

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021146.D
 Acq On : 05 Dec 2021 03:50
 Operator : SY/VA
 Sample : M4886-08RE
 Misc : 5.02g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 04:30:11 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	90956	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	55577	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	10743	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45998	36.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 145.200%	
7) Chloroethane-d5	2.885	69	28596	33.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 134.840%	
11) 1,1-Dichloroethene-d2	4.019	63	49369	24.386	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.560%	
21) 2-Butanone-d5	7.086	46	15230	52.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.380%	
24) Chloroform-d	7.653	84	73081	32.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 128.320%	
26) 1,2-Dichloroethane-d4	8.305	65	37993	30.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 121.960%	
32) Benzene-d6	8.275	84	137628	48.432	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 193.720%#	
36) 1,2-Dichloropropane-d6	9.275	67	40365	51.114	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 204.440%#	
41) Toluene-d8	10.323	98	108961	37.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 149.560%#	
43) trans-1,3-Dichloroprop...	10.579	79	9092	25.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.440%	
47) 2-Hexanone-d5	10.927	63	9946	65.828	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 131.660%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	23476	32.133	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 128.520%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	10917	28.362	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 113.440%	
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	2293	8.709	ug/L	96
16) Methylene chloride	4.928	84	8343	5.822	ug/L	80
22) 2-Butanone	7.147	43	1987	5.453	ug/L	# 52
27) 1,2-Dichloroethane	8.403	62	5242	3.581	ug/L	99
34) Trichloroethene	9.086	95	507	0.581	ug/L	# 74
37) 1,2-Dichloropropane	9.275	63	5303	7.424	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1094	0.947	ug/L	# 78
42) Toluene	10.384	91	11723	3.248	ug/L	91
46) Tetrachloroethene	10.866	164	437	0.547	ug/L	88
48) 2-Hexanone	10.933	43	1949	5.552	ug/L	# 66
52) Ethylbenzene	11.725	91	1844	0.454	ug/L	# 76
53) m,p-Xylene	11.835	106	2598	1.545	ug/L	81
54) o-Xylene	12.164	106	1504	0.949	ug/L	87
61) 1,2,3-Trichloropropane	12.926	75	211	1.172	ug/L	# 40
62) 1,3,5-Trimethylbenzene	13.249	105	1022	0.817	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	1022	0.813	ug/L	98
71) Naphthalene	15.359	128	1392	1.764	ug/L	# 90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021146.D
Acq On : 05 Dec 2021 03:50
Operator : SY/VA
Sample : M4886-08RE
Misc : 5.02g/10.0mL/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 06 04:30:11 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

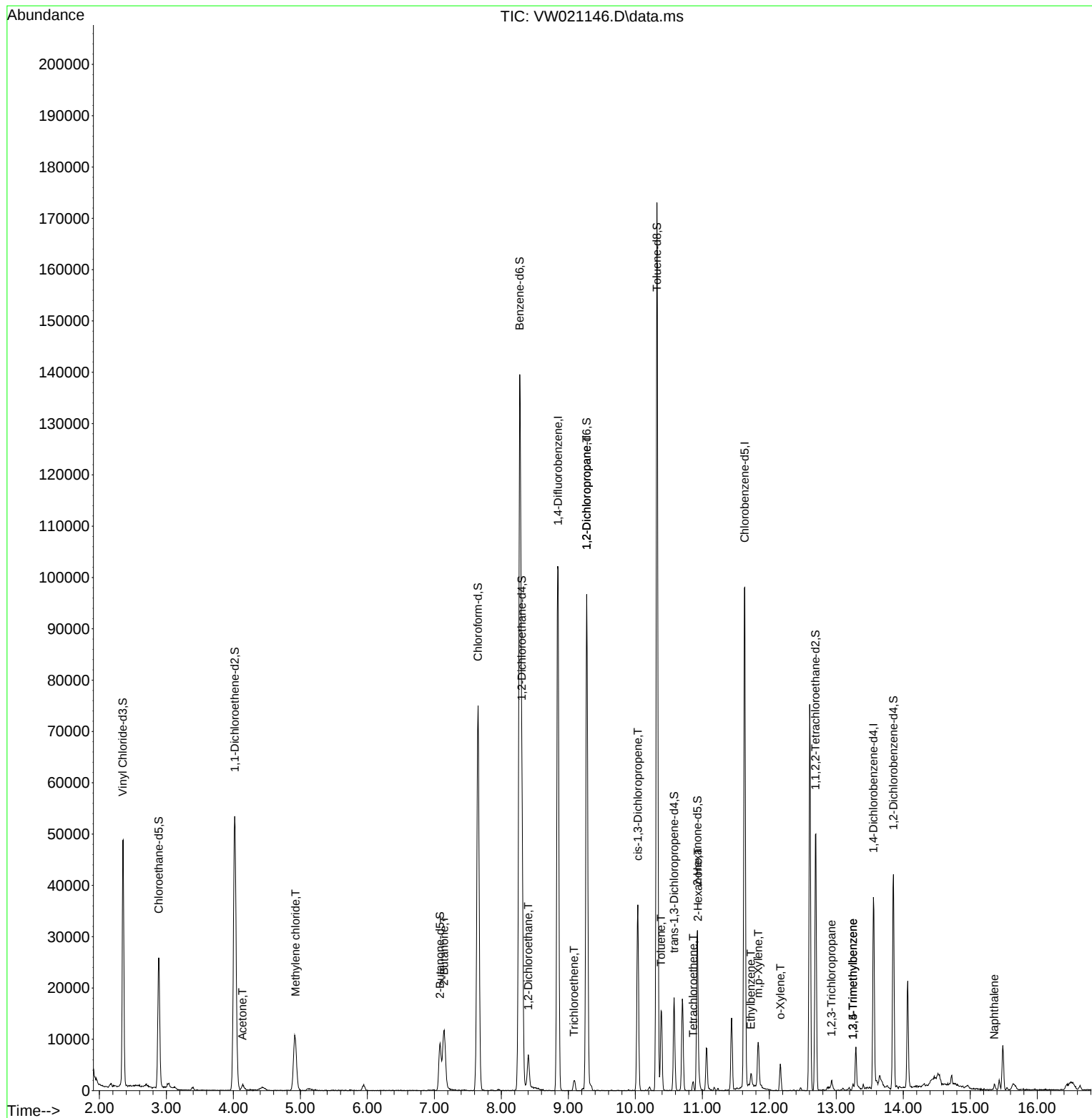
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

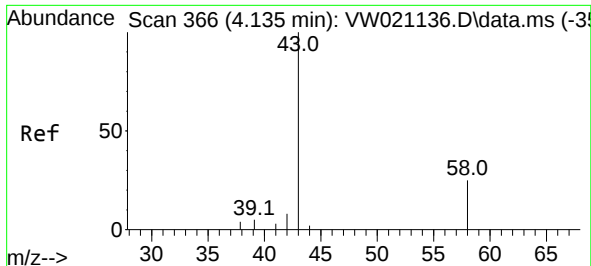
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
Data File : VW021146.D
Acq On : 05 Dec 2021 03:50
Operator : SY/VA
Sample : M4886-08RE
Misc : 5.02g/10.0mL/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 06 04:30:11 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

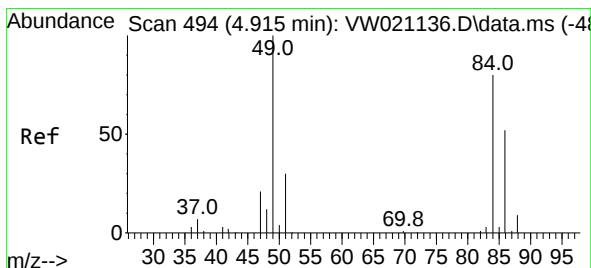
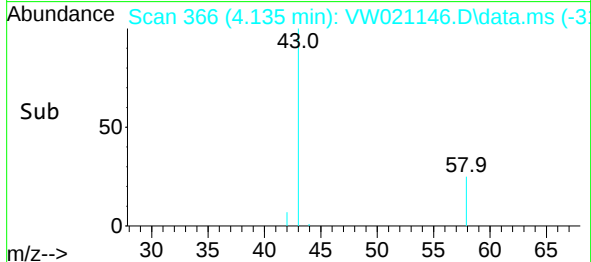
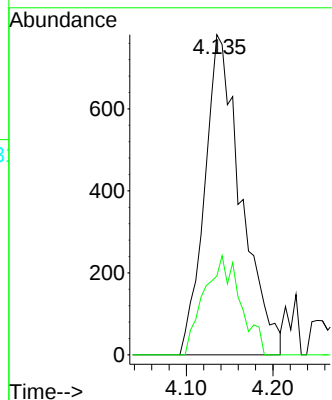
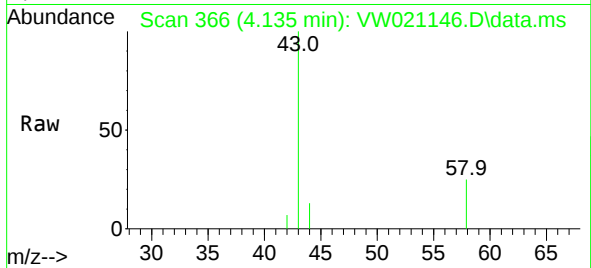




#13
Acetone
Concen: 8.709 ug/L
RT: 4.135 min Scan# 301
Delta R.T. 0.000 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

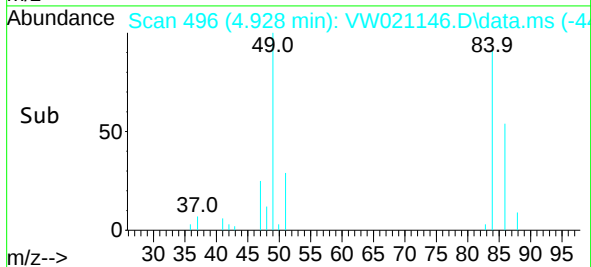
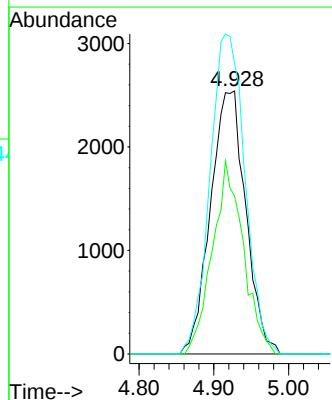
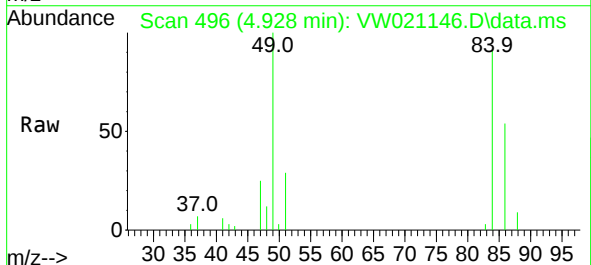
Instrument :
MSVOA_W
ClientSampleId :

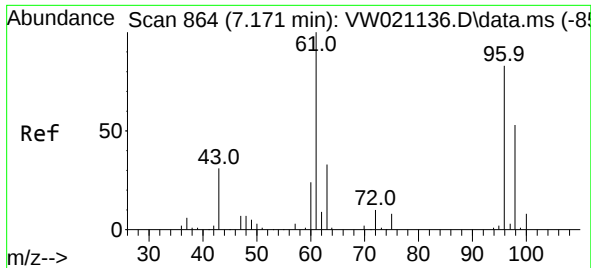
Tgt Ion: 43 Resp: 2293
Ion Ratio Lower Upper
43 100
58 28.3 0.0 52.8



#16
Methylene chloride
Concen: 5.822 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

Tgt Ion: 84 Resp: 8343
Ion Ratio Lower Upper
84 100
86 60.0 45.5 84.5
49 110.4 100.5 186.7

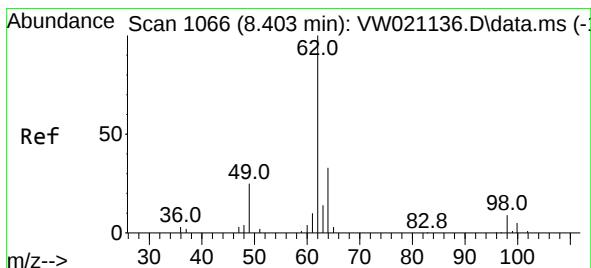
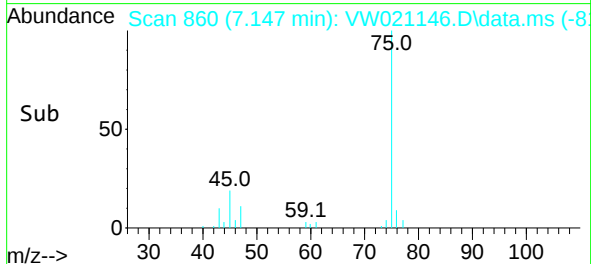
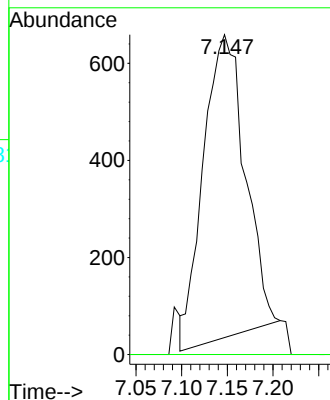
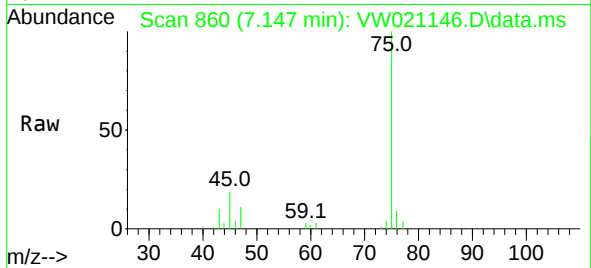




#22
2-Butanone
Concen: 5.453 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.024 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

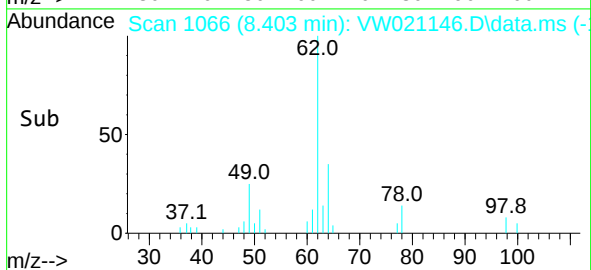
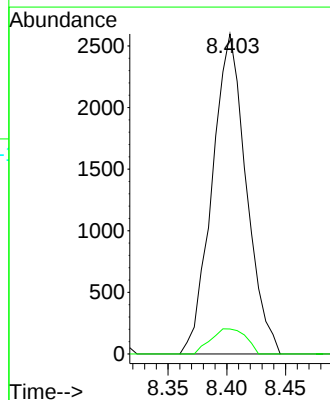
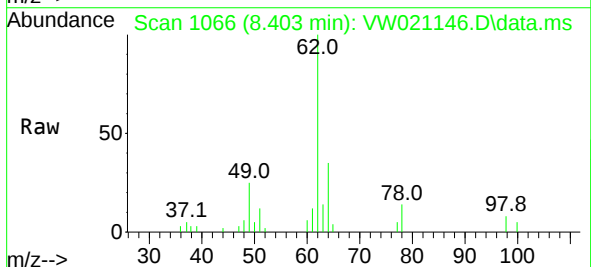
Instrument :
MSVOA_W
ClientSampleId :

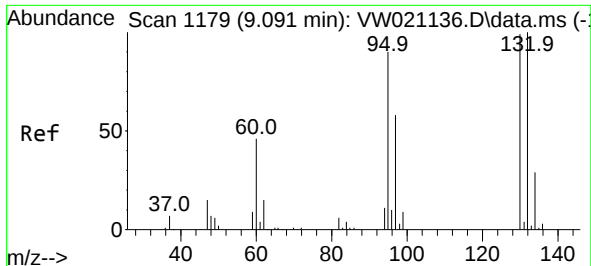
Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#27
1,2-Dichloroethane
Concen: 3.581 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

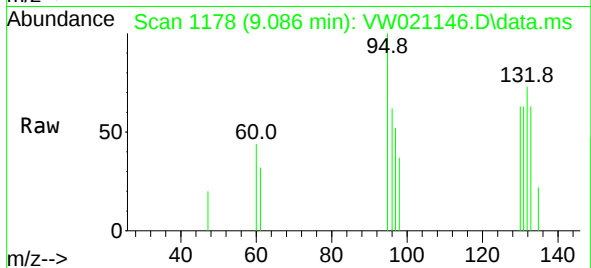
Tgt Ion: 62 Resp: 5242
Ion Ratio Lower Upper
62 100
98 7.8 6.5 9.7



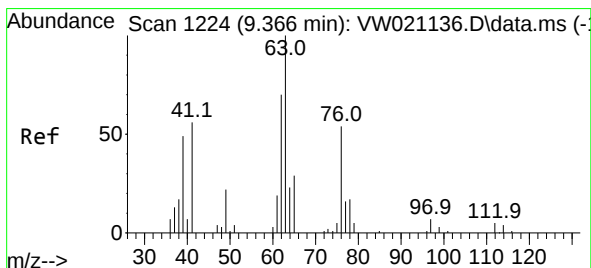
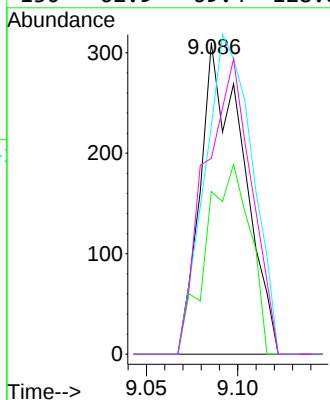
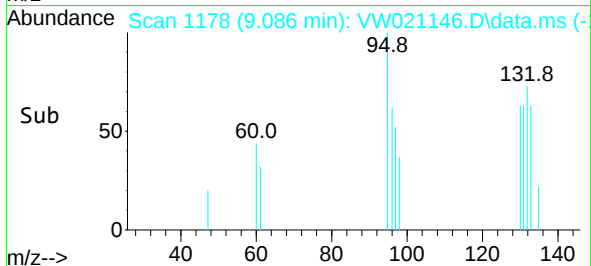


#34
Trichloroethene
Concen: 0.581 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

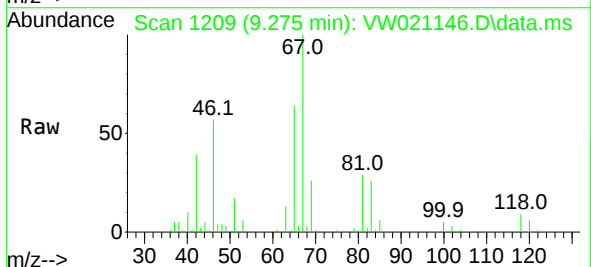
Instrument :
MSVOA_W
ClientSampleId :



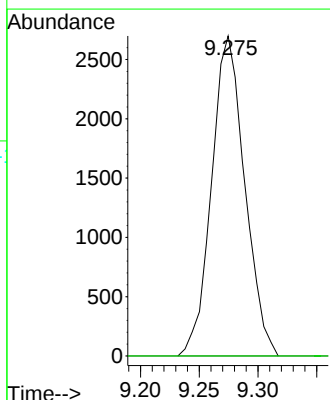
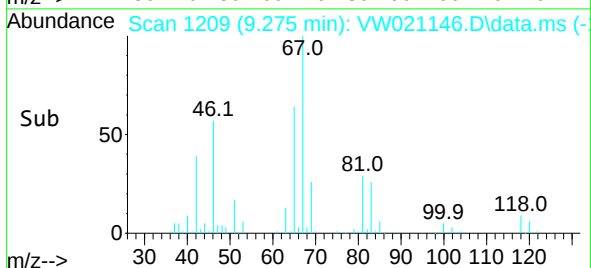
Tgt Ion: 95 Resp: 507
Ion Ratio Lower Upper
95 100
97 52.3 47.0 87.2
132 73.2 65.5 121.6
130 62.9 69.4 128.8#

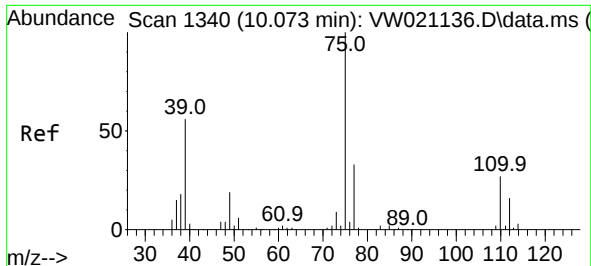


#37
1,2-Dichloropropane
Concen: 7.424 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50



Tgt Ion: 63 Resp: 5303
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.947 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021146.D

Acq: 05 Dec 2021 03:50

Instrument :

MSVOA_W

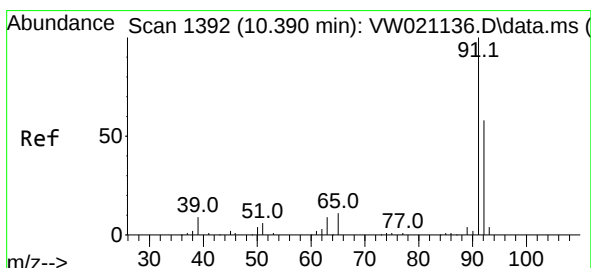
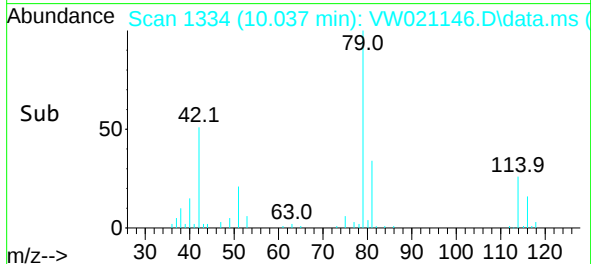
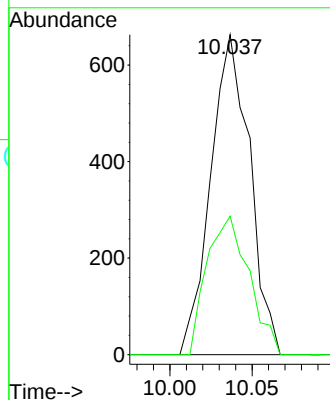
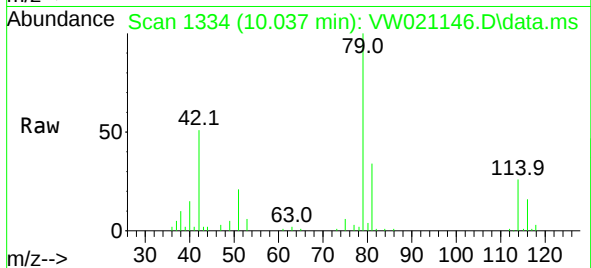
ClientSampleId :

Tgt Ion: 75 Resp: 1094

Ion Ratio Lower Upper

75 100

77 43.3 21.8 40.6#



#42

Toluene

Concen: 3.248 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW021146.D

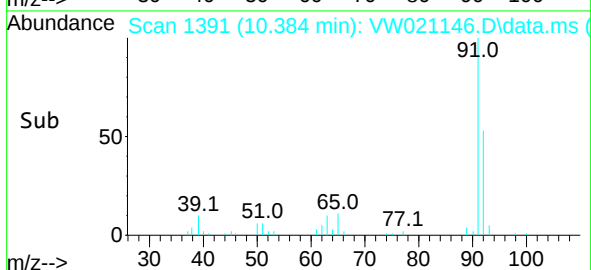
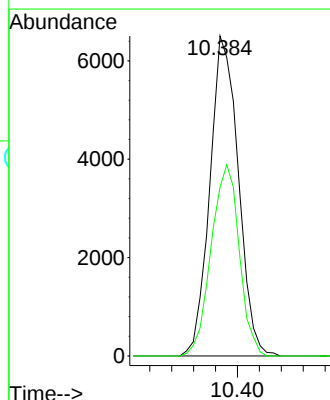
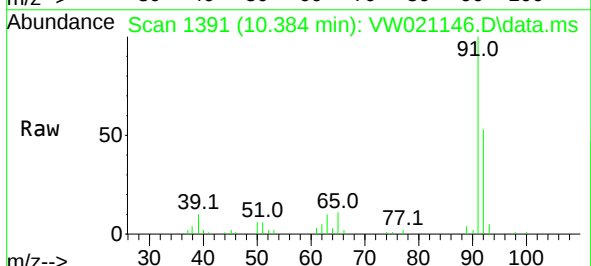
Acq: 05 Dec 2021 03:50

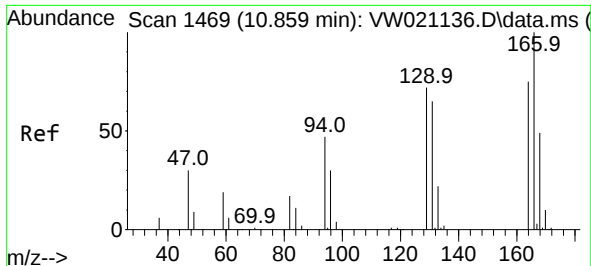
Tgt Ion: 91 Resp: 11723

Ion Ratio Lower Upper

91 100

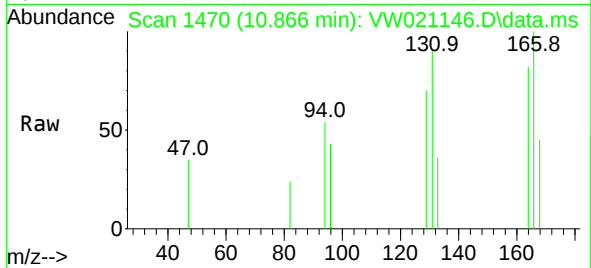
92 52.8 41.7 77.5





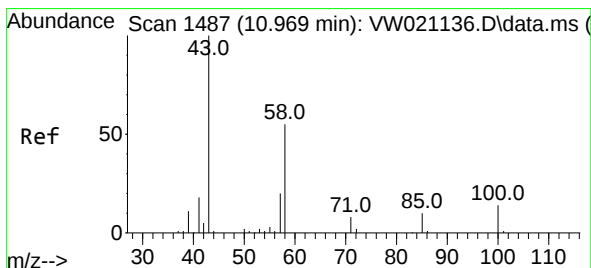
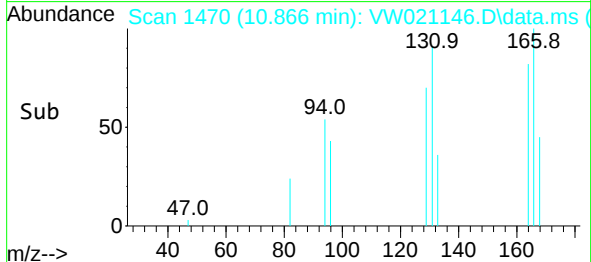
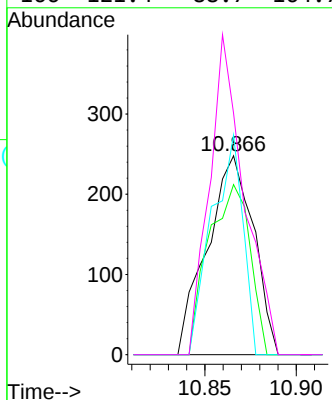
#46
Tetrachloroethene
Concen: 0.547 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 437

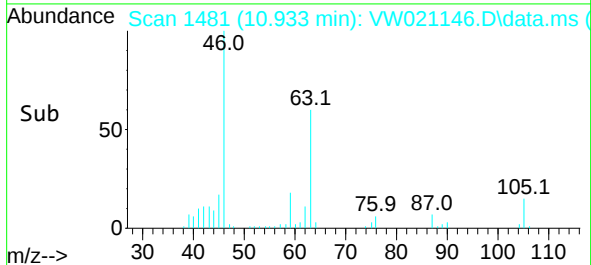
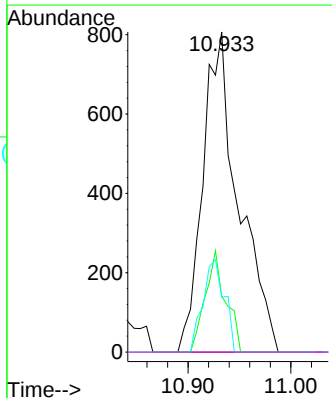
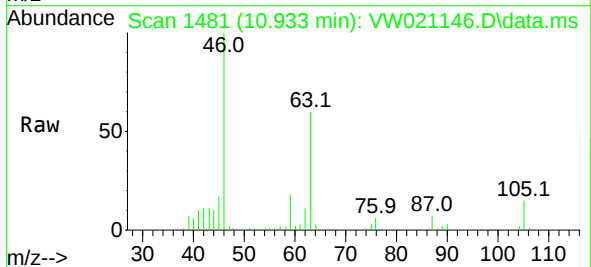
Ion	Ratio	Lower	Upper
164	100		
129	85.5	65.5	121.7
131	110.5	59.7	110.9
166	121.4	88.7	164.7

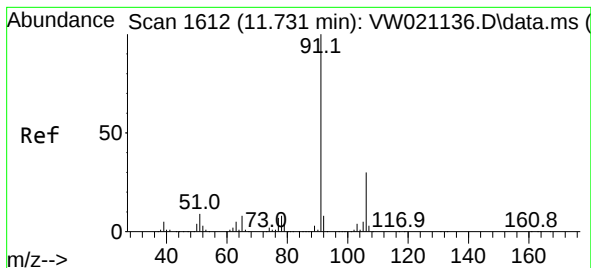


#48
2-Hexanone
Concen: 5.552 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

Tgt Ion: 43 Resp: 1949

Ion	Ratio	Lower	Upper
43	100		
58	18.1	40.2	60.2#
57	17.3	14.3	21.5
100	0.0	8.0	12.0#

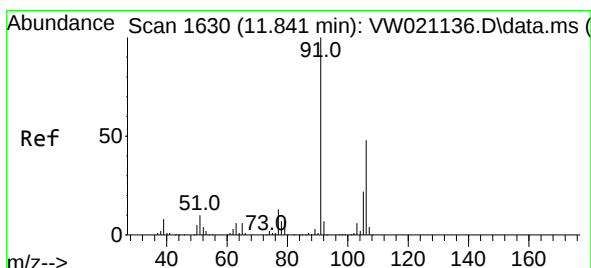
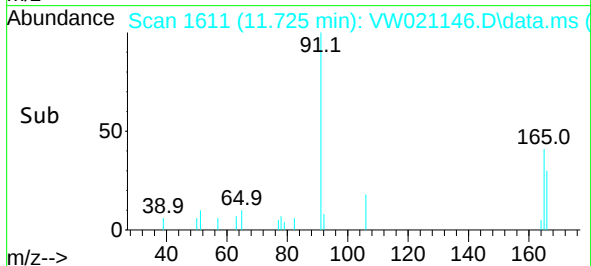
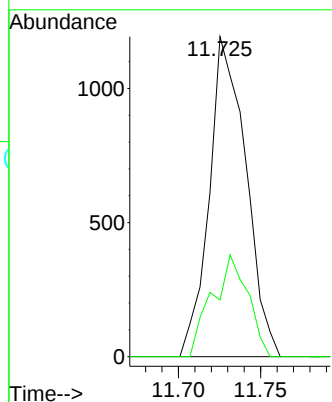
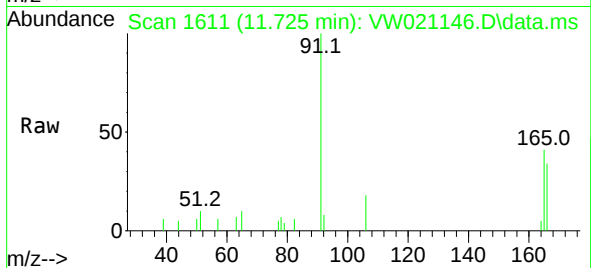




#52
Ethylbenzene
Concen: 0.454 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

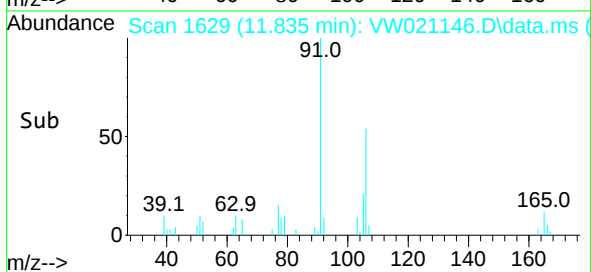
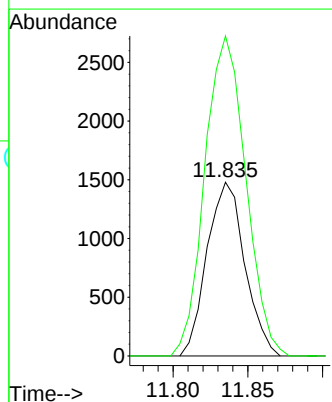
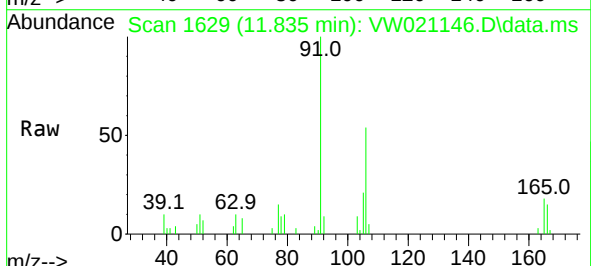
Instrument :
MSVOA_W
ClientSampleId :

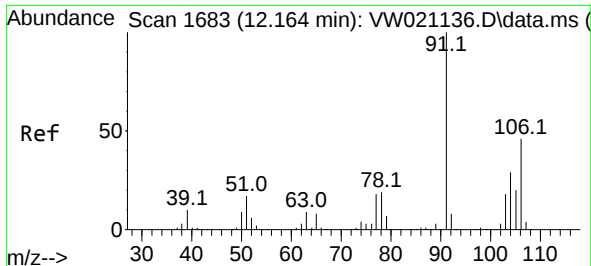
Tgt Ion: 91 Resp: 1844
Ion Ratio Lower Upper
91 100
106 17.7 21.5 39.9#



#53
m,p-Xylene
Concen: 1.545 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

Tgt Ion: 106 Resp: 2598
Ion Ratio Lower Upper
106 100
91 184.2 149.9 278.3

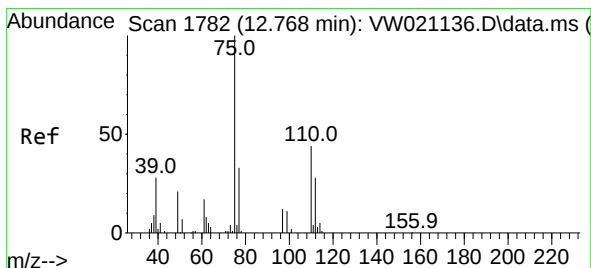
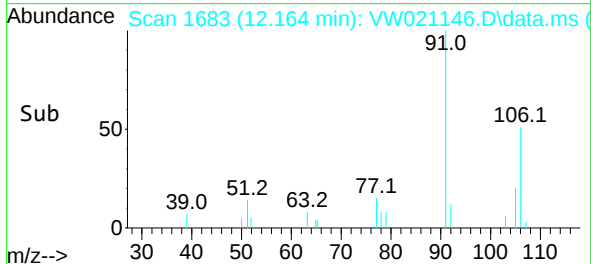
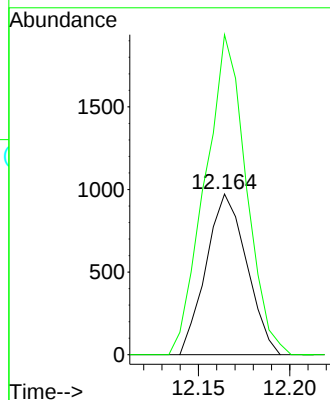
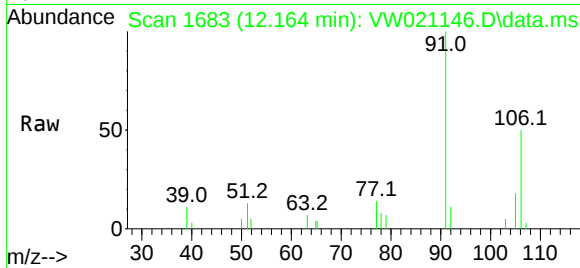




#54
o-Xylene
Concen: 0.949 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

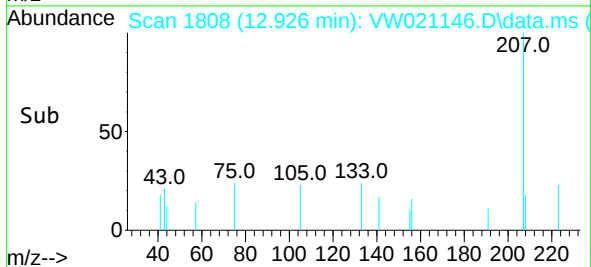
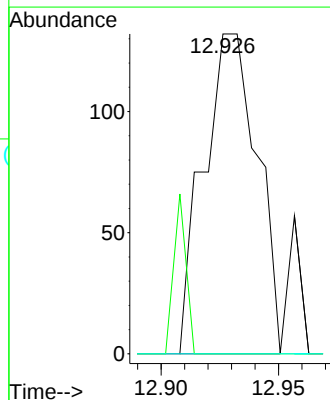
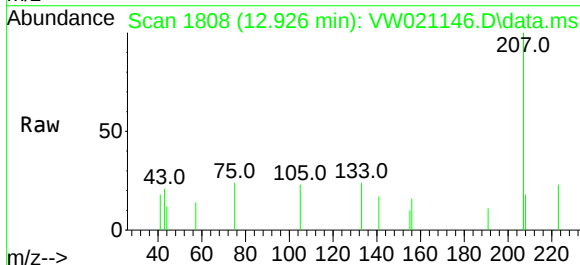
Instrument :
MSVOA_W
ClientSampleId :

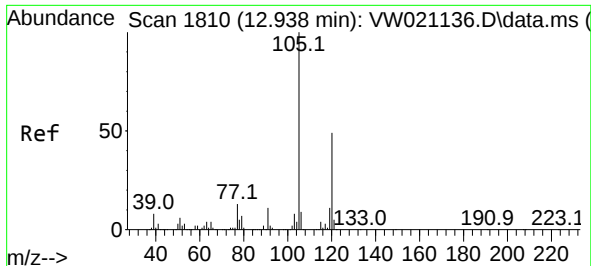
Tgt Ion:106 Resp: 1504
Ion Ratio Lower Upper
106 100
91 199.3 153.6 285.3



#61
1,2,3-Trichloropropane
Concen: 1.172 ug/L
RT: 12.926 min Scan# 1808
Delta R.T. 0.159 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

Tgt Ion: 75 Resp: 211
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#
110 0.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.817 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.305 min

Lab File: VW021146.D

Acq: 05 Dec 2021 03:50

Instrument :

MSVOA_W

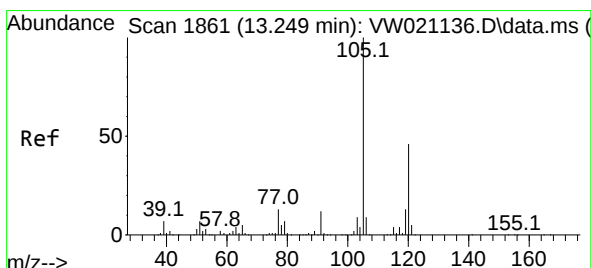
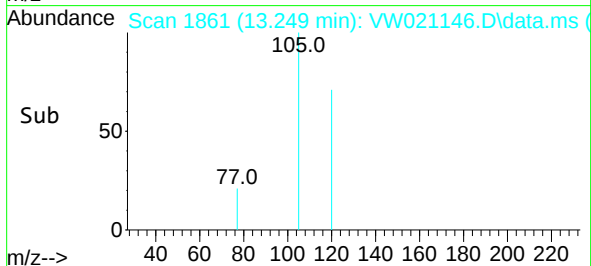
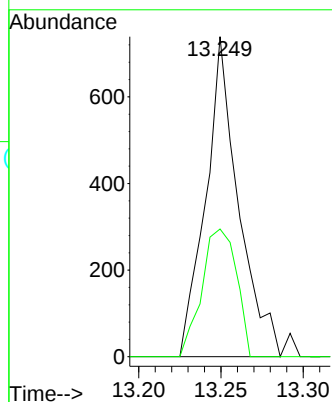
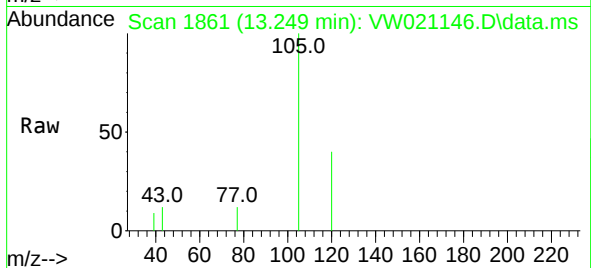
ClientSampleId :

Tgt Ion:105 Resp: 1022

Ion Ratio Lower Upper

105 100

120 42.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 0.813 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021146.D

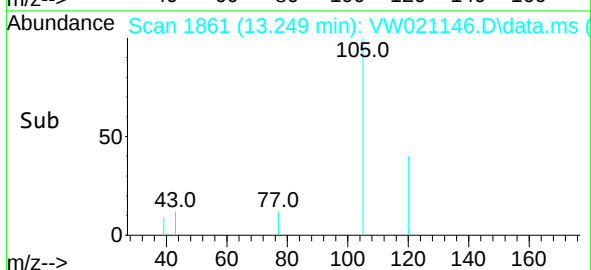
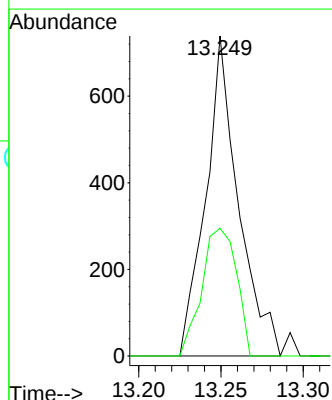
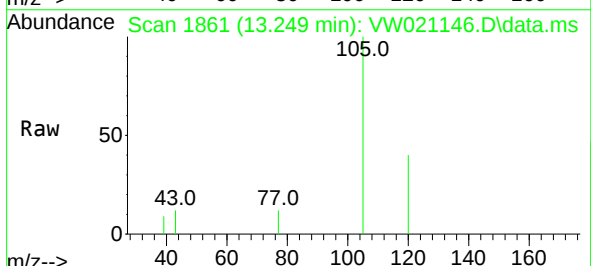
Acq: 05 Dec 2021 03:50

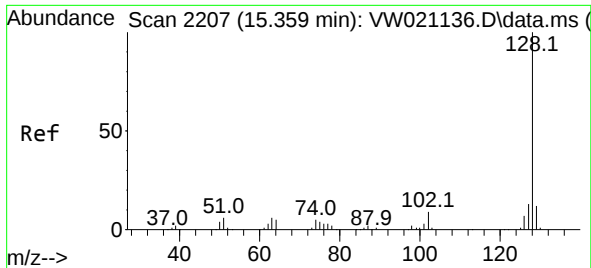
Tgt Ion:105 Resp: 1022

Ion Ratio Lower Upper

105 100

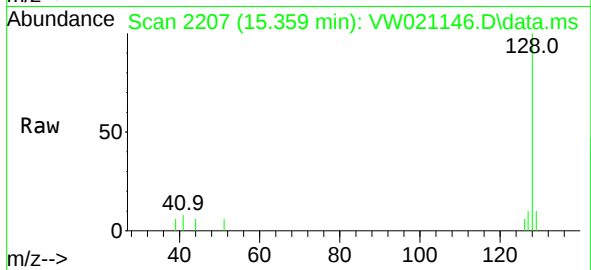
120 42.3 35.0 52.6





#71
Naphthalene
Concen: 1.764 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021146.D
Acq: 05 Dec 2021 03:50

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 1392
Ion Ratio Lower Upper
128 100
127 10.2 10.7 16.1#
129 6.0 8.6 12.8#

