLASS-BOILER-PITME

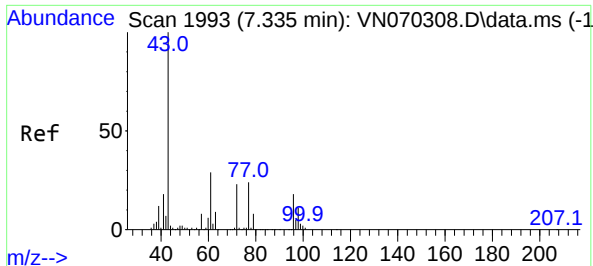
Tgt Ion: 43 Resp: 40502
Ion Ratio Lower Upper
43 100
58 27.8 23.1 34.7



#18
Methyl Acetate
Concen: 0.444 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 43 Resp: 15415
Ion Ratio Lower Upper
43 100
74 8.4 19.4 29.2#





#25

2-Butanone

Concen: 10.547 ug/l

RT: 7.351 min Scan# 1993

Delta R.T. 0.016 min

Lab File: VN070645.D

Acq: 17 Jan 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

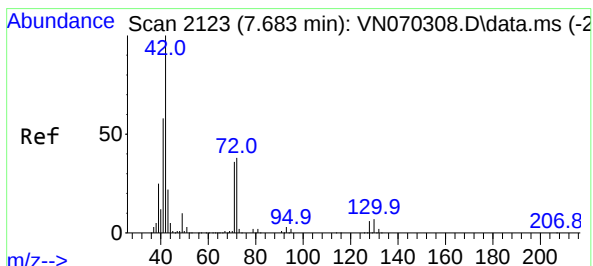
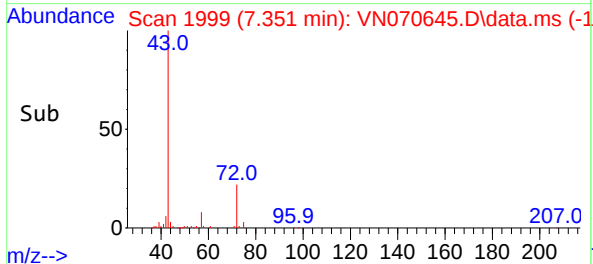
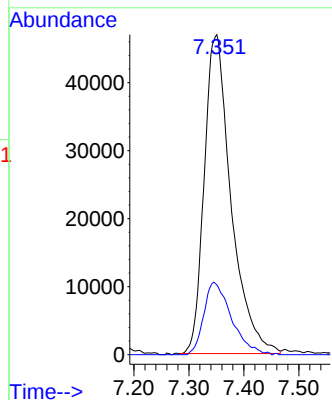
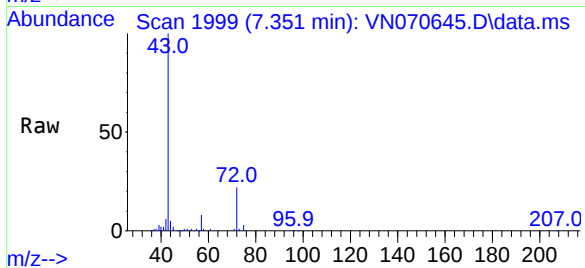
WASTE-CLASS-BOILER-PITME

Tgt Ion: 43 Resp: 159225

Ion Ratio Lower Upper

43 100

72 21.9 21.7 32.5



#29

Tetrahydrofuran

Concen: 1.215 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070645.D

Acq: 17 Jan 2022 15:13

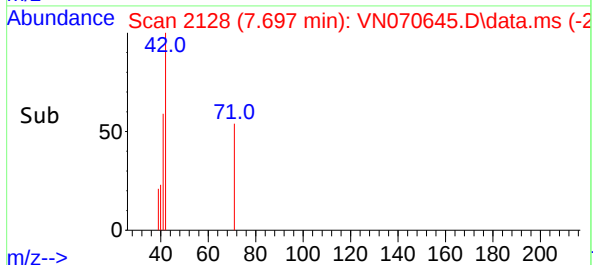
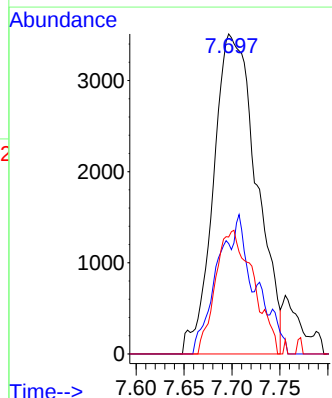
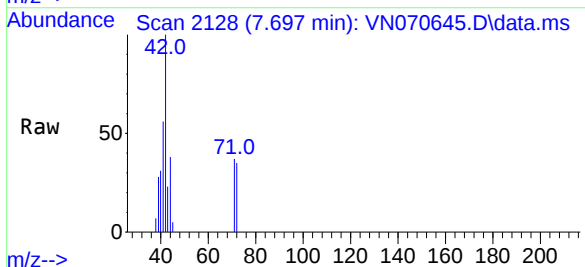
Tgt Ion: 42 Resp: 10946

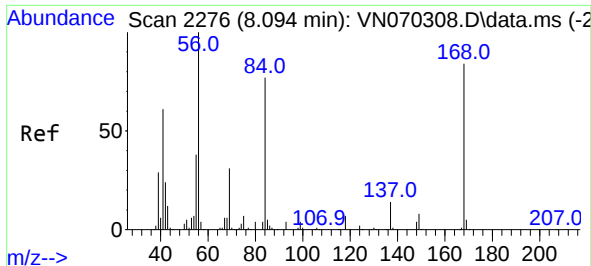
Ion Ratio Lower Upper

42 100

72 16.3 36.3 54.5#

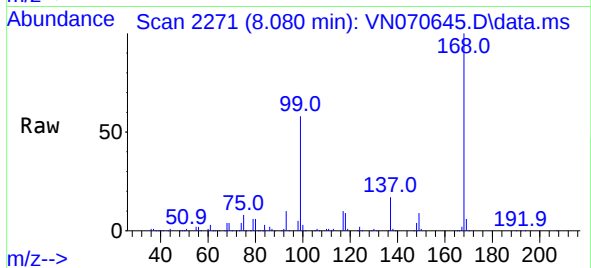
71 0.0 34.7 52.1#



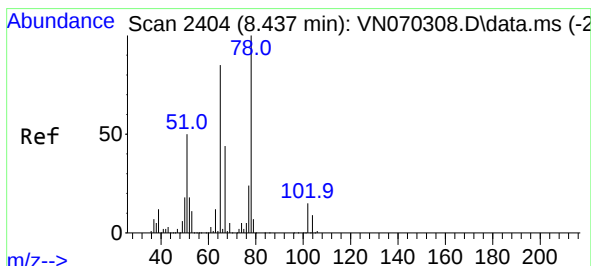
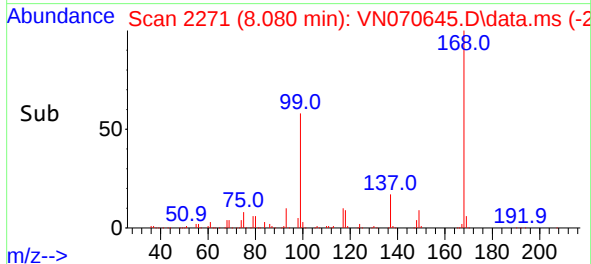
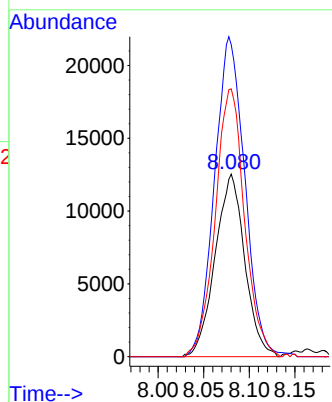


#31
Cyclohexane
Concen: 0.969 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.014 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

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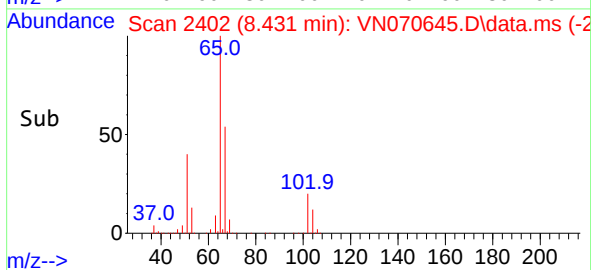
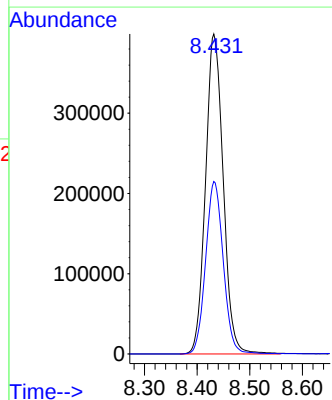
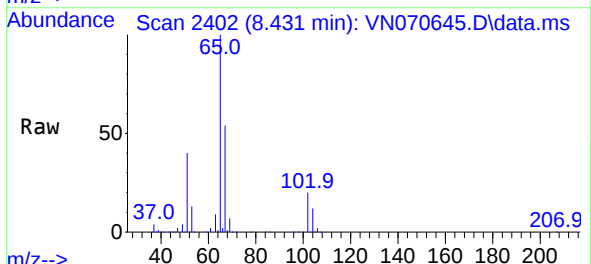


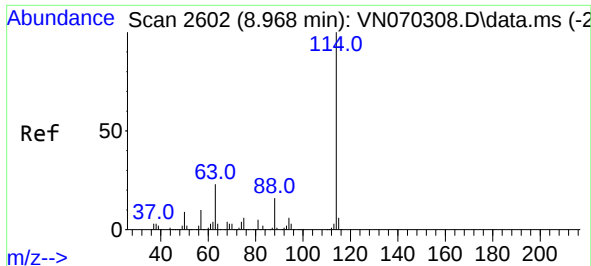
Tgt Ion: 56 Resp: 28258
Ion Ratio Lower Upper
56 100
69 170.9 27.1 40.7#
84 146.7 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 50.432 ug/l
RT: 8.431 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 65 Resp: 931526
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.0

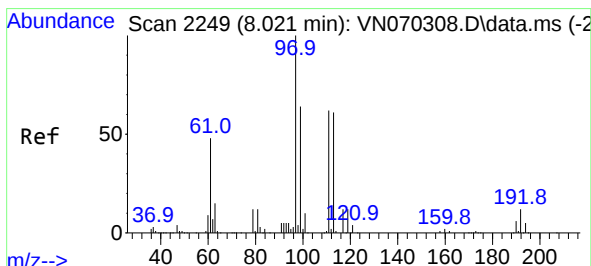
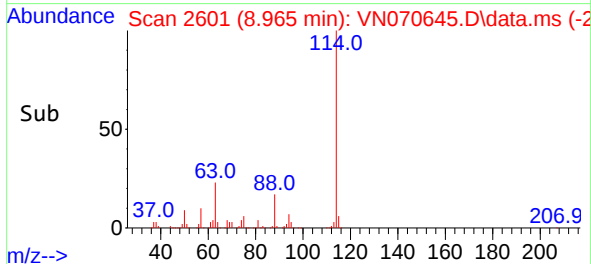
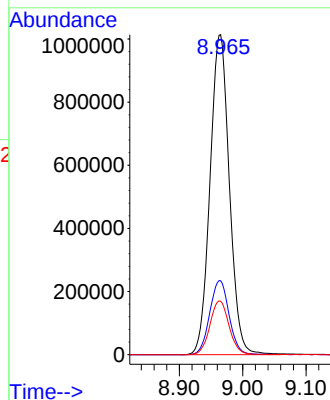
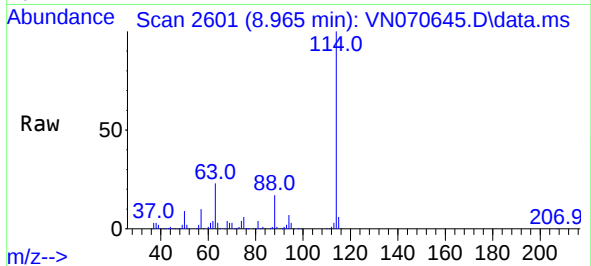




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2147
Delta R.T. -0.003 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

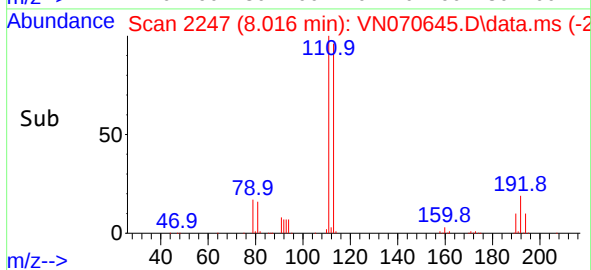
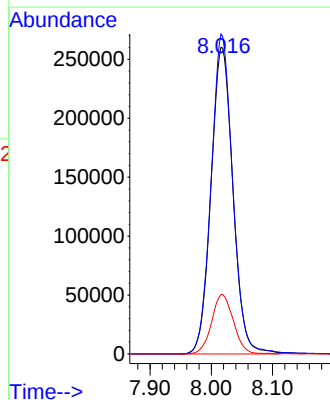
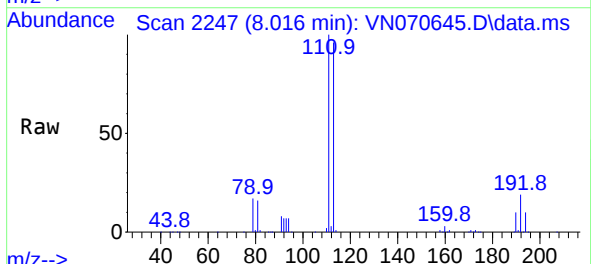
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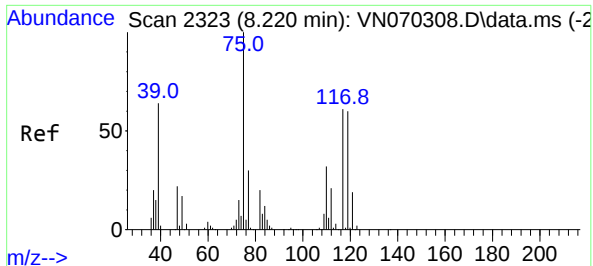
Tgt Ion:114 Resp: 2147570
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.743 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion:113 Resp: 646351
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.3 16.9 25.3

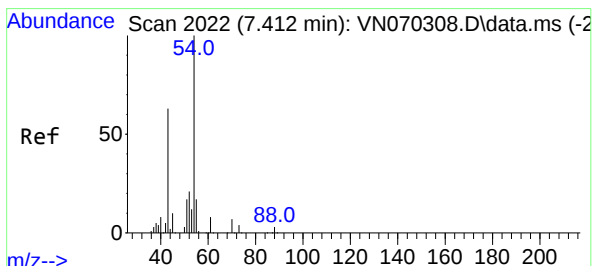
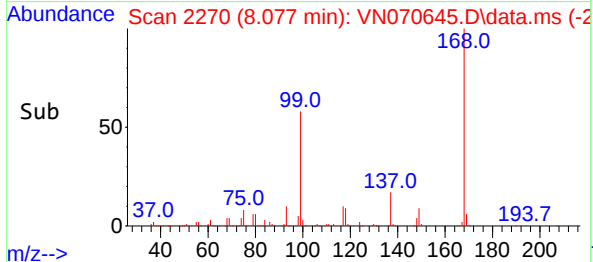
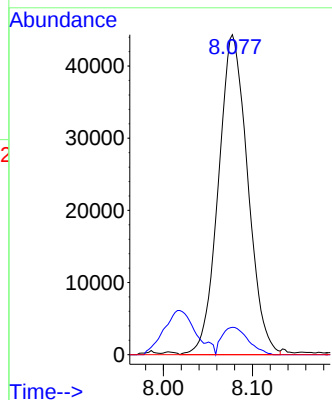
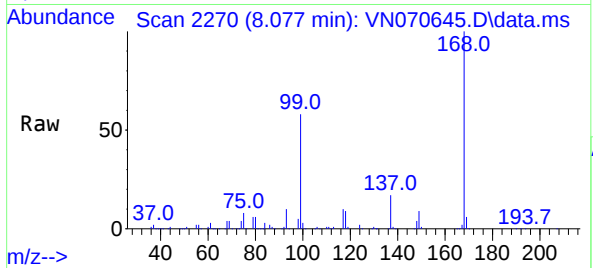




#36
 1,1-Dichloropropene
 Concen: 4.722 ug/l
 RT: 8.077 min Scan# 21
 Delta R.T. -0.143 min
 Lab File: VN070645.D
 Acq: 17 Jan 2022 15:13

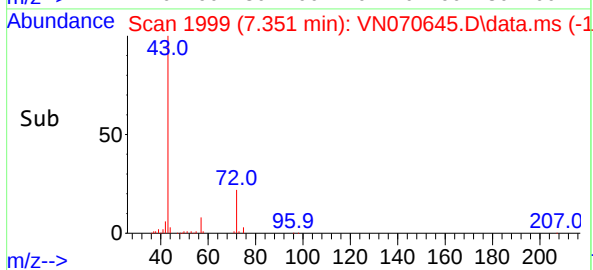
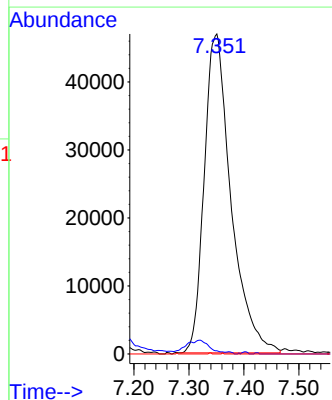
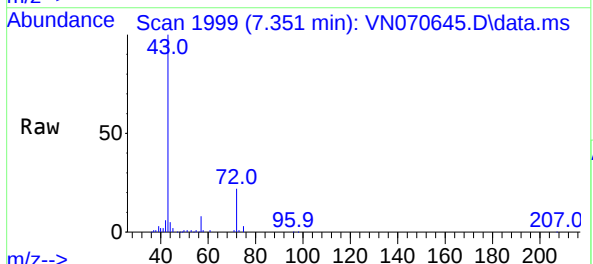
Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-CLASS-BOILER-PITME

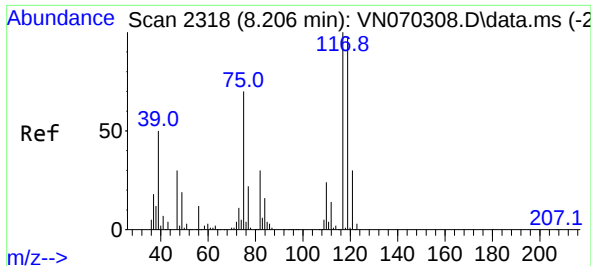
Tgt Ion: 75 Resp: 101511
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 5.715 ug/l
 RT: 7.351 min Scan# 1999
 Delta R.T. -0.061 min
 Lab File: VN070645.D
 Acq: 17 Jan 2022 15:13

Tgt Ion: 43 Resp: 159225
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#

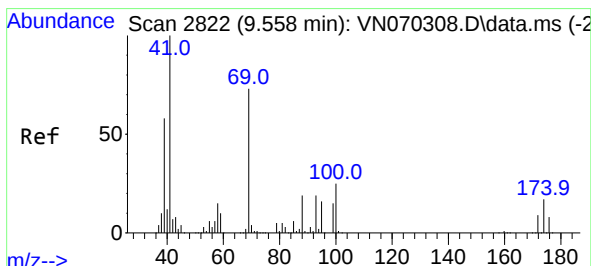
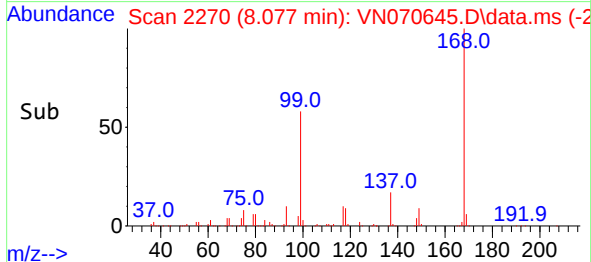
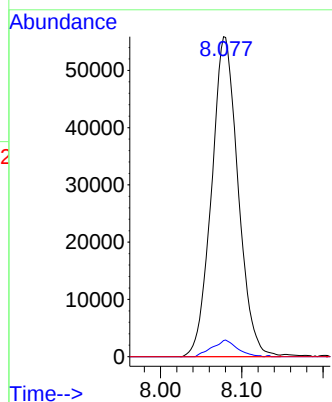
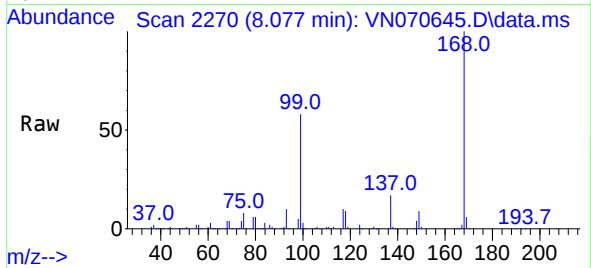




#38
Carbon Tetrachloride
Concen: 6.167 ug/l
RT: 8.077 min Scan# 21
Delta R.T. -0.129 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

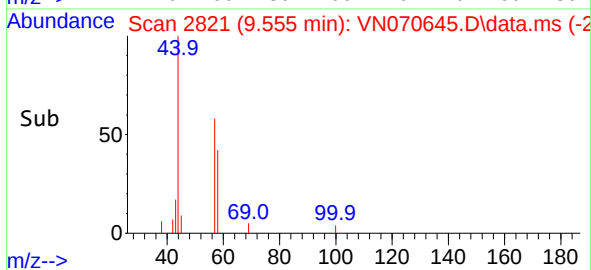
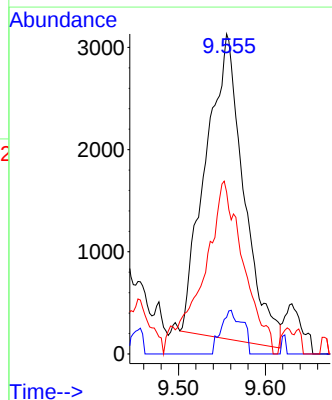
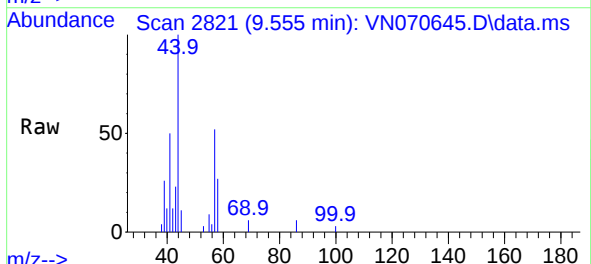
Instrument :
MSVOA_N
ClientSampleId :
WASTE-CLASS-BOILER-PITME

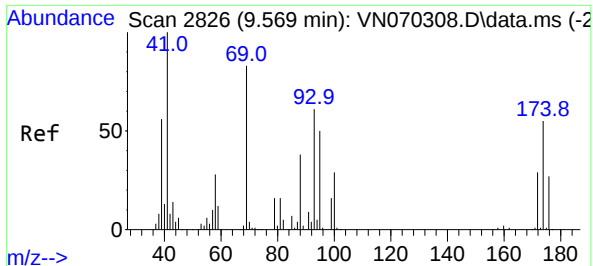
Tgt Ion:117 Resp: 126583
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#48
Methyl methacrylate
Concen: 0.431 ug/l
RT: 9.555 min Scan# 2821
Delta R.T. -0.003 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 41 Resp: 9039
Ion Ratio Lower Upper
41 100
69 8.0 72.4 108.6#
39 57.9 58.4 87.6#

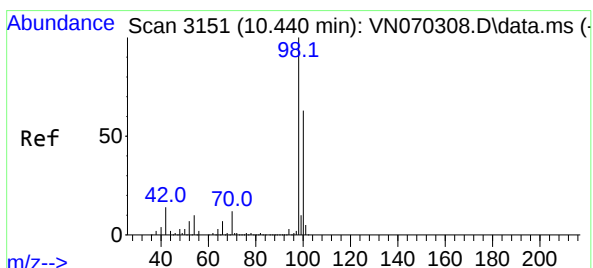
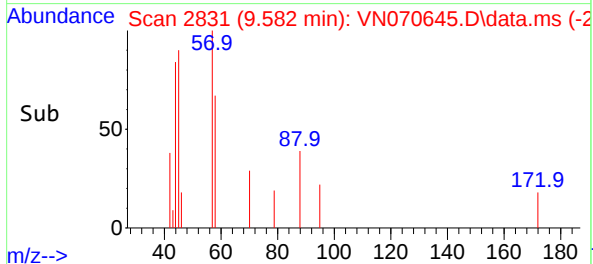
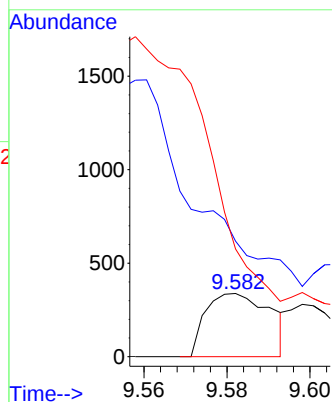
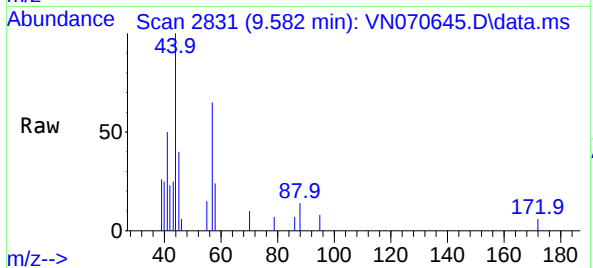




#49
1,4-Dioxane
Concen: 1.190 ug/l
RT: 9.582 min Scan# 21
Delta R.T. 0.013 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

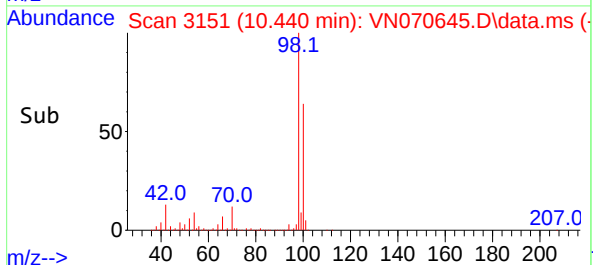
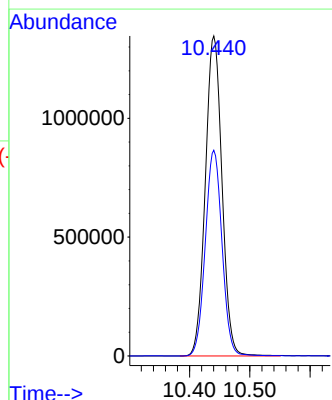
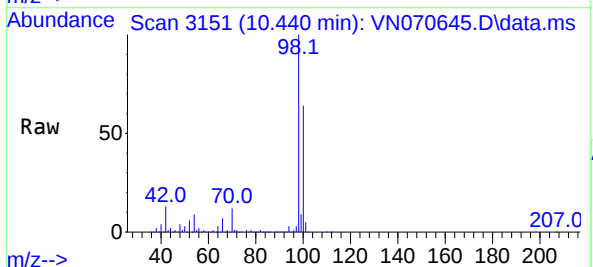
Instrument :
MSVOA_N
ClientSampleId :
WASTE-CLASS-BOILER-PITME

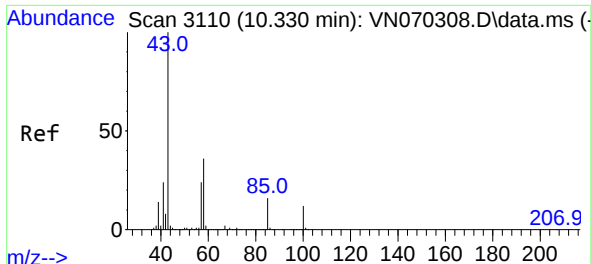
Tgt Ion: 88 Resp: 365
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#



#50
Toluene-d8
Concen: 48.712 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 98 Resp: 2585696
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

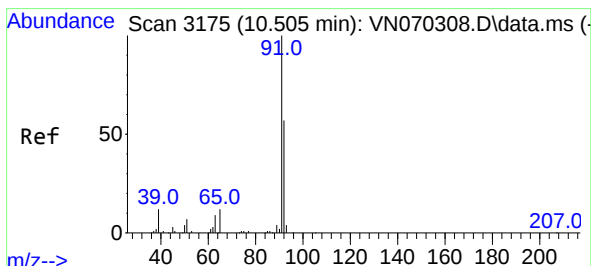
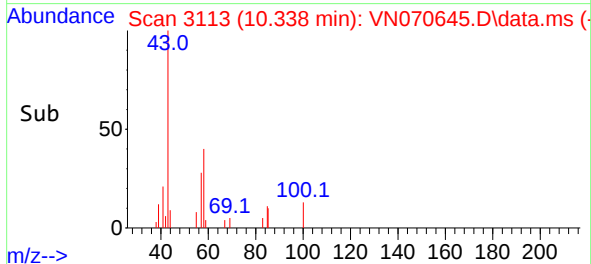
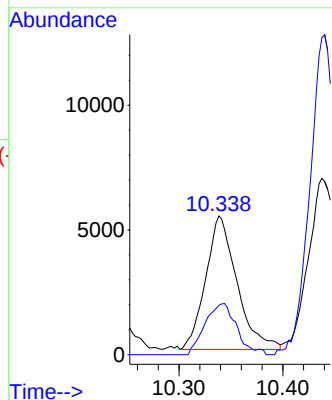
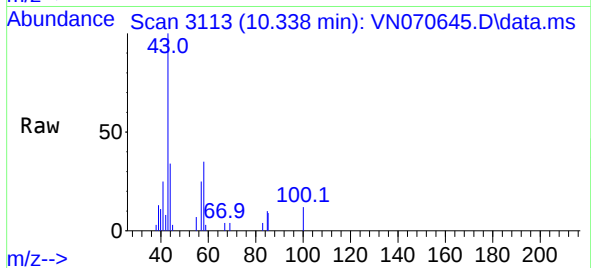




#51
4-Methyl-2-Pentanone
Concen: 0.405 ug/l
RT: 10.338 min Scan# 3110
Delta R.T. 0.008 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

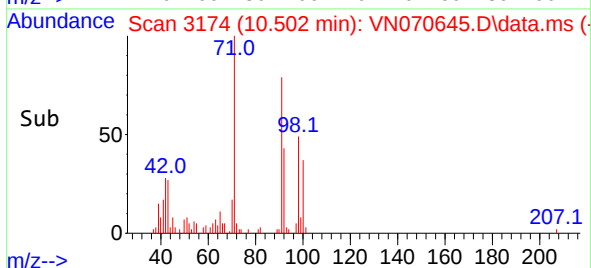
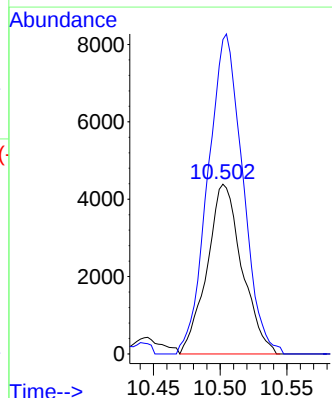
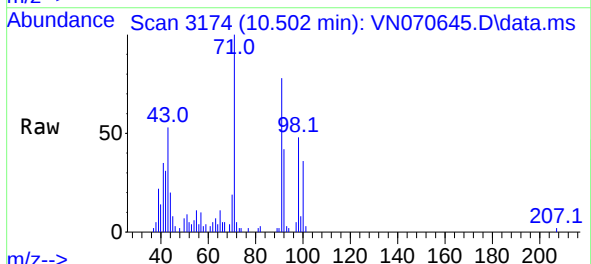
Instrument :
MSVOA_N
ClientSampleId :
WASTE-CLASS-BOILER-PITME

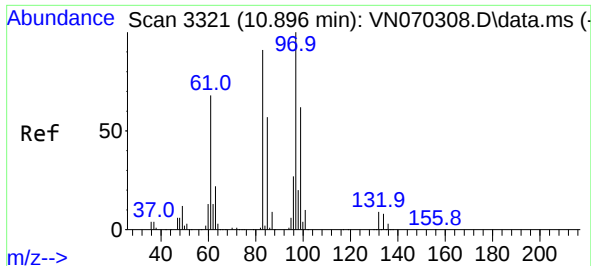
Tgt Ion: 43 Resp: 11178
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6



#52
Toluene
Concen: 0.200 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 92 Resp: 7989
Ion Ratio Lower Upper
92 100
91 187.8 142.0 213.0



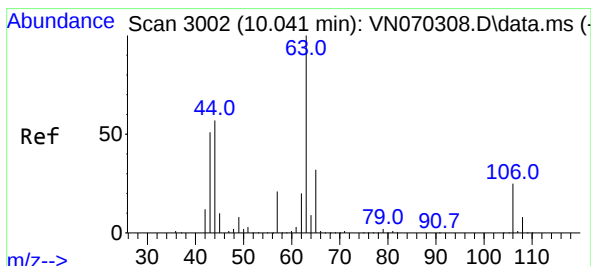
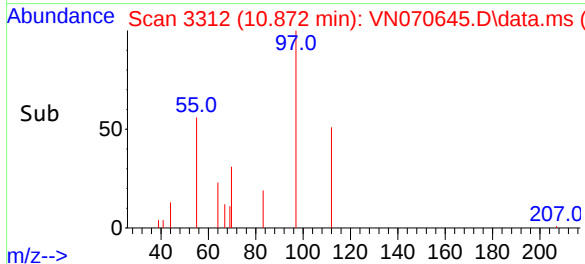
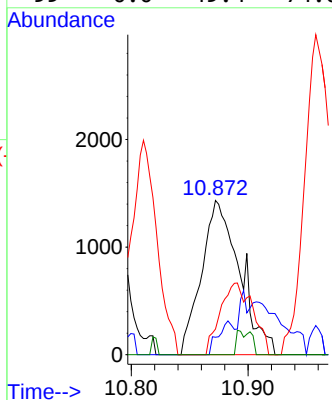
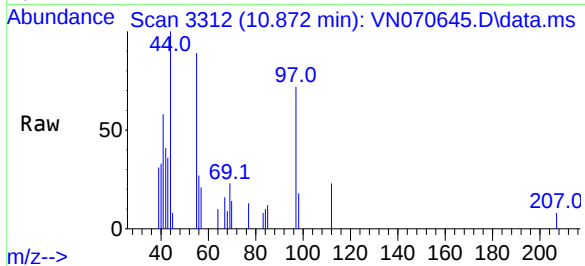


#55
1,1,2-Trichloroethane
Concen: 0.207 ug/l
RT: 10.872 min Scan# 311
Delta R.T. -0.024 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CLASS-BOILER-PITME

Tgt Ion: 97 Resp: 3265

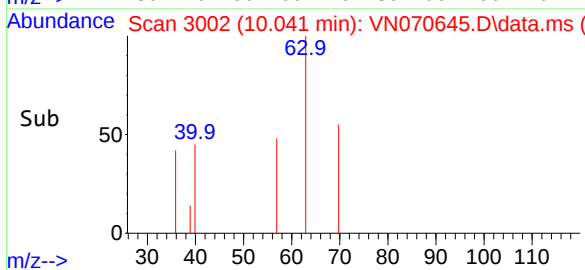
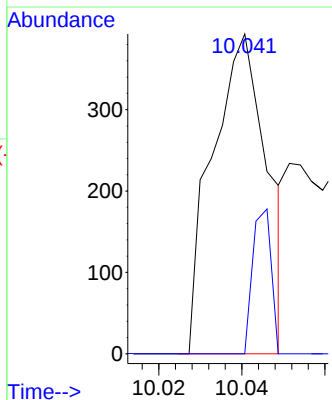
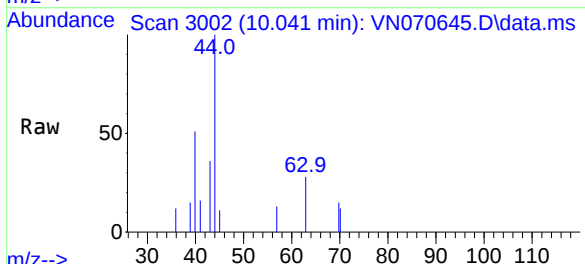
Ion	Ratio	Lower	Upper
97	100		
83	11.4	67.8	101.6#
85	16.6	45.4	68.2#
99	0.0	49.4	74.0#

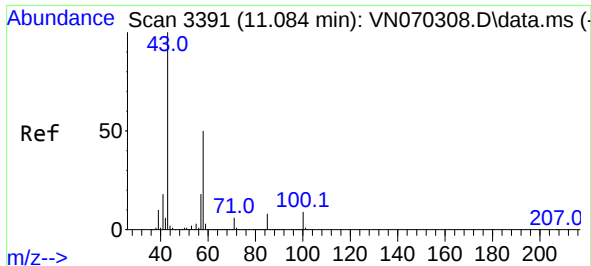


#58
2-Chloroethyl Vinyl ether
Concen: 18.563 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 63 Resp: 358

Ion	Ratio	Lower	Upper
63	100		
106	15.4	23.9	35.9#

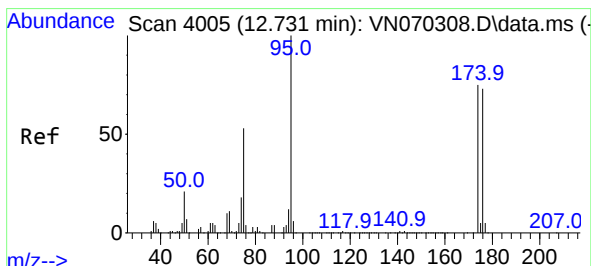
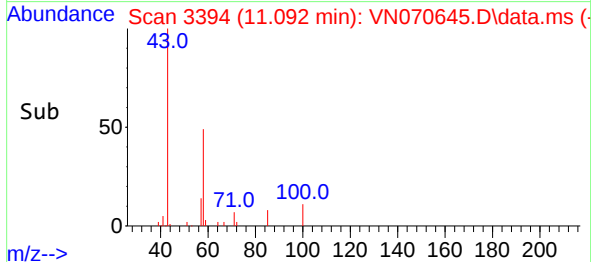
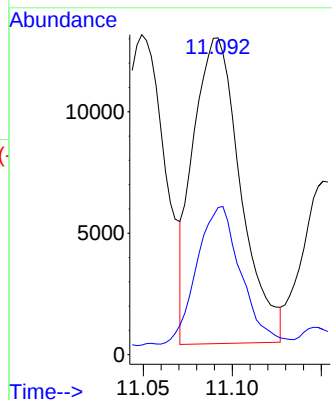
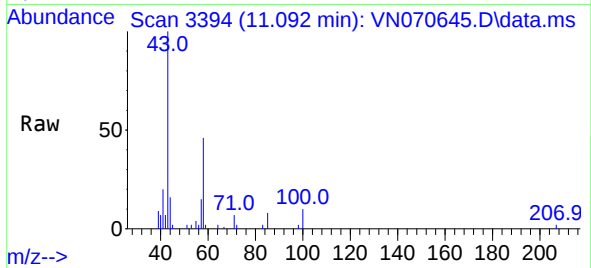




#59
2-Hexanone
Concen: 1.159 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

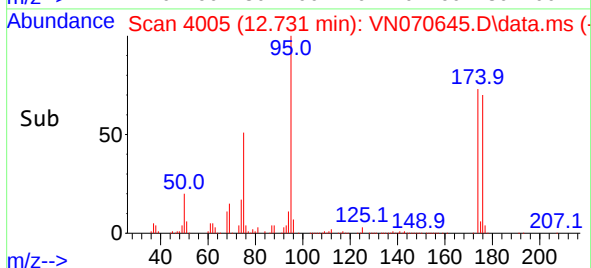
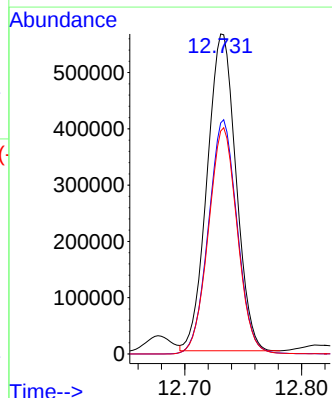
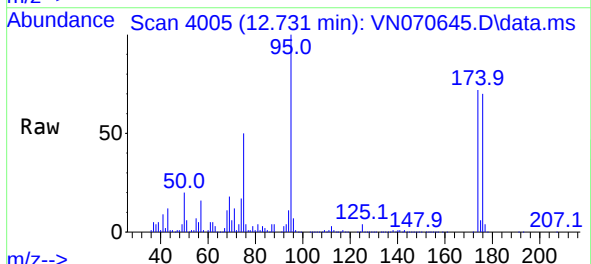
Instrument :
MSVOA_N
ClientSampleId :
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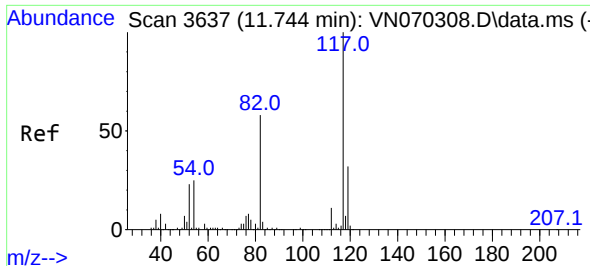
Tgt Ion: 43 Resp: 23339
Ion Ratio Lower Upper
43 100
58 50.2 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 50.460 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 95 Resp: 967405
Ion Ratio Lower Upper
95 100
174 73.8 0.0 187.2
176 71.4 0.0 181.4

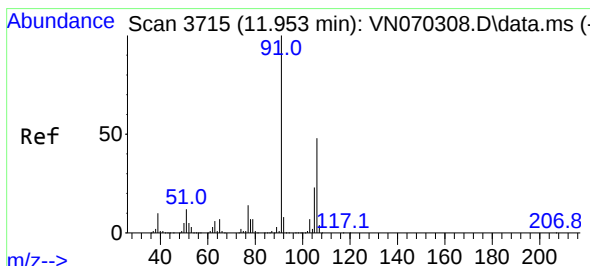
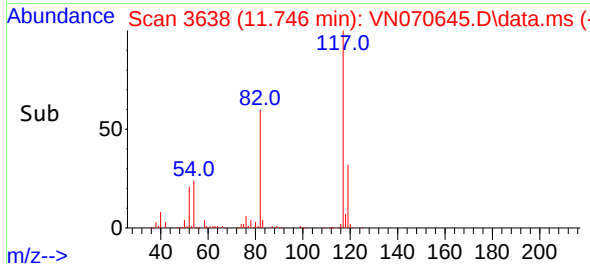
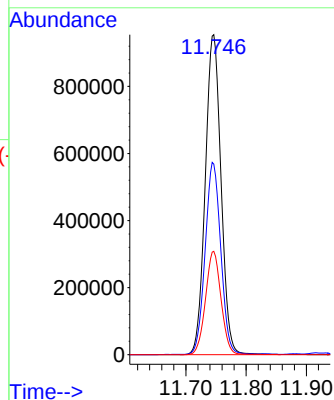
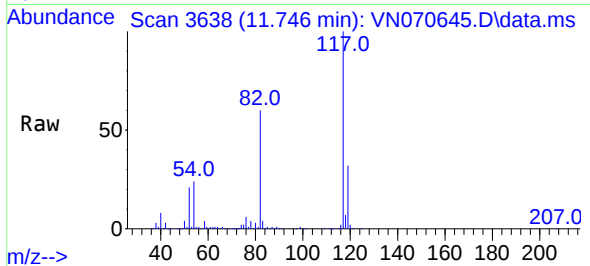




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3637
Delta R.T. 0.002 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

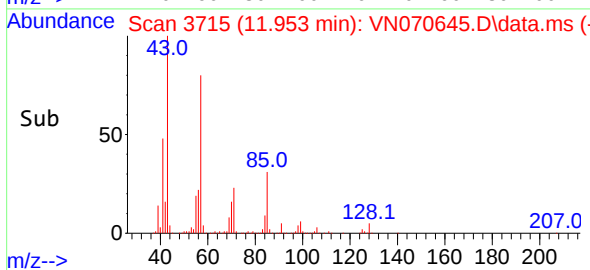
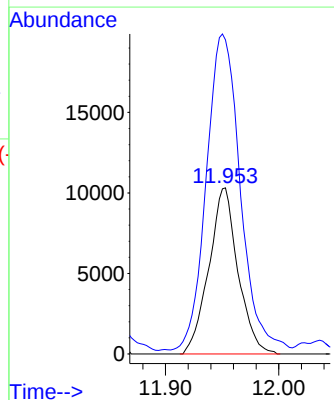
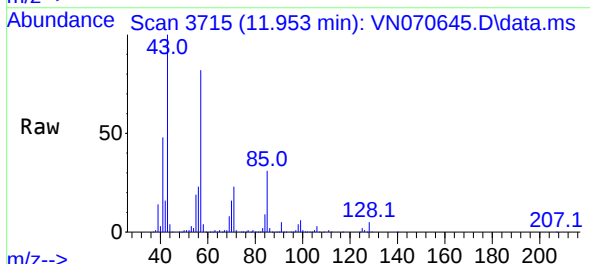
Instrument :
MSVOA_N
ClientSampleId :
WASTE-CLASS-BOILER-PITME

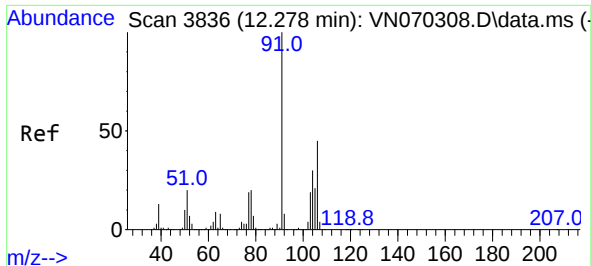
Tgt Ion:117 Resp: 1733049
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.3 25.4 38.2



#68
m/p-Xylenes
Concen: 0.750 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion:106 Resp: 18384
Ion Ratio Lower Upper
106 100
91 221.8 160.6 240.8

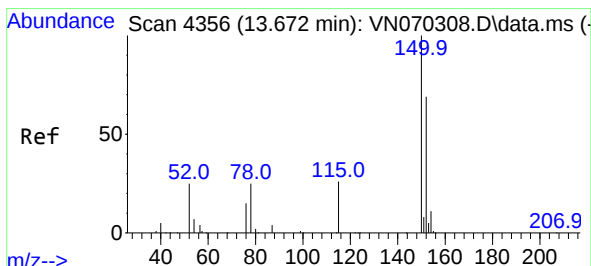
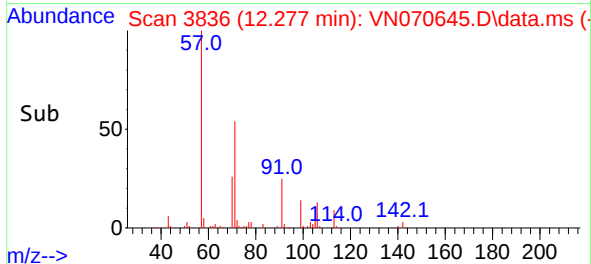
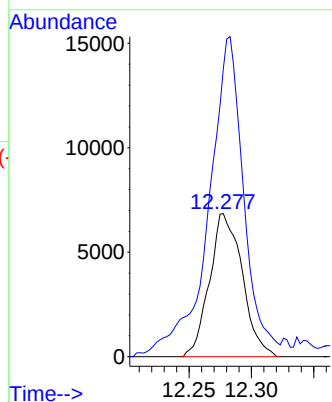
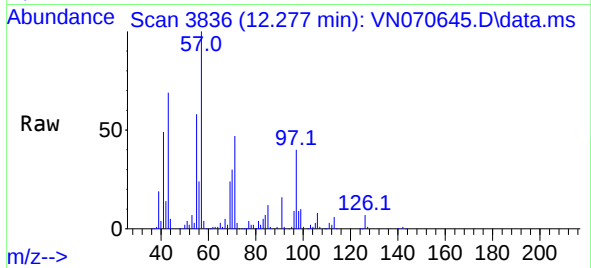




#69
o-Xylene
Concen: 0.513 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

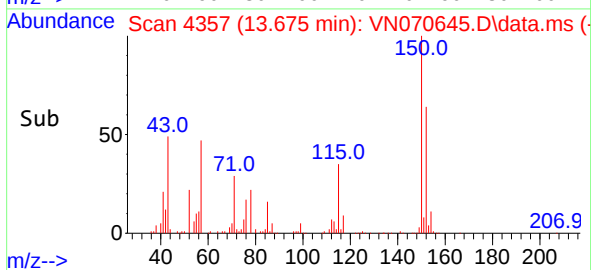
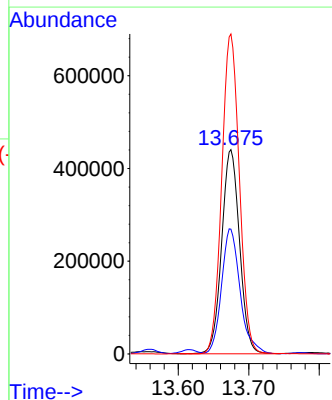
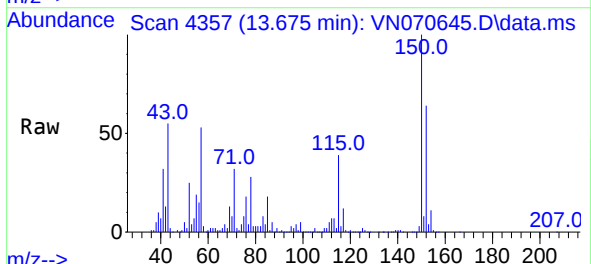
Instrument :
MSVOA_N
ClientSampleId :
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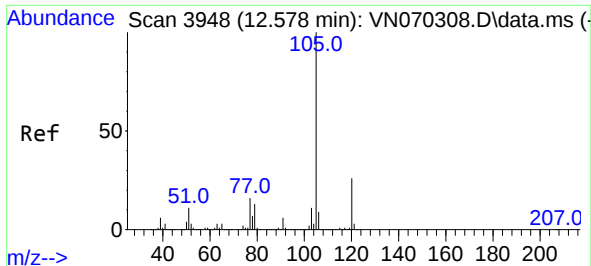
Tgt Ion:106 Resp: 12515
Ion Ratio Lower Upper
106 100
91 240.8 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion:152 Resp: 774441
Ion Ratio Lower Upper
152 100
115 63.6 27.5 82.5
150 154.7 0.0 344.4

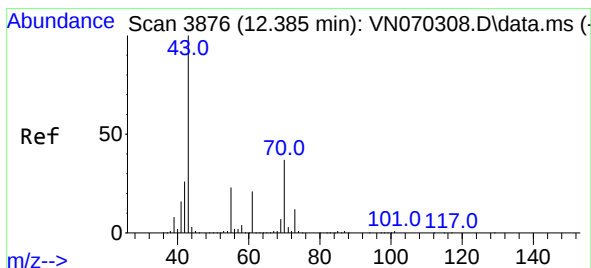
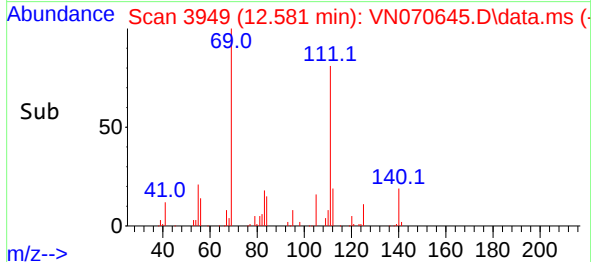
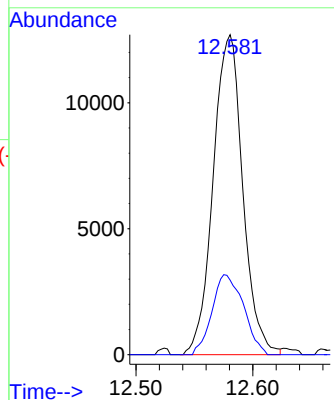
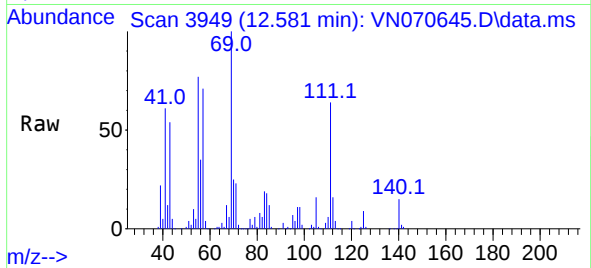




#73
Isopropylbenzene
Concen: 0.311 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

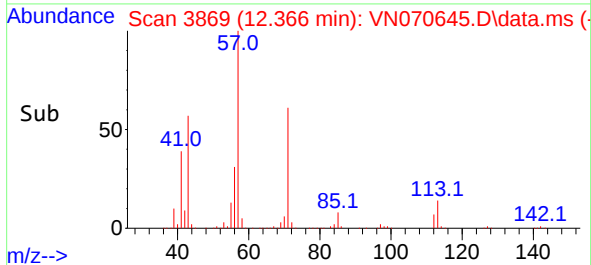
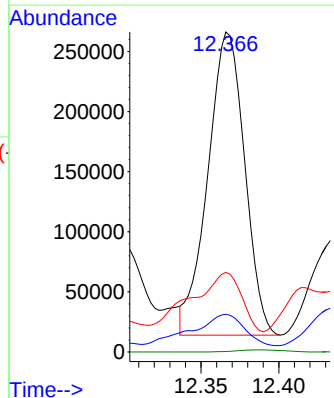
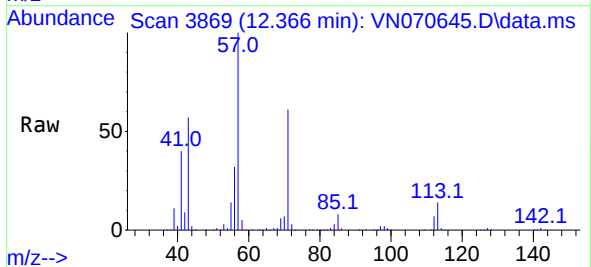
Instrument :
MSVOA_N
ClientSampleId :
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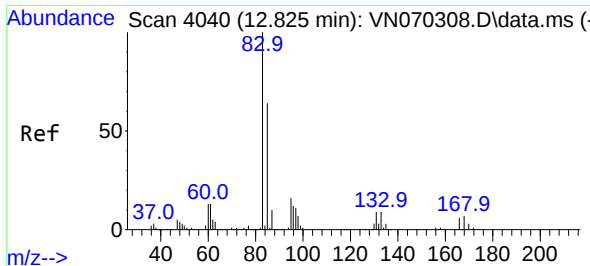
Tgt Ion:105 Resp: 22379
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 13.715 ug/l
RT: 12.366 min Scan# 3869
Delta R.T. -0.019 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 43 Resp: 414727
Ion Ratio Lower Upper
43 100
70 14.5 33.4 50.0#
55 26.5 19.3 28.9
61 0.0 18.5 27.7#

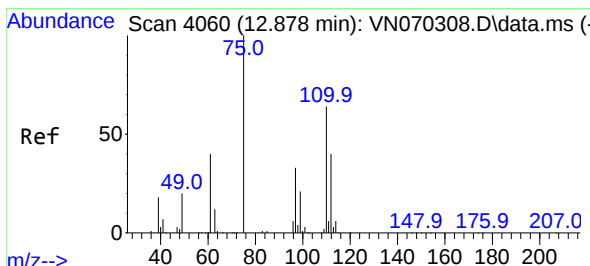
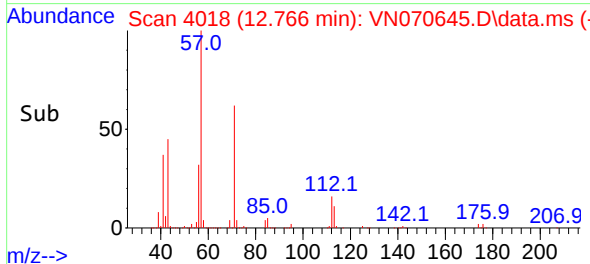
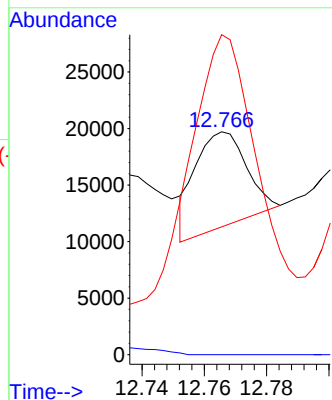
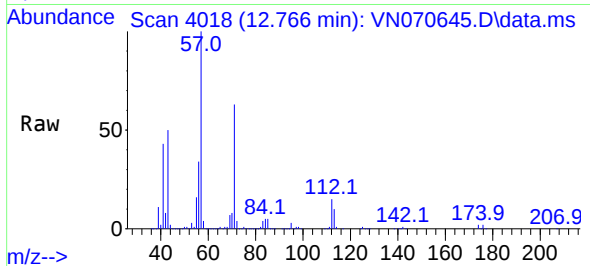




#75
1,1,2,2-Tetrachloroethane
Concen: 0.821 ug/l
RT: 12.766 min Scan# 4018
Delta R.T. -0.059 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

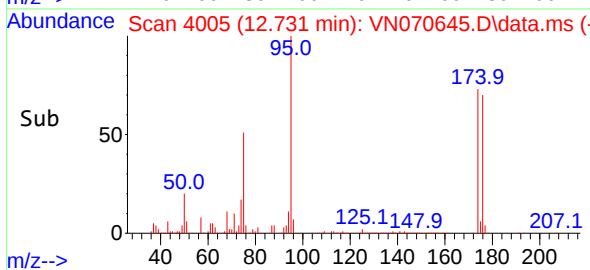
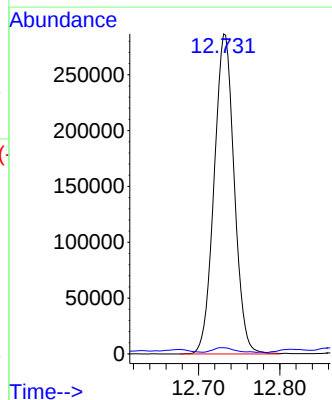
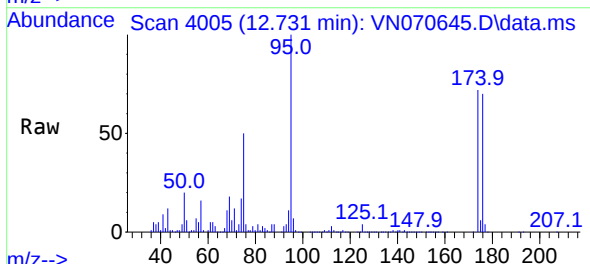
Instrument :
MSVOA_N
ClientSampleId :
WASTE-CLASS-BOILER-PITME

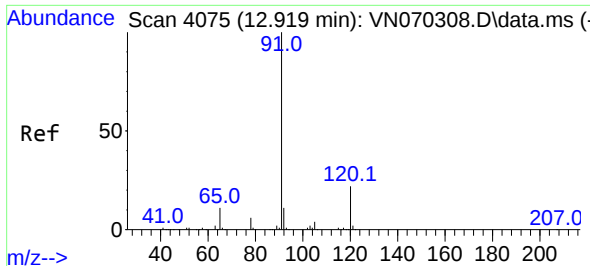
Tgt Ion: 83 Resp: 9861
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 421.3 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 23.013 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 75 Resp: 491834
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#

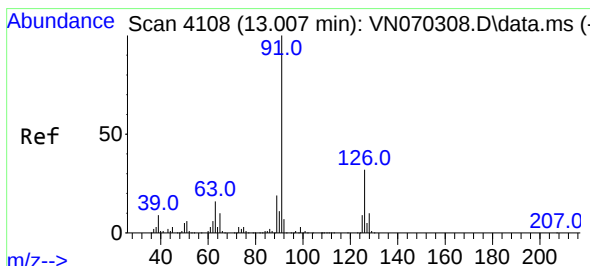
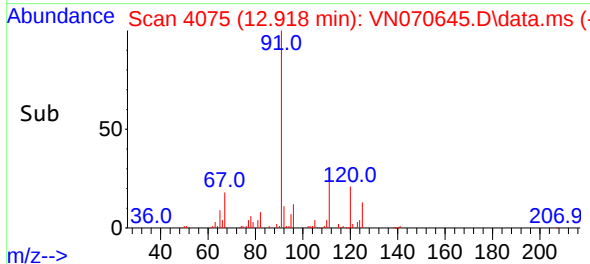
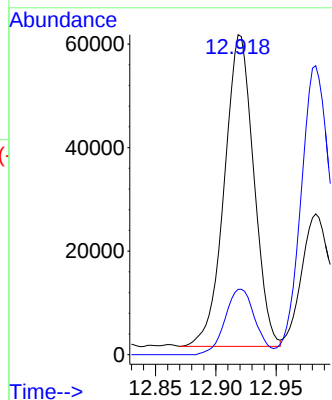
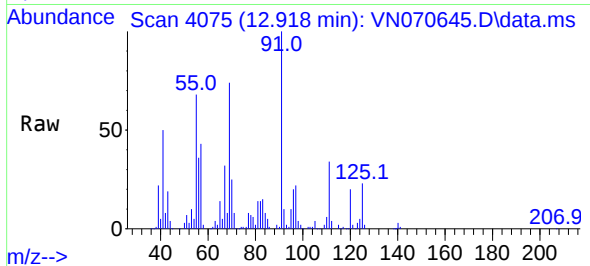




#78
n-propylbenzene
Concen: 1.279 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

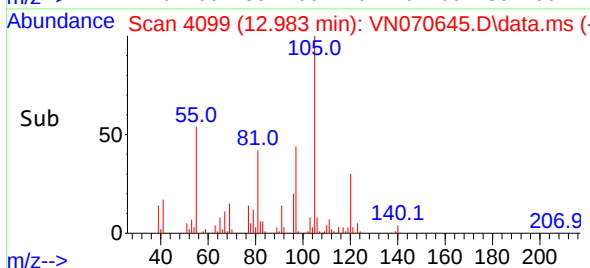
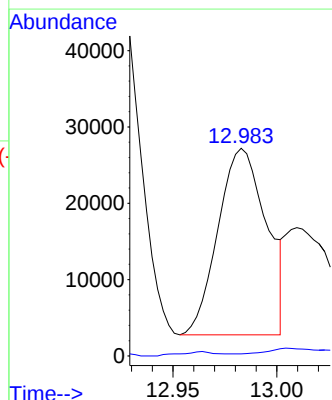
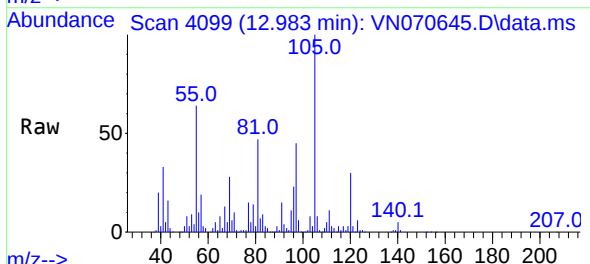
Instrument : MSVOA_N
ClientSampleId : WASTE-CLASS-BOILER-PITME

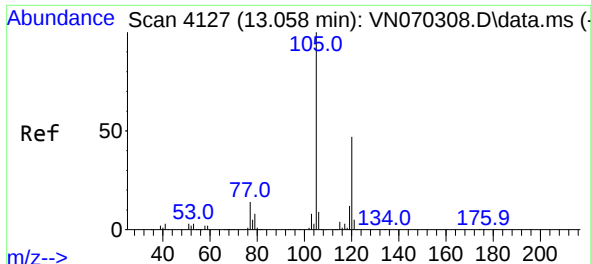
Tgt Ion: 91 Resp: 101911
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.777 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.024 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 91 Resp: 39732
Ion Ratio Lower Upper
91 100
126 1.8 18.3 54.8#

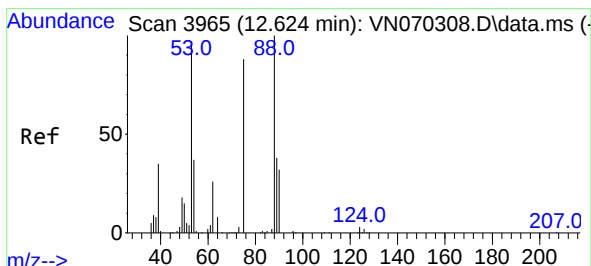
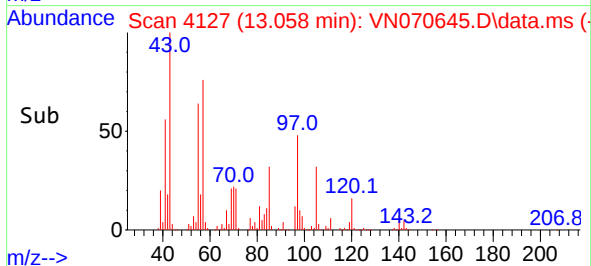
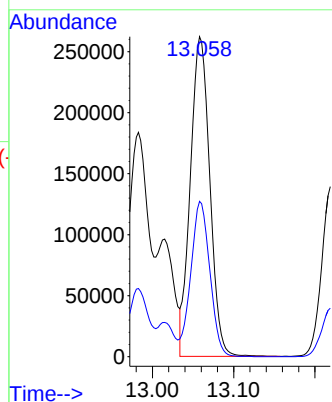
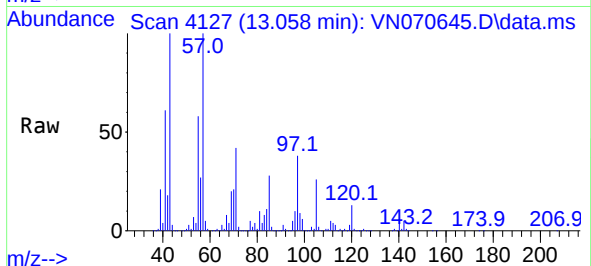




#80
1,3,5-Trimethylbenzene
Concen: 7.545 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

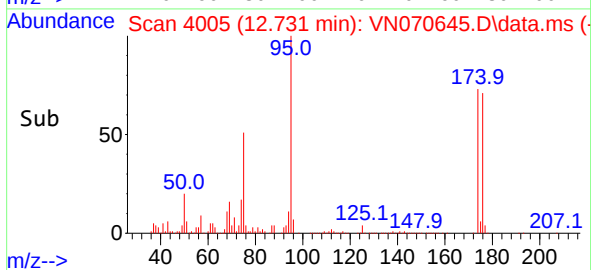
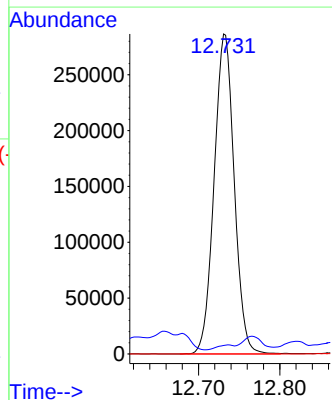
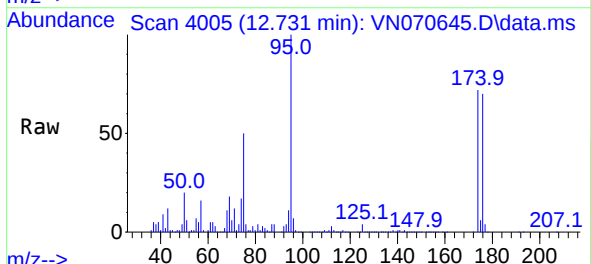
Instrument :
MSVOA_N
ClientSampleId :
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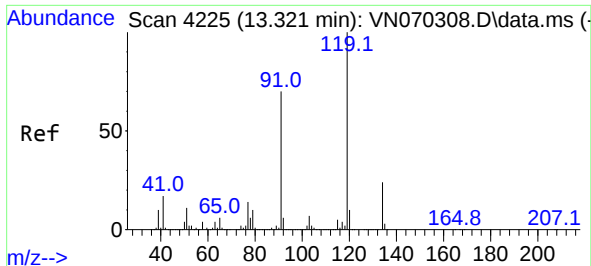
Tgt Ion:105 Resp: 434833
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 77.592 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 75 Resp: 491834
Ion Ratio Lower Upper
75 100
53 1.2 90.5 135.7#
89 0.0 38.2 57.4#

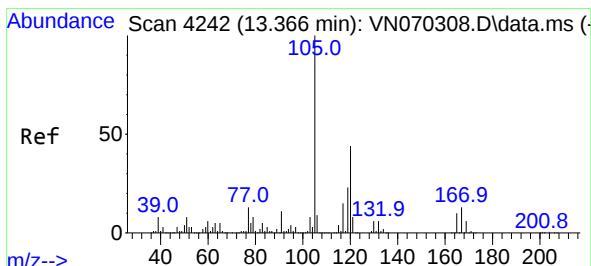
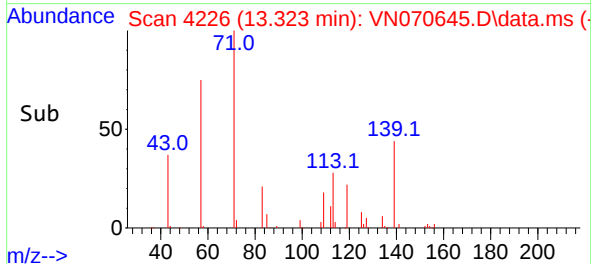
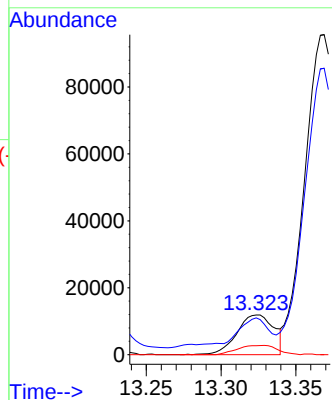
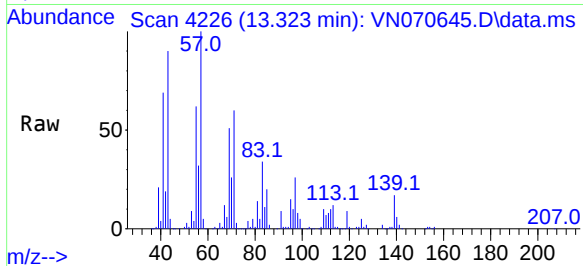




#83
tert-Butylbenzene
Concen: 0.407 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

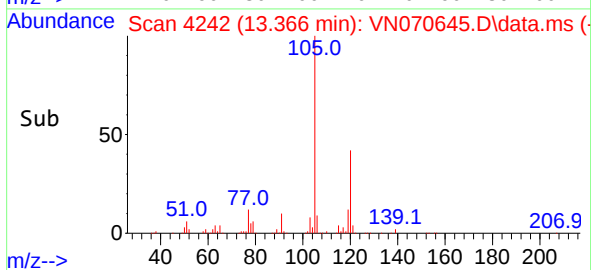
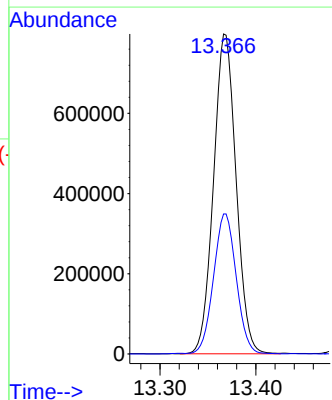
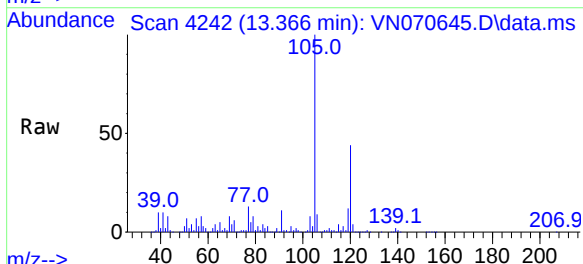
Instrument :
MSVOA_N
ClientSampleId :
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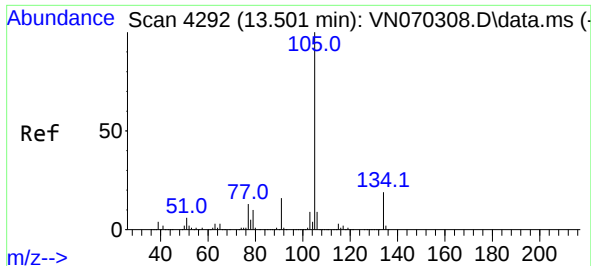
Tgt Ion:119 Resp: 20638
Ion Ratio Lower Upper
119 100
91 47.0 31.5 94.5
134 24.7 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 23.468 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion:105 Resp: 1302391
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4

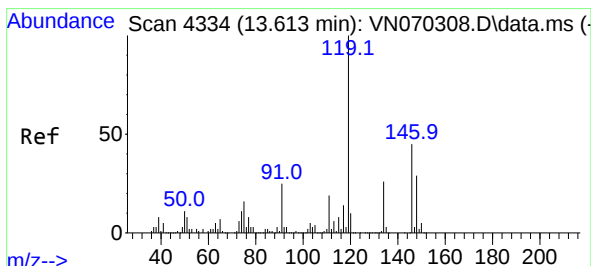
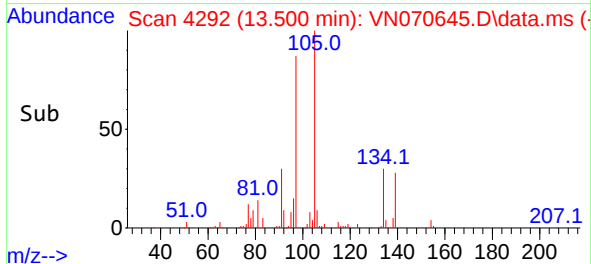
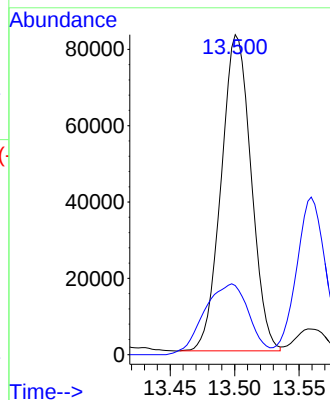
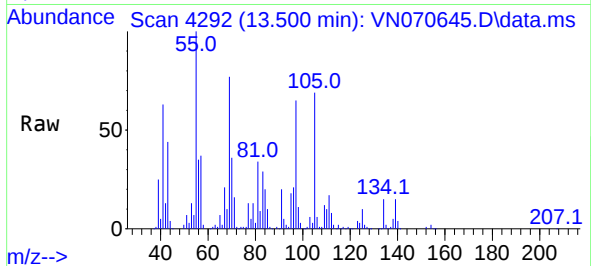




#85
 sec-Butylbenzene
 Concen: 1.942 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VN070645.D
 Acq: 17 Jan 2022 15:13

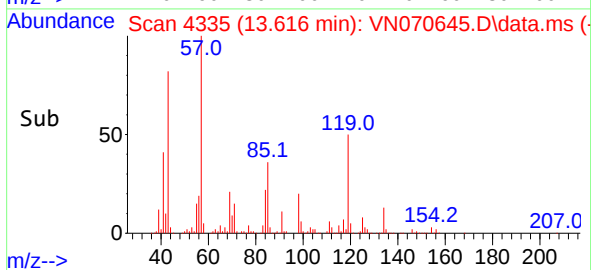
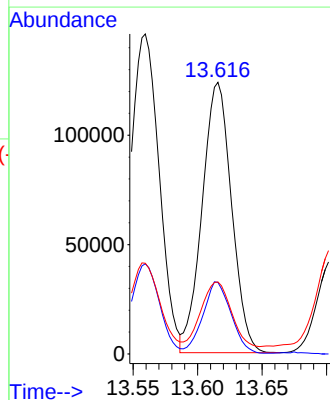
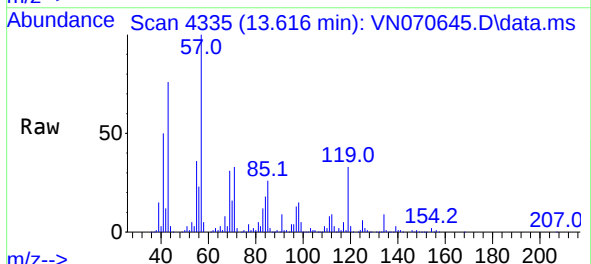
Instrument :
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 ClientSampleId :
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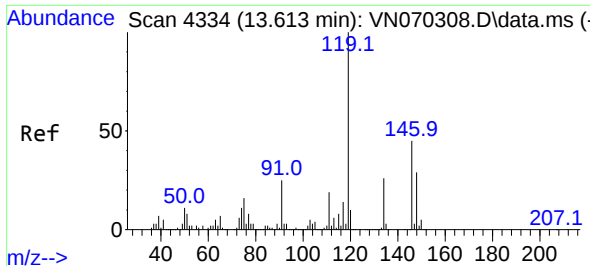
Tgt Ion:105 Resp: 133774
 Ion Ratio Lower Upper
 105 100
 134 33.3 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 3.622 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070645.D
 Acq: 17 Jan 2022 15:13

Tgt Ion:119 Resp: 196049
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.6 40.7
 91 23.8 11.4 34.1

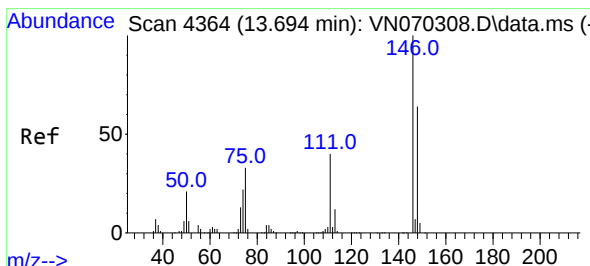
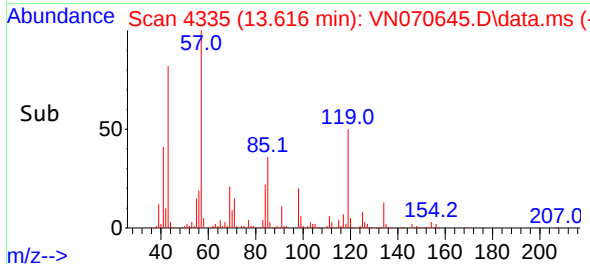
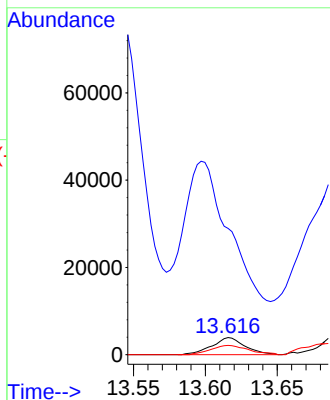
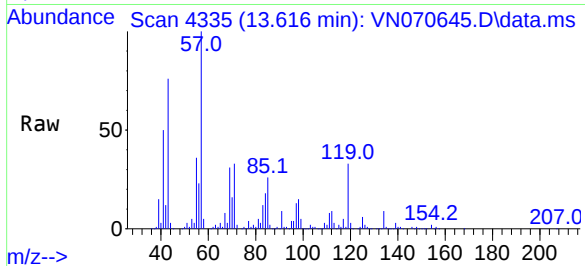




#87
1,3-Dichlorobenzene
Concen: 0.227 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

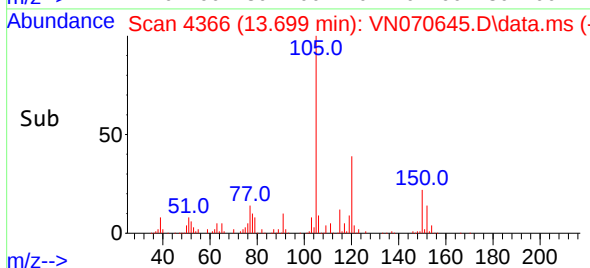
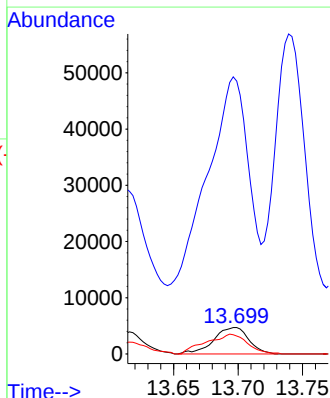
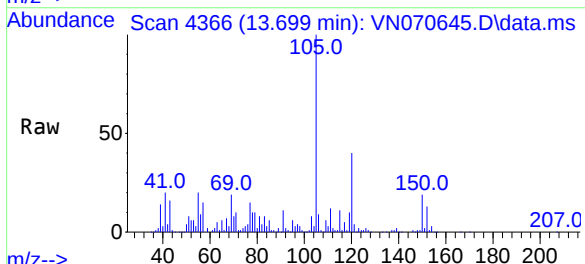
Instrument :
MSVOA_N
ClientSampleId :
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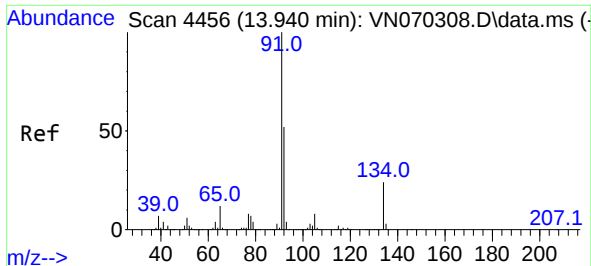
Tgt Ion:146 Resp: 6288
Ion Ratio Lower Upper
146 100
111 1040.3 18.6 55.6#
148 61.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 0.328 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.005 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion:146 Resp: 8942
Ion Ratio Lower Upper
146 100
111 894.6 18.3 54.8#
148 87.6 31.8 95.4

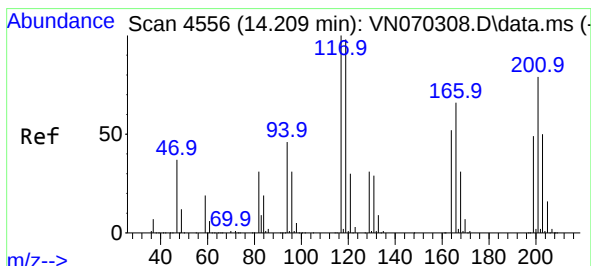
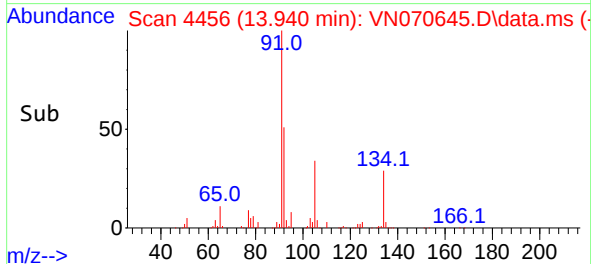
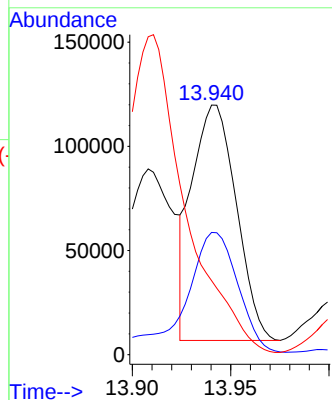
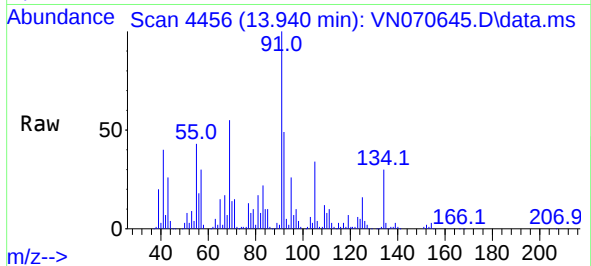




#89
n-Butylbenzene
Concen: 3.908 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

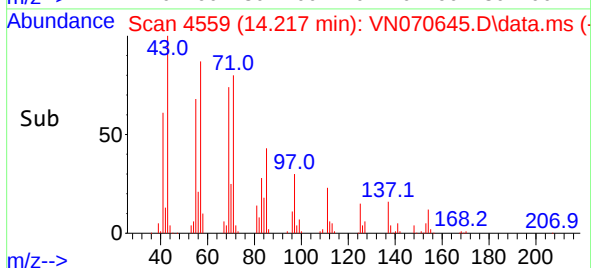
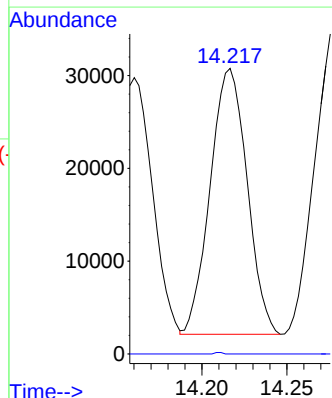
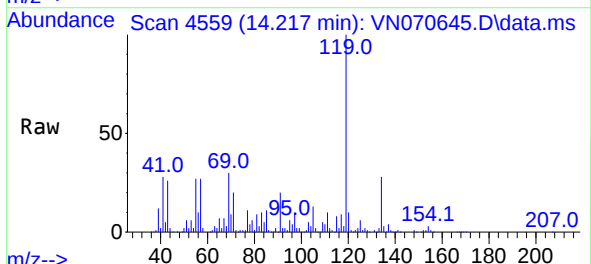
Instrument :
MSVOA_N
ClientSampleId :
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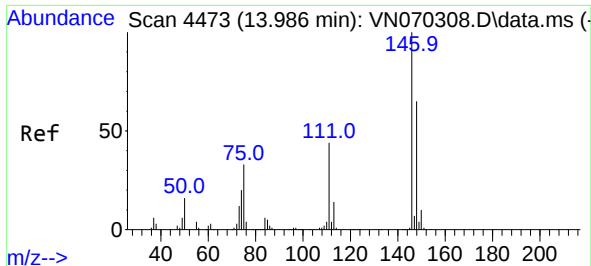
Tgt Ion: 91 Resp: 176440
Ion Ratio Lower Upper
91 100
92 61.0 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 4.605 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.008 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion: 117 Resp: 43300
Ion Ratio Lower Upper
117 100
201 0.1 43.9 131.6#





#91

1,2-Dichlorobenzene

Concen: 0.256 ug/l

RT: 13.991 min Scan# 4475

Delta R.T. 0.005 min

Lab File: VN070645.D

Acq: 17 Jan 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

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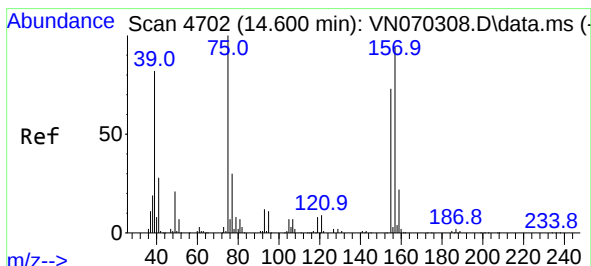
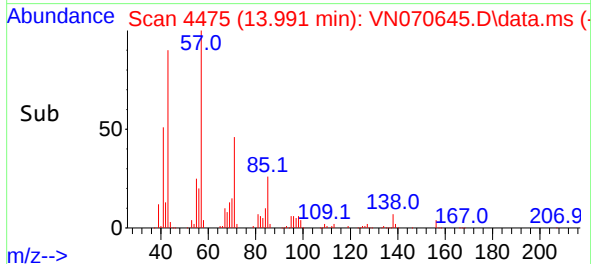
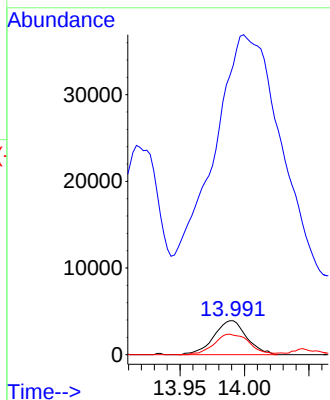
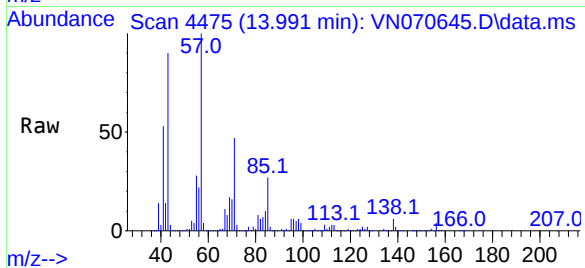
Tgt Ion:146 Resp: 6947

Ion Ratio Lower Upper

146 100

111 1475.7 19.1 57.3#

148 64.7 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.814 ug/l

RT: 14.579 min Scan# 4694

Delta R.T. -0.021 min

Lab File: VN070645.D

Acq: 17 Jan 2022 15:13

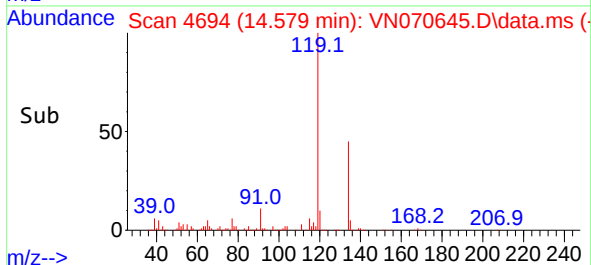
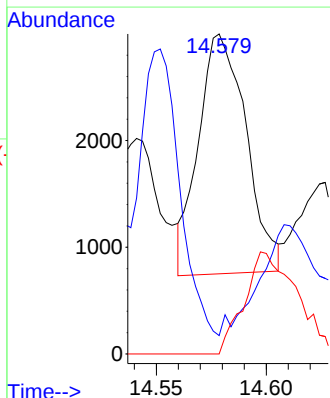
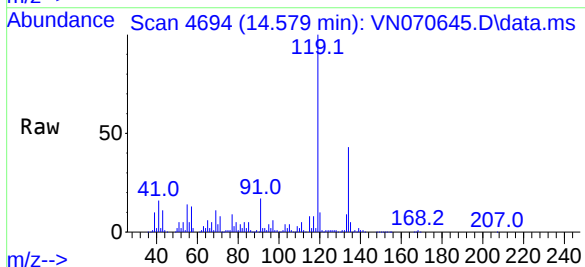
Tgt Ion: 75 Resp: 3391

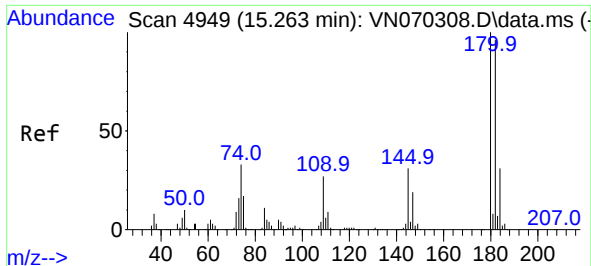
Ion Ratio Lower Upper

75 100

155 0.0 46.9 140.7#

157 0.0 60.6 181.7#

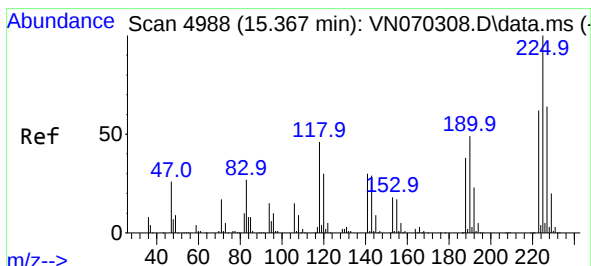
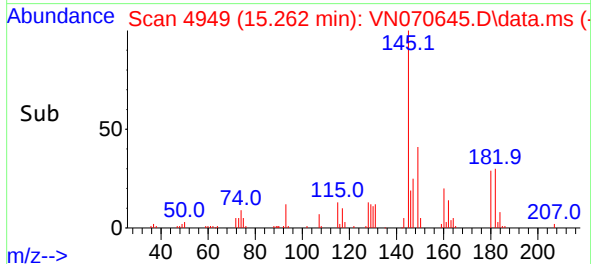
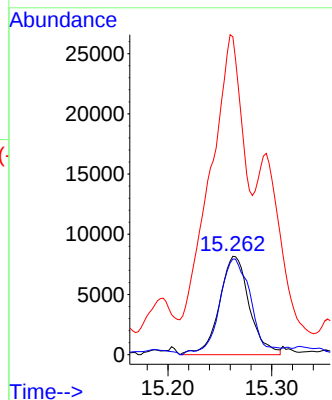
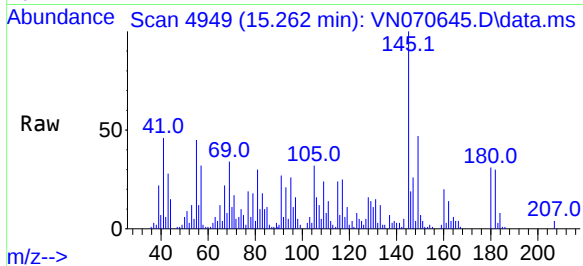




#93
1,2,4-Trichlorobenzene
Concen: 1.281 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.001 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

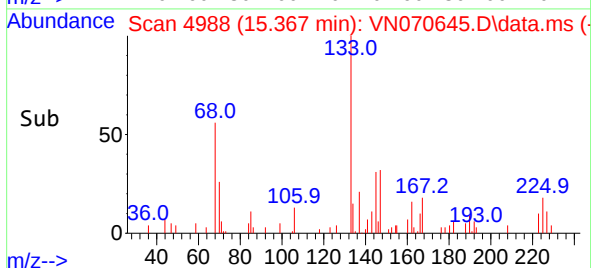
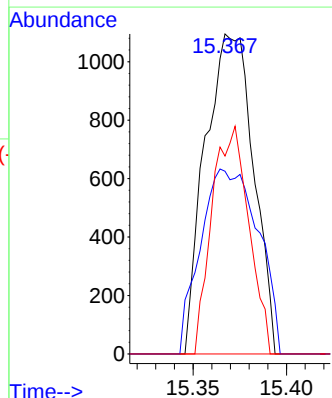
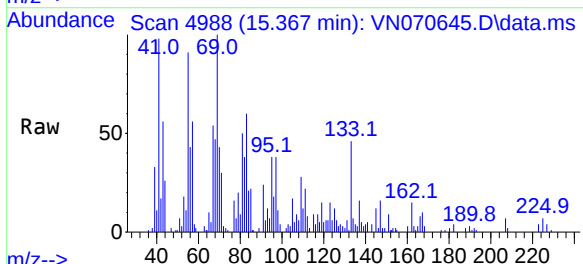
Instrument :
MSVOA_N
ClientSampleId :
WASTE-CLASS-BOILER-PITME

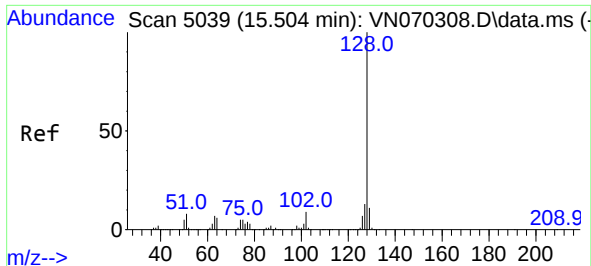
Tgt Ion:180 Resp: 16360
Ion Ratio Lower Upper
180 100
182 102.2 48.3 144.9
145 318.7 14.5 43.5#



#94
Hexachlorobutadiene
Concen: 0.265 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion:225 Resp: 1969
Ion Ratio Lower Upper
225 100
223 69.1 31.9 95.7
227 54.2 32.1 96.3

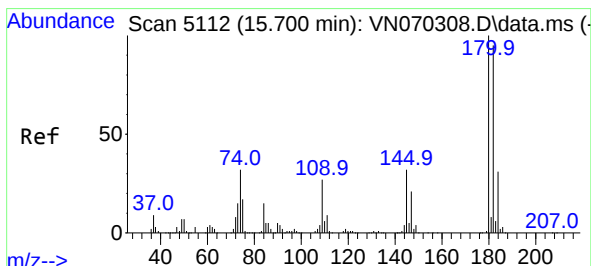
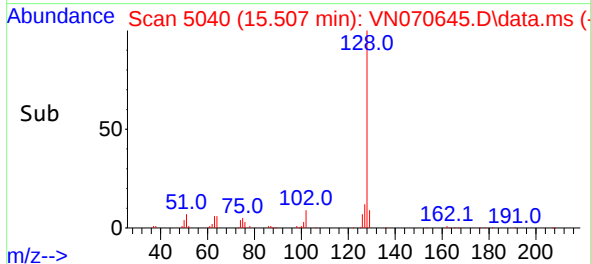
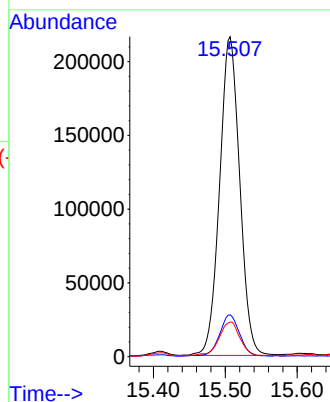
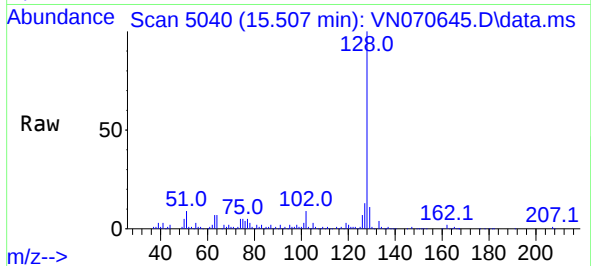




#95
Naphthalene
Concen: 13.229 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CLASS-BOILER-PITME

Tgt Ion:128 Resp: 418436
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.253 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070645.D
Acq: 17 Jan 2022 15:13

Tgt Ion:180 Resp: 17722
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 188.3 15.0 45.1#

