

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021446.D
 Acq On : 18 Dec 2021 01:40
 Operator : SY/VA
 Sample : M5153-09
 Misc : 5.58g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL74

Quant Time: Dec 18 03:59:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

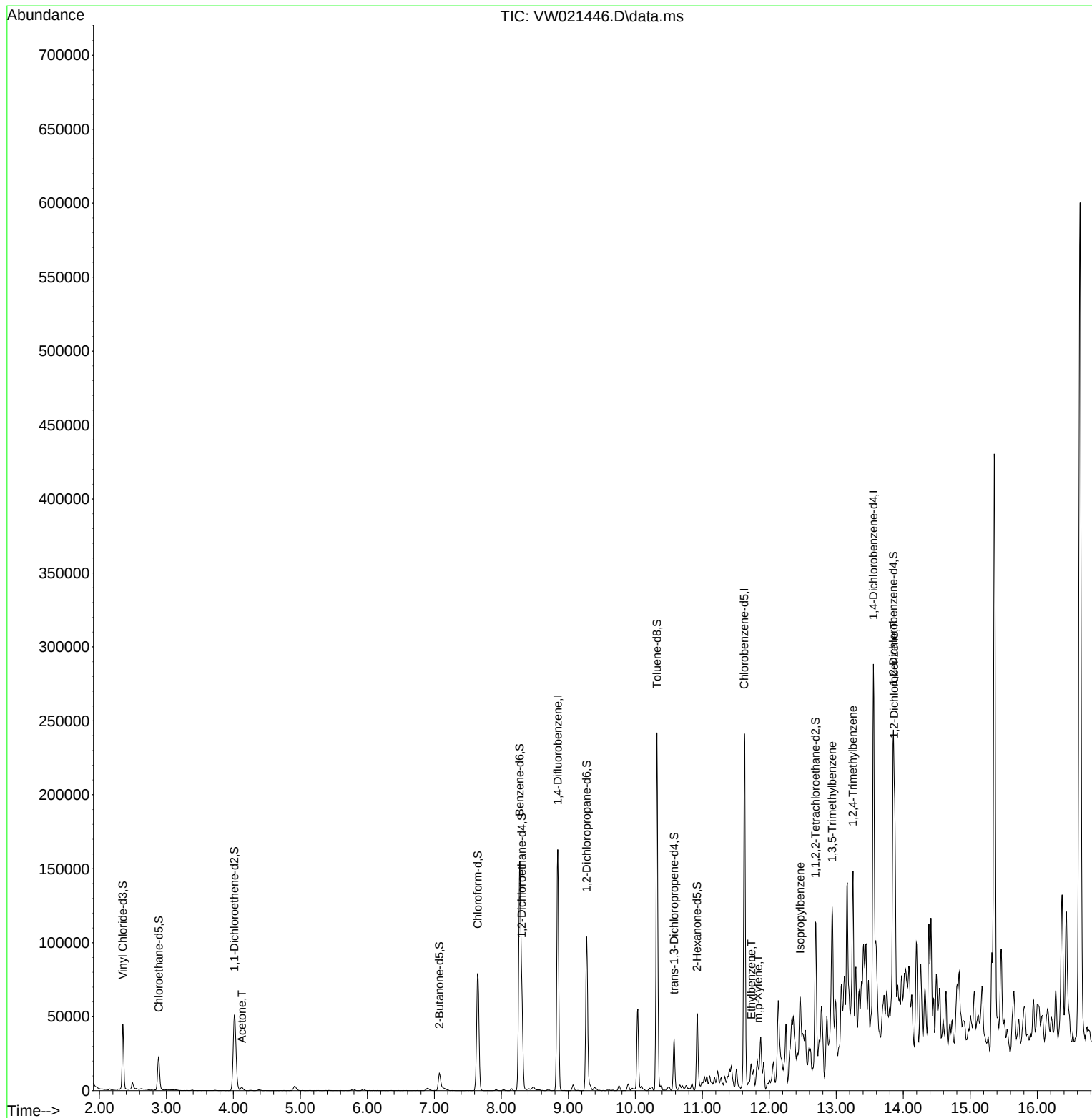
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	137502	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	134849	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70903	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42280	16.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.520%
7) Chloroethane-d5	2.885	69	26338	15.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.640%
11) 1,1-Dichloroethene-d2	4.013	63	49051	14.692	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.760%
21) 2-Butanone-d5	7.074	46	19598	55.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.040%
24) Chloroform-d	7.647	84	81578	21.289	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.160%
26) 1,2-Dichloroethane-d4	8.305	65	46972	23.045	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.160%
32) Benzene-d6	8.275	84	158027	21.379	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.520%
36) 1,2-Dichloropropane-d6	9.274	67	44442	22.419	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.680%
41) Toluene-d8	10.323	98	158013	20.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.680%
43) trans-1,3-Dichloroprop...	10.579	79	17937	19.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.600%
47) 2-Hexanone-d5	10.920	63	16280	55.538	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37972	22.283	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	51928	18.897	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.600%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	4277	13.515	ug/L	96
52) Ethylbenzene	11.731	91	10902	1.110	ug/L	94
53) m,p-Xylene	11.835	106	2823	0.713	ug/L	99
60) Isopropylbenzene	12.463	105	23459	2.435	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	20173	2.461	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	65783	8.134	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	3684	0.921	ug/L	# 37

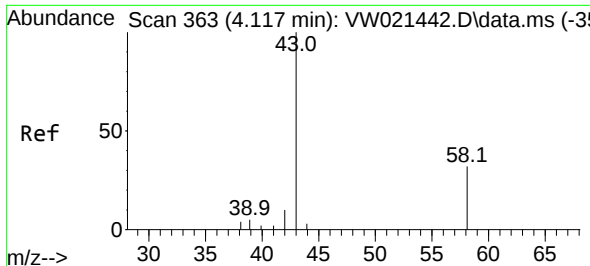
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 18 03:59:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration





#13

Acetone

Concen: 13.515 ug/L

RT: 4.129 min Scan# 365

Delta R.T. 0.012 min

Lab File: VW021446.D

Acq: 18 Dec 2021 01:40

Instrument :

MSVOA_W

ClientSampleId :

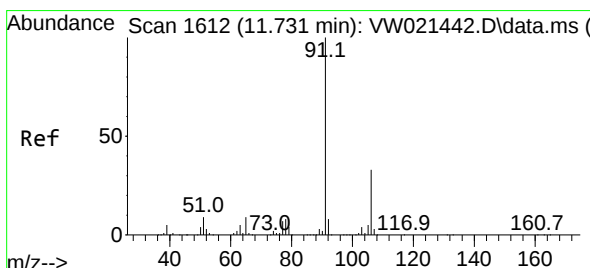
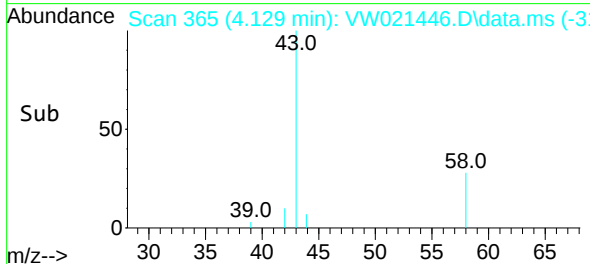
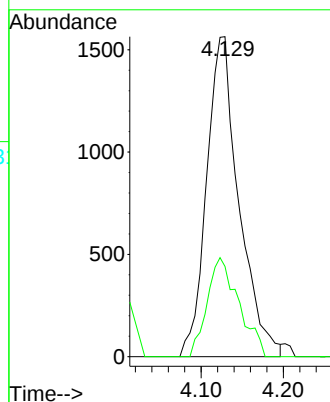
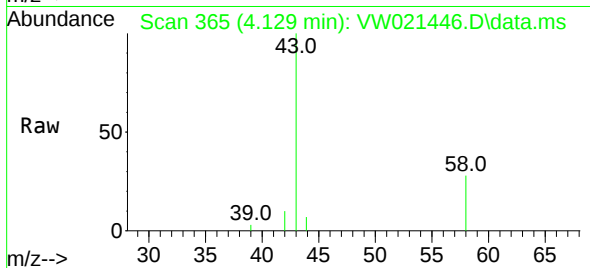
BGL74

Tgt Ion: 43 Resp: 4277

Ion Ratio Lower Upper

43 100

58 28.3 0.0 52.8



#52

Ethylbenzene

Concen: 1.110 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021446.D

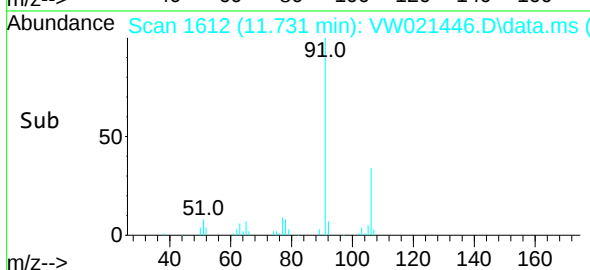
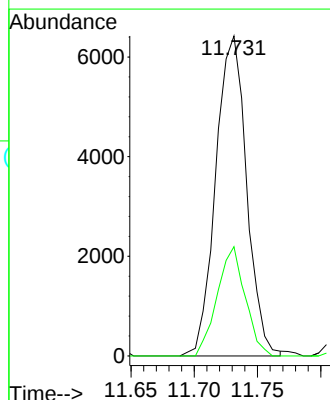
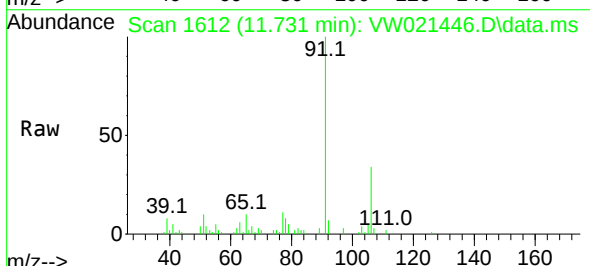
Acq: 18 Dec 2021 01:40

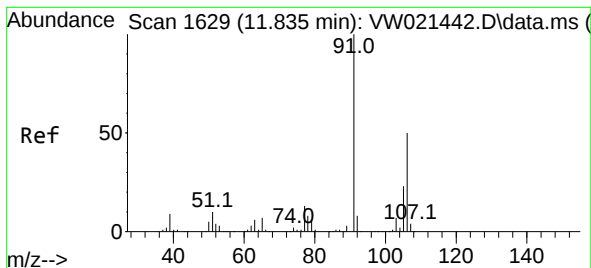
Tgt Ion: 91 Resp: 10902

Ion Ratio Lower Upper

91 100

106 34.1 21.5 39.9





#53

m,p-Xylene

Concen: 0.713 ug/L

RT: 11.835 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021446.D

Acq: 18 Dec 2021 01:40

Instrument :

MSVOA_W

ClientSampleId :

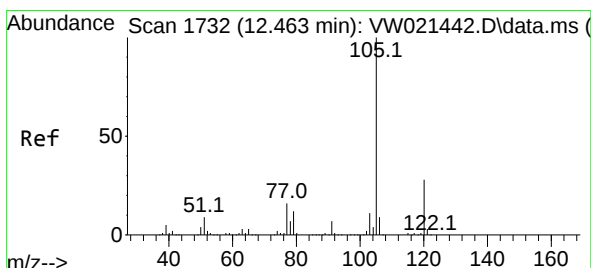
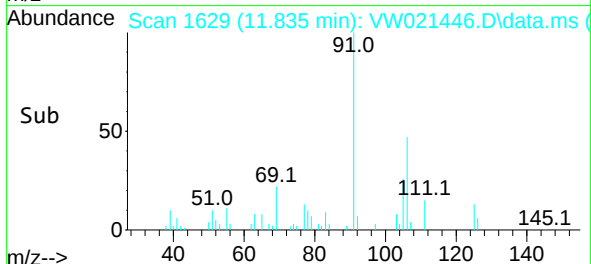
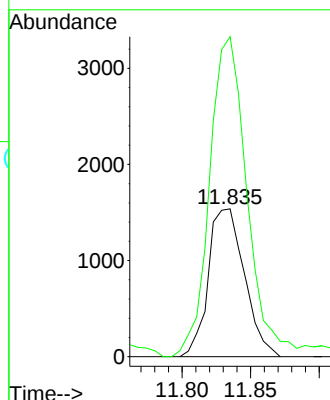
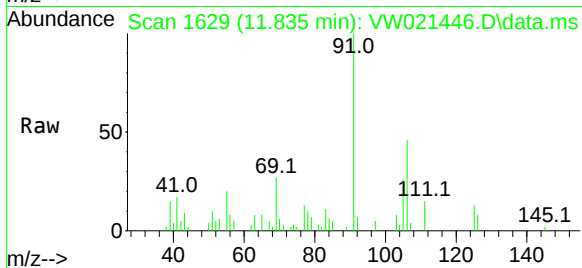
BGL74

Tgt Ion:106 Resp: 2823

Ion Ratio Lower Upper

106 100

91 216.4 149.9 278.3



#60

Isopropylbenzene

Concen: 2.435 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW021446.D

Acq: 18 Dec 2021 01:40

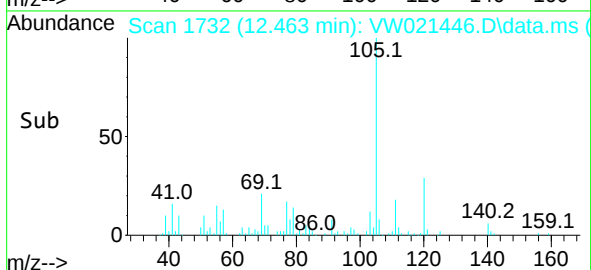
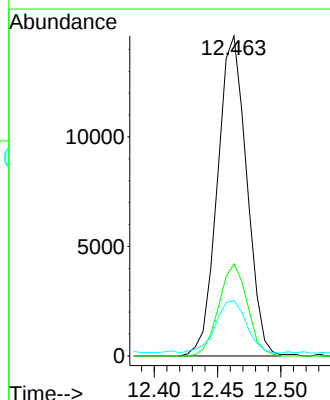
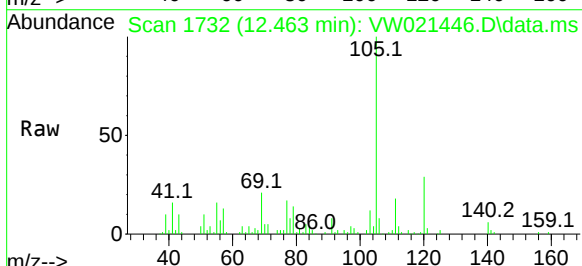
Tgt Ion:105 Resp: 23459

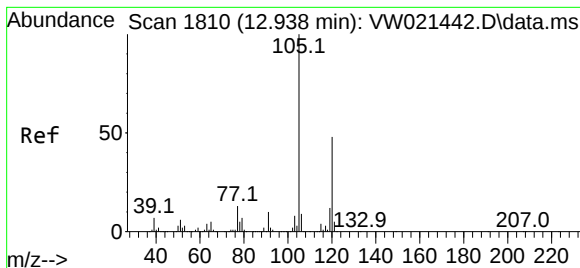
Ion Ratio Lower Upper

105 100

120 28.0 20.1 30.1

77 17.5 13.8 20.8





#62

1,3,5-Trimethylbenzene

Concen: 2.461 ug/L

RT: 12.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021446.D

Acq: 18 Dec 2021 01:40

Instrument :

MSVOA_W

ClientSampleId :

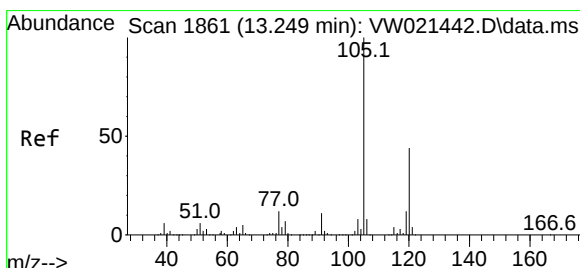
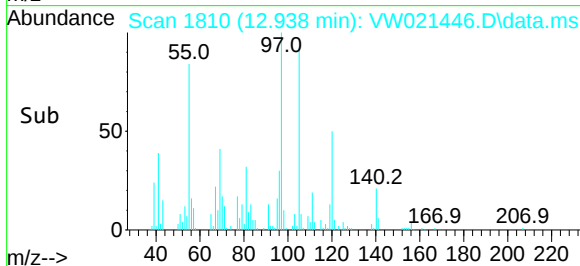
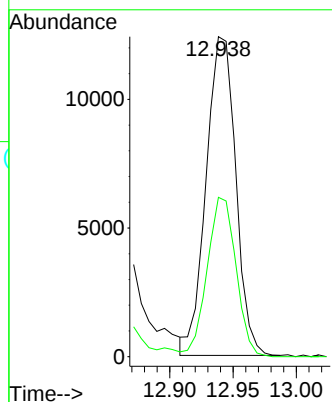
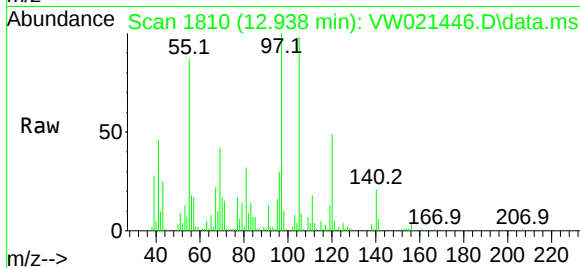
BGL74

Tgt Ion:105 Resp: 20173

Ion Ratio Lower Upper

105 100

120 48.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 8.134 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021446.D

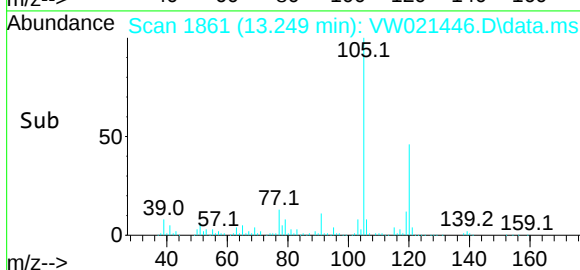
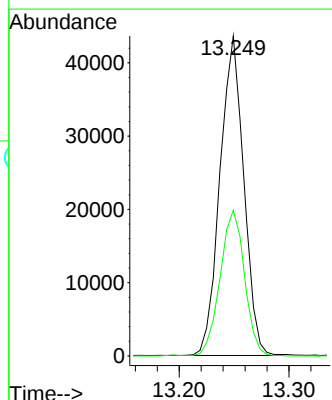
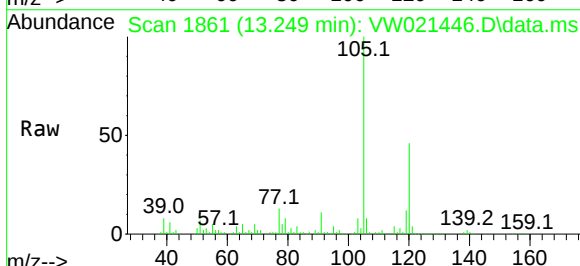
Acq: 18 Dec 2021 01:40

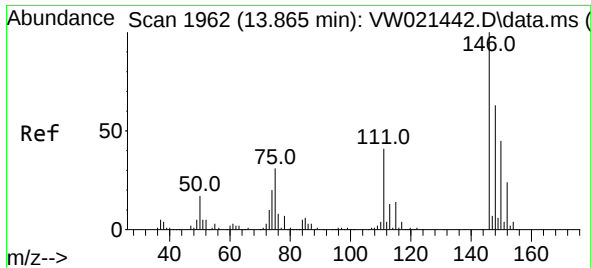
Tgt Ion:105 Resp: 65783

Ion Ratio Lower Upper

105 100

120 46.7 35.0 52.6





#67
 1,2-Dichlorobenzene
 Concen: 0.921 ug/L
 RT: 13.865 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VW021446.D
 Acq: 18 Dec 2021 01:40

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL74

Tgt Ion:146 Resp: 3684
 Ion Ratio Lower Upper
 146 100
 111 111.8 33.1 49.7#
 148 80.3 47.4 71.2#

