

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021111.D
 Acq On : 04 Dec 2021 10:51
 Operator : SY/VA
 Sample : M4885-06
 Misc : 4.42g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:48:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	93051	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	56436	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	13860	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	50654	39.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 156.280%#	
7) Chloroethane-d5	2.885	69	31439	36.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 144.920%	
11) 1,1-Dichloroethene-d2	4.013	63	50971	24.611	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.440%	
21) 2-Butanone-d5	7.080	46	15667	52.980	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.960%	
24) Chloroform-d	7.653	84	70991	30.464	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 121.840%	
26) 1,2-Dichloroethane-d4	8.305	65	35905	28.164	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.640%	
32) Benzene-d6	8.275	84	140323	48.628	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 194.520%#	
36) 1,2-Dichloropropane-d6	9.275	67	38904	48.514	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 194.040%#	
41) Toluene-d8	10.323	98	112756	38.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 152.440%#	
43) trans-1,3-Dichloroprop...	10.579	79	9624	26.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.720%	
47) 2-Hexanone-d5	10.921	63	10847	70.699	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 141.400%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	22873	30.831	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 123.320%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	14533	29.265	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 117.040%	
Target Compounds						Qvalue
13) Acetone	4.135	43	1355	5.030	ug/L	88
20) cis-1,2-Dichloroethene	7.165	96	1408	1.032	ug/L	76
34) Trichloroethene	9.092	95	117988	133.260	ug/L	91
37) 1,2-Dichloropropane	9.275	63	4955	6.831	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1222	1.042	ug/L	87
45) 1,1,2-Trichloroethane	10.786	97	7011	11.529	ug/L	95
46) Tetrachloroethene	10.866	164	831256	1025.290	ug/L	95
48) 2-Hexanone	10.927	43	1689	4.738	ug/L #	69
49) Dibromochloromethane	10.860	129	753976	991.995	ug/L #	10
52) Ethylbenzene	11.731	91	3854	0.934	ug/L	90
53) m,p-Xylene	11.835	106	9557	5.598	ug/L	88
54) o-Xylene	12.164	106	5165	3.209	ug/L	93
61) 1,2,3-Trichloropropane	12.603	75	277	1.193	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.945	105	803	0.498	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	2049	1.263	ug/L	97
71) Naphthalene	15.359	128	31983	31.410	ug/L	100

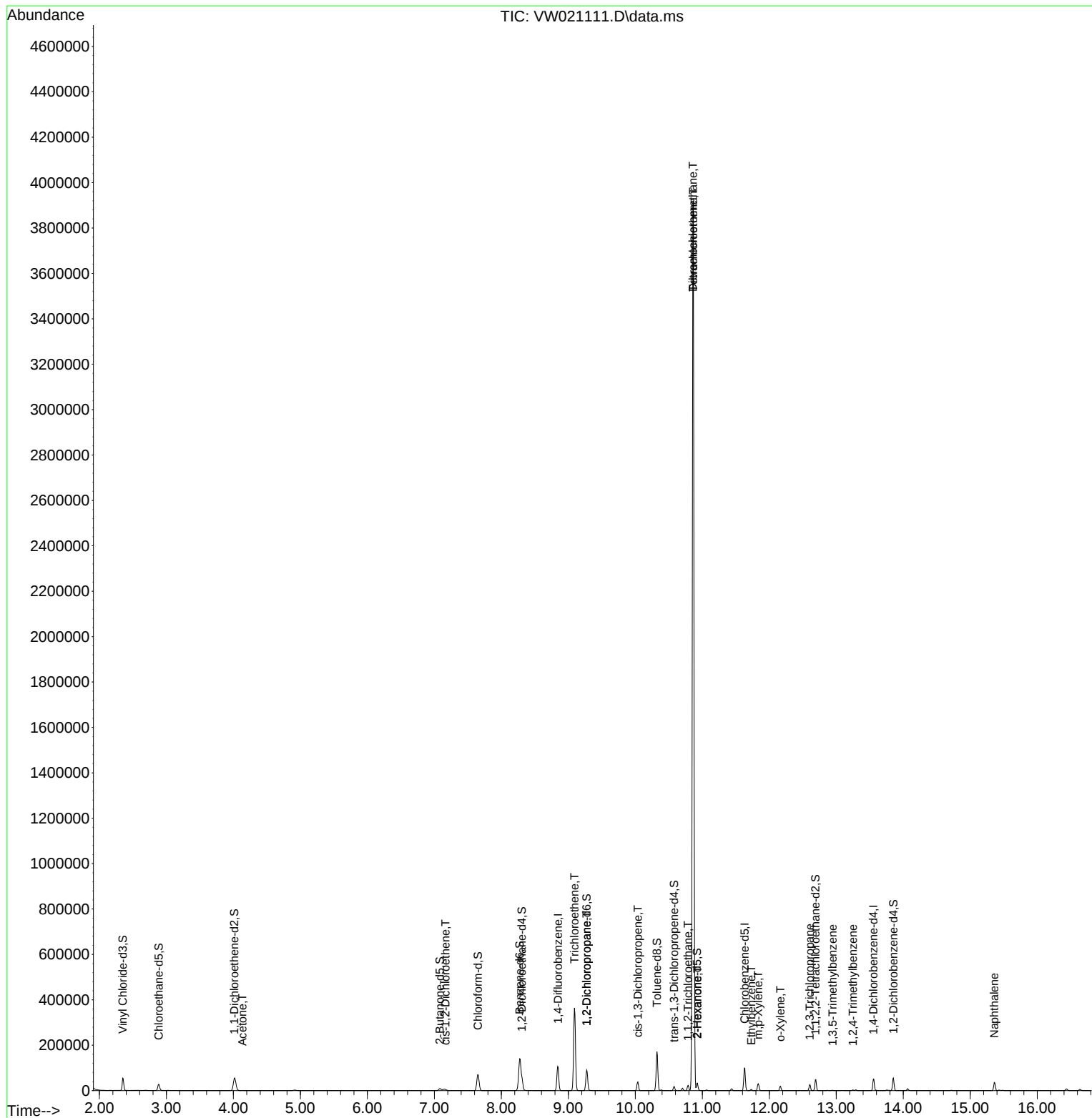
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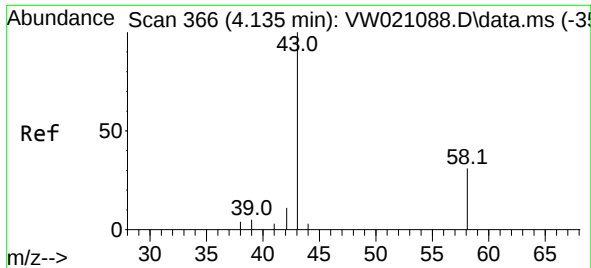
Instrument :
MSVOA_W
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration

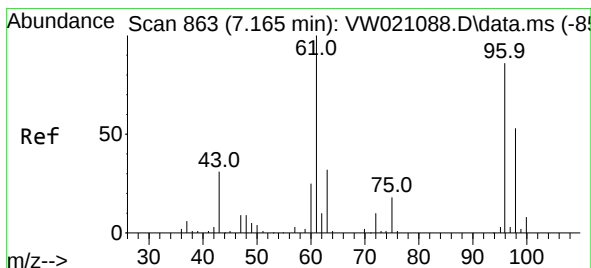
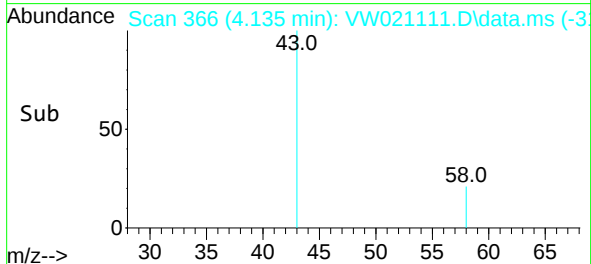
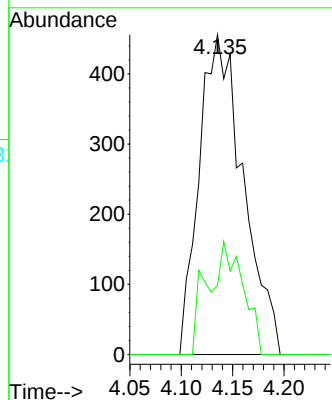
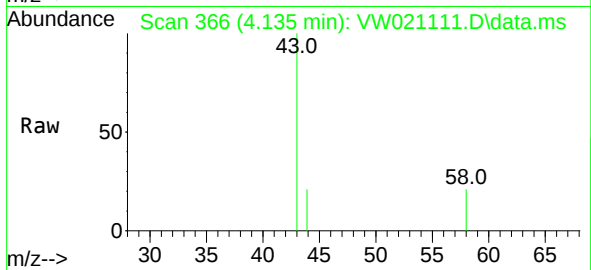




#13
Acetone
Concen: 5.030 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW021111.D
Acq: 04 Dec 2021 10:51

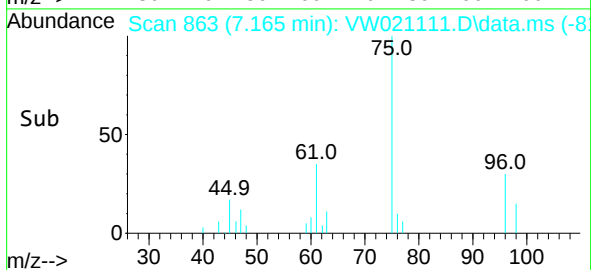
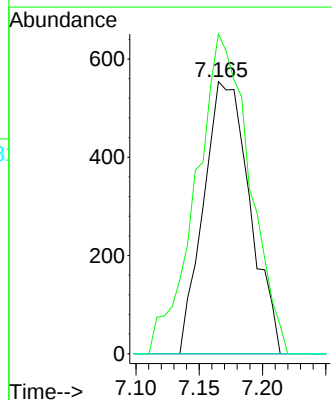
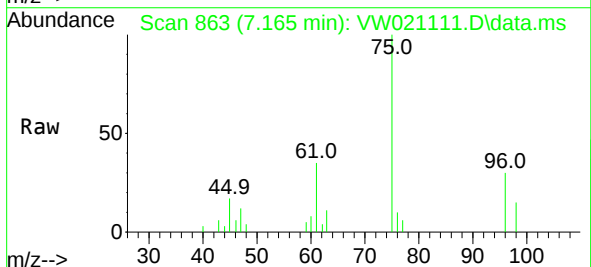
Instrument :
MSVOA_W
ClientSampleId :

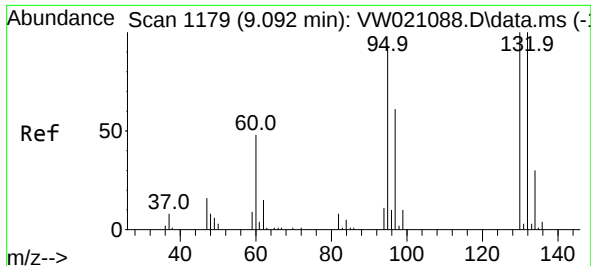
Tgt Ion: 43 Resp: 1355
Ion Ratio Lower Upper
43 100
58 20.2 0.0 52.8



#20
cis-1,2-Dichloroethene
Concen: 1.032 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW021111.D
Acq: 04 Dec 2021 10:51

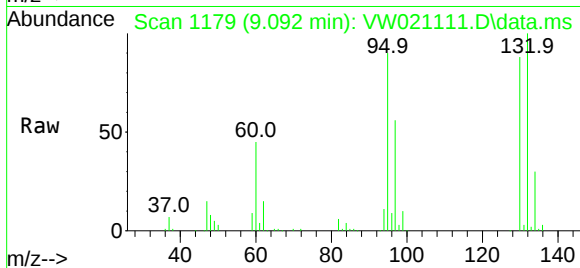
Tgt Ion: 96 Resp: 1408
Ion Ratio Lower Upper
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61 117.5 103.7 192.7
68 0.0 0.0 0.0



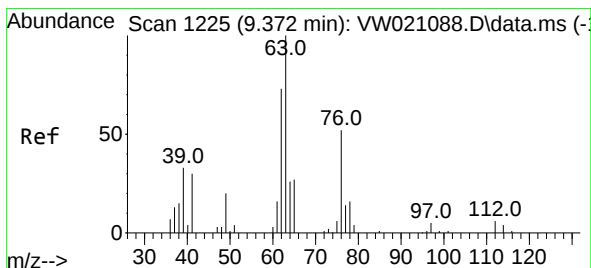
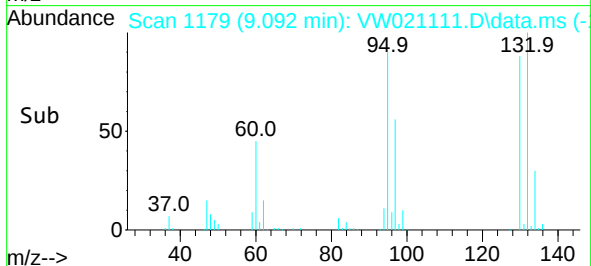
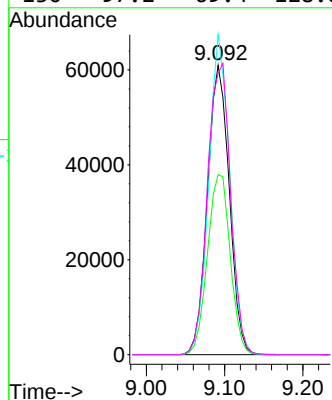


#34
 Trichloroethene
 Concen: 133.260 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW021111.D
 Acq: 04 Dec 2021 10:51

Instrument :
 MSVOA_W
 ClientSampleId :

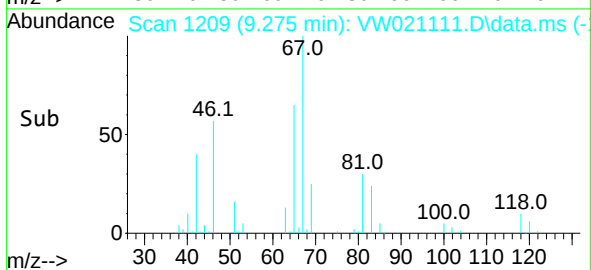
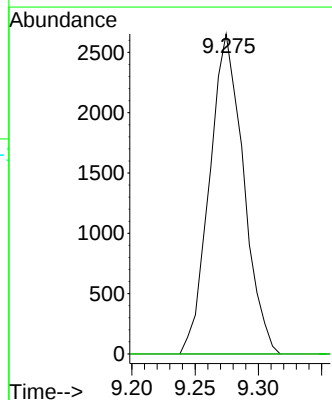
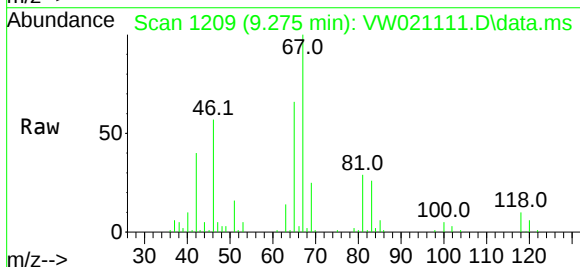


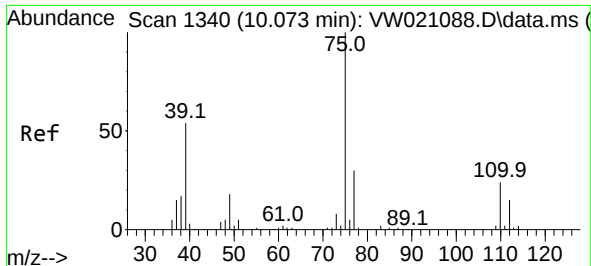
Tgt Ion: 95 Resp: 117988
 Ion Ratio Lower Upper
 95 100
 97 62.3 47.0 87.2
 132 110.6 65.5 121.6
 130 97.2 69.4 128.8



#37
 1,2-Dichloropropane
 Concen: 6.831 ug/L
 RT: 9.275 min Scan# 1209
 Delta R.T. -0.098 min
 Lab File: VW021111.D
 Acq: 04 Dec 2021 10:51

Tgt Ion: 63 Resp: 4955
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 1.042 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021111.D

Acq: 04 Dec 2021 10:51

Instrument :

MSVOA_W

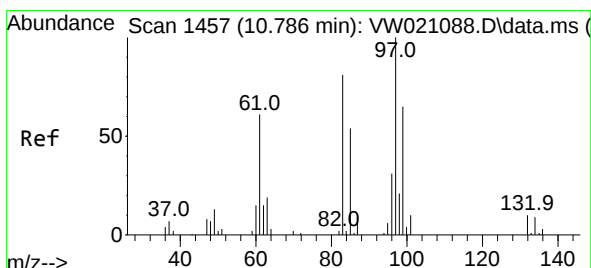
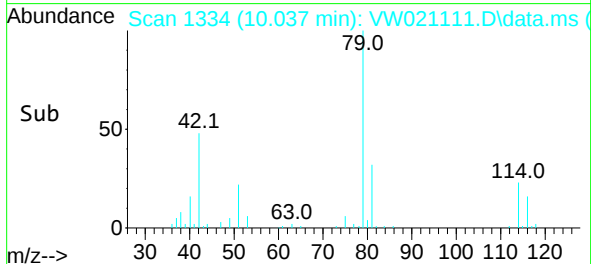
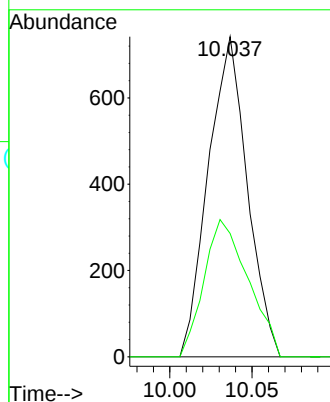
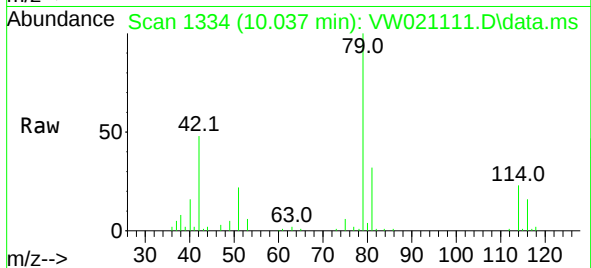
ClientSampleId :

Tgt Ion: 75 Resp: 1222

Ion Ratio Lower Upper

75 100

77 38.5 21.8 40.6



#45

1,1,2-Trichloroethane

Concen: 11.529 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021111.D

Acq: 04 Dec 2021 10:51

Tgt Ion: 97 Resp: 7011

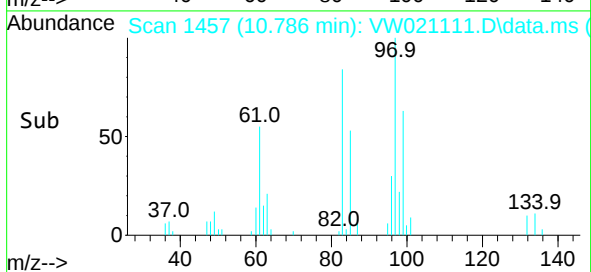
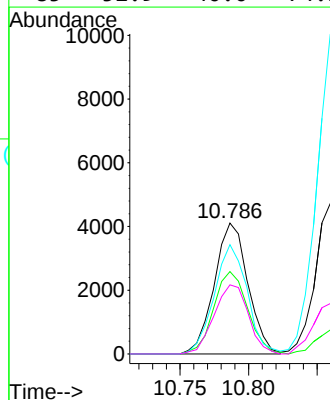
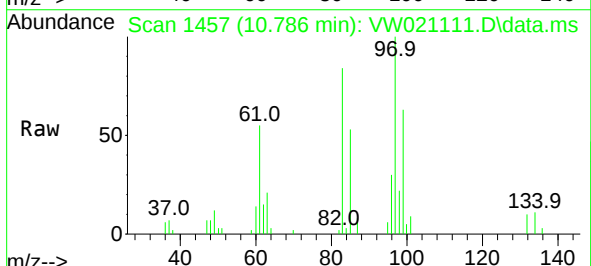
Ion Ratio Lower Upper

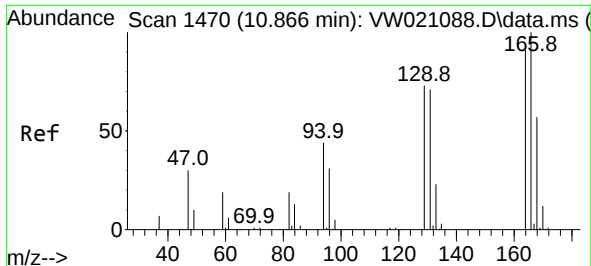
97 100

99 62.9 43.0 79.8

83 83.5 62.6 116.3

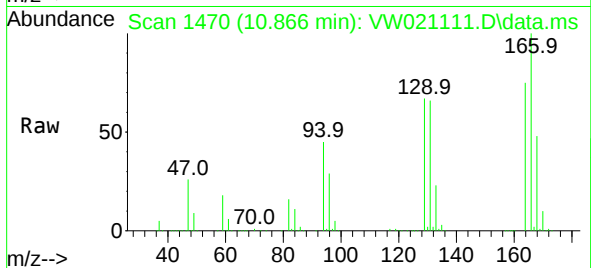
85 52.9 40.0 74.2



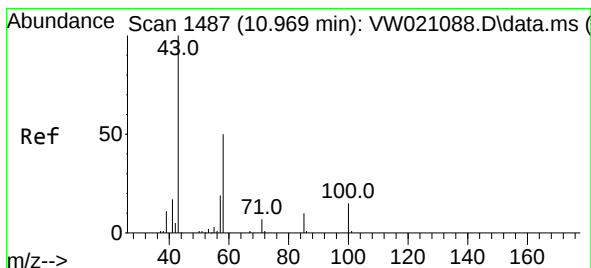
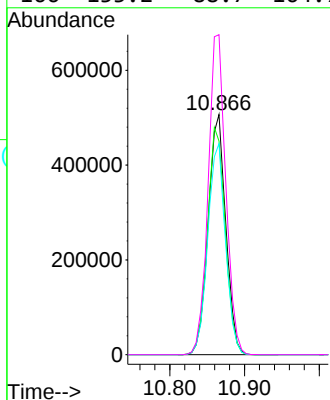
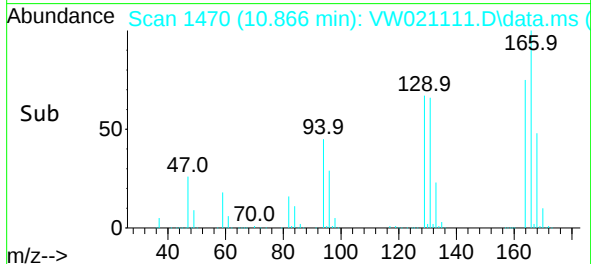


#46
Tetrachloroethene
Concen: 1025.290 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW021111.D
Acq: 04 Dec 2021 10:51

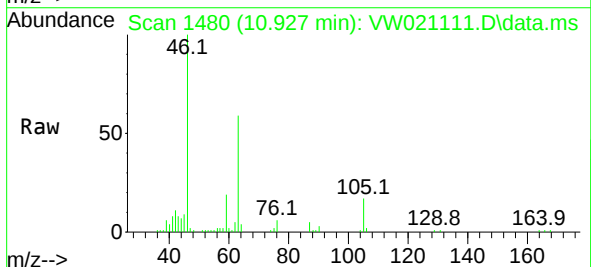
Instrument :
MSVOA_W
ClientSampleId :



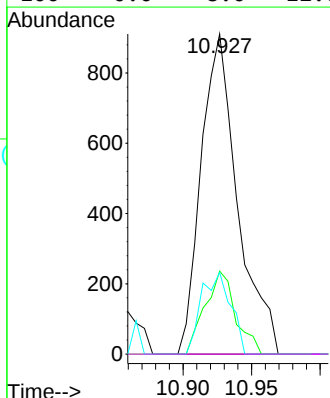
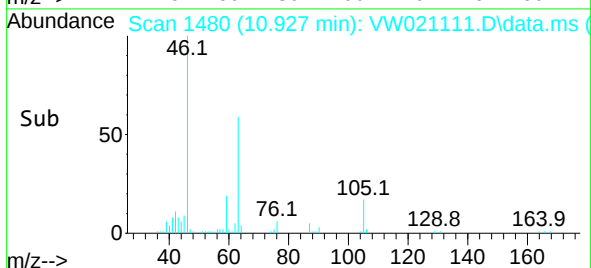
Tgt Ion:164 Resp: 831256
Ion Ratio Lower Upper
164 100
129 89.0 65.5 121.7
131 87.9 59.7 110.9
166 133.2 88.7 164.7

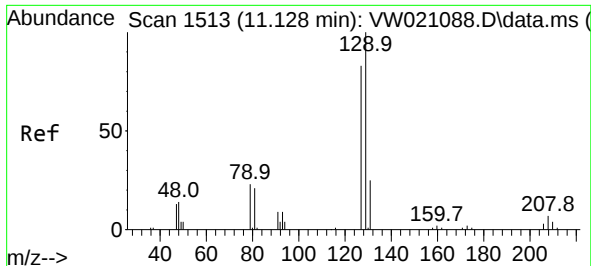


#48
2-Hexanone
Concen: 4.738 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021111.D
Acq: 04 Dec 2021 10:51



Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
58 21.7 40.2 60.2#
57 20.5 14.3 21.5
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 991.995 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021111.D

Acq: 04 Dec 2021 10:51

Instrument :

MSVOA_W

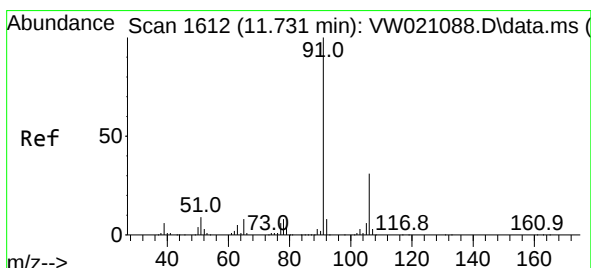
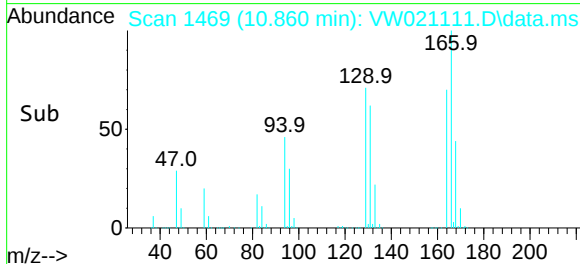
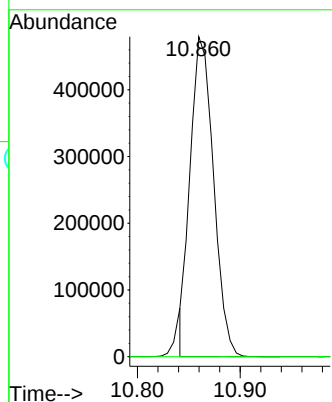
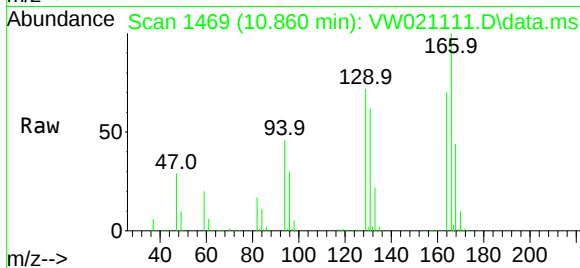
ClientSampleId :

Tgt Ion:129 Resp: 753976

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#52

Ethylbenzene

Concen: 0.934 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW021111.D

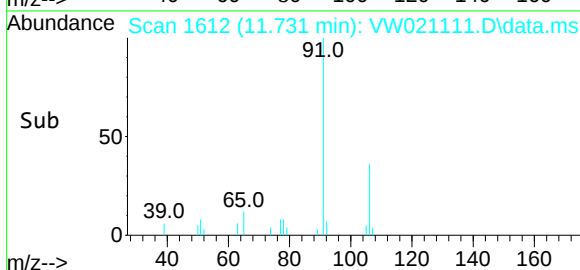
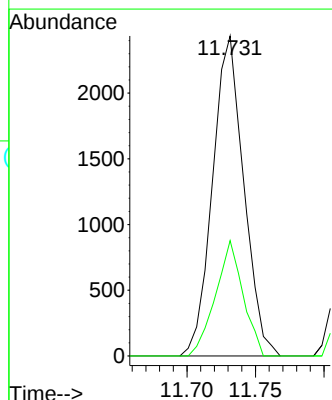
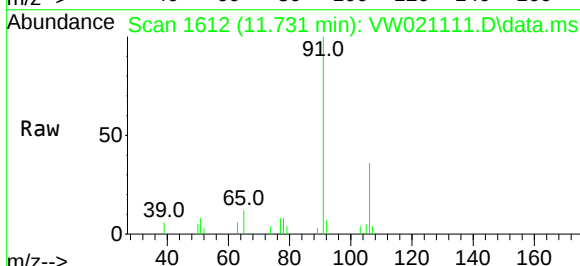
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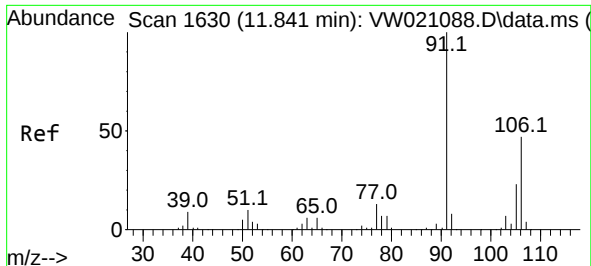
Tgt Ion: 91 Resp: 3854

Ion Ratio Lower Upper

91 100

106 36.1 21.5 39.9

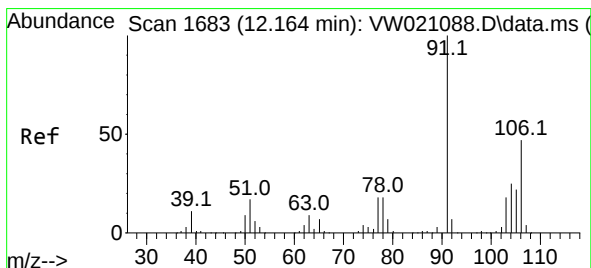
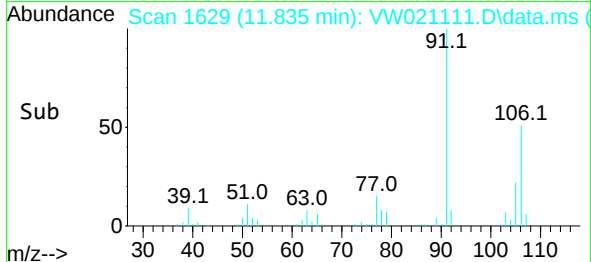
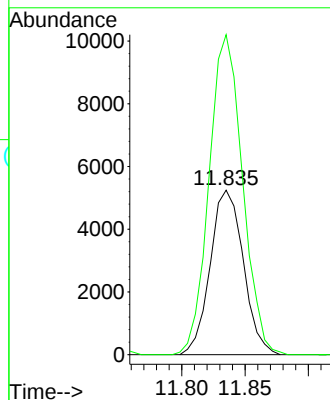
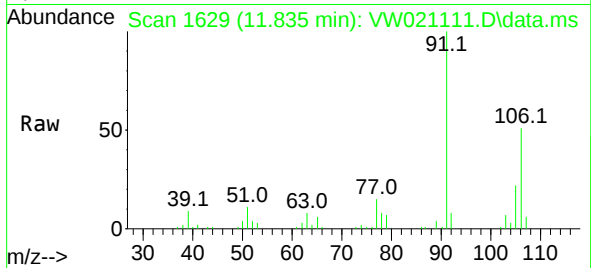




#53
m,p-Xylene
Concen: 5.598 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021111.D
Acq: 04 Dec 2021 10:51

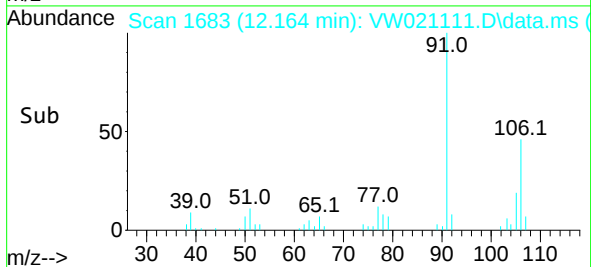
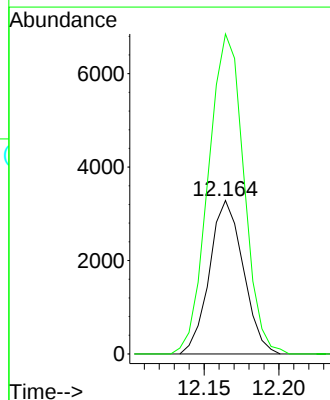
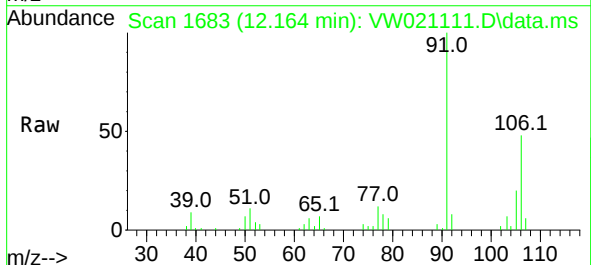
Instrument :
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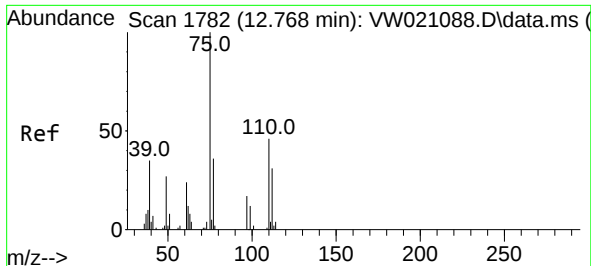
Tgt Ion:106 Resp: 9557
Ion Ratio Lower Upper
106 100
91 194.5 149.9 278.3



#54
o-Xylene
Concen: 3.209 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021111.D
Acq: 04 Dec 2021 10:51

Tgt Ion:106 Resp: 5165
Ion Ratio Lower Upper
106 100
91 208.6 153.6 285.3





#61

1,2,3-Trichloropropane

Concen: 1.193 ug/L

RT: 12.603 min Scan# 11

Delta R.T. -0.165 min

Lab File: VW021111.D

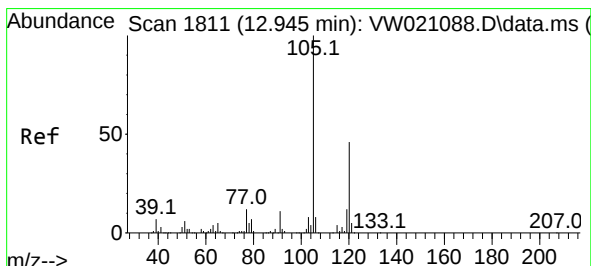
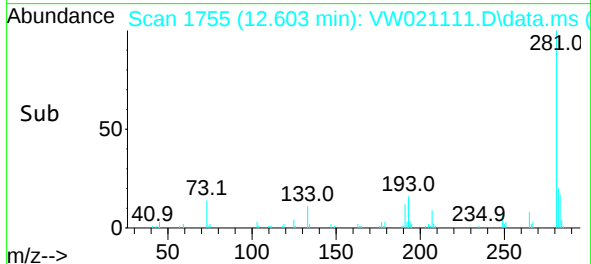
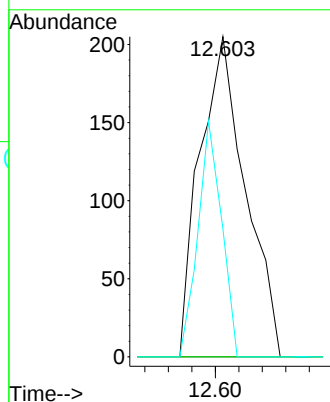
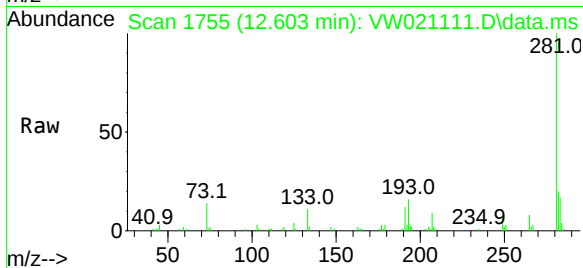
Acq: 04 Dec 2021 10:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 277
Ion Ratio	Lower Upper
75 100	
77 23.1	25.8 38.8#
110 38.3	29.0 43.4



#62

1,3,5-Trimethylbenzene

Concen: 0.498 ug/L

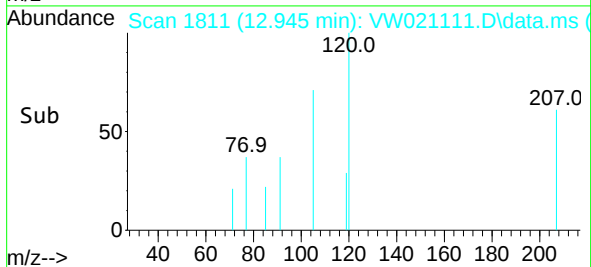
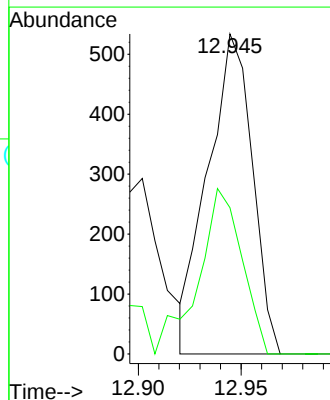
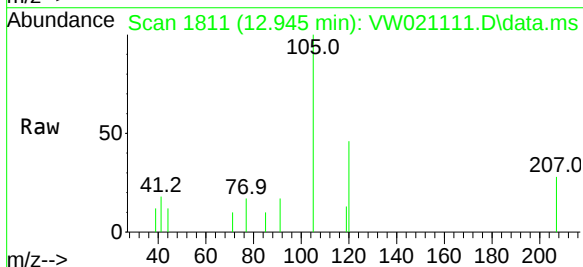
RT: 12.945 min Scan# 1811

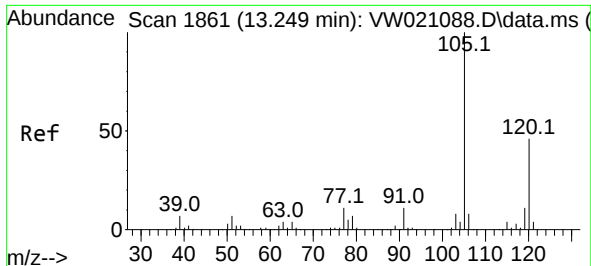
Delta R.T. 0.000 min

Lab File: VW021111.D

Acq: 04 Dec 2021 10:51

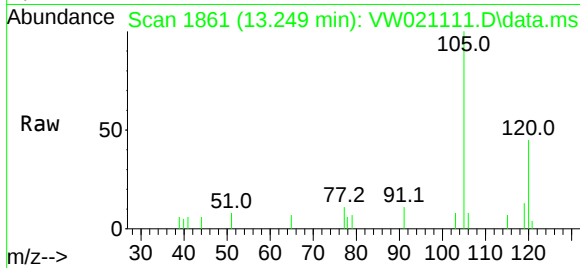
Tgt Ion: 105	Resp: 803
Ion Ratio	Lower Upper
105 100	
120 45.1	37.4 56.2



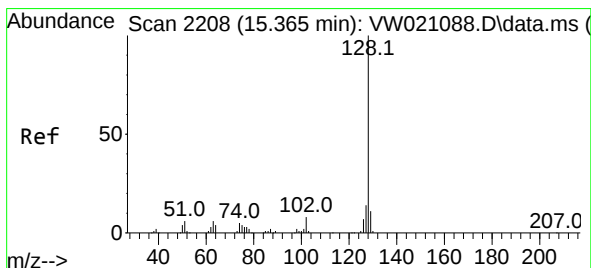
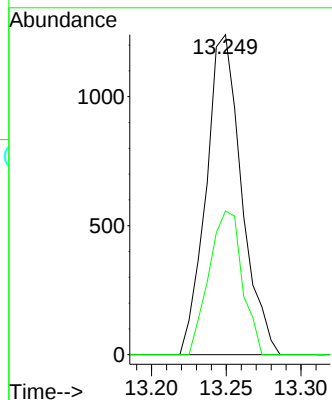
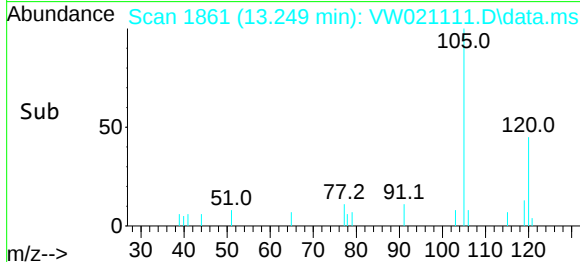


#63
1,2,4-Trimethylbenzene
Concen: 1.263 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021111.D
Acq: 04 Dec 2021 10:51

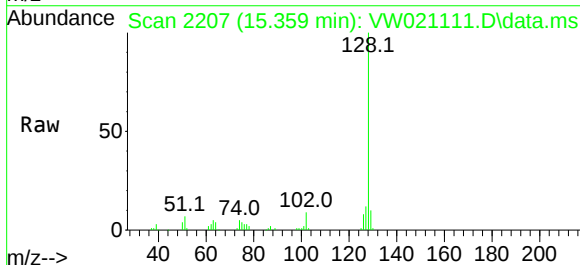
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:105 Resp: 2049
Ion Ratio Lower Upper
105 100
120 42.0 35.0 52.6



#71
Naphthalene
Concen: 31.410 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW021111.D
Acq: 04 Dec 2021 10:51



Tgt Ion:128 Resp: 31983
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.5 8.6 12.8

