

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 :

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)

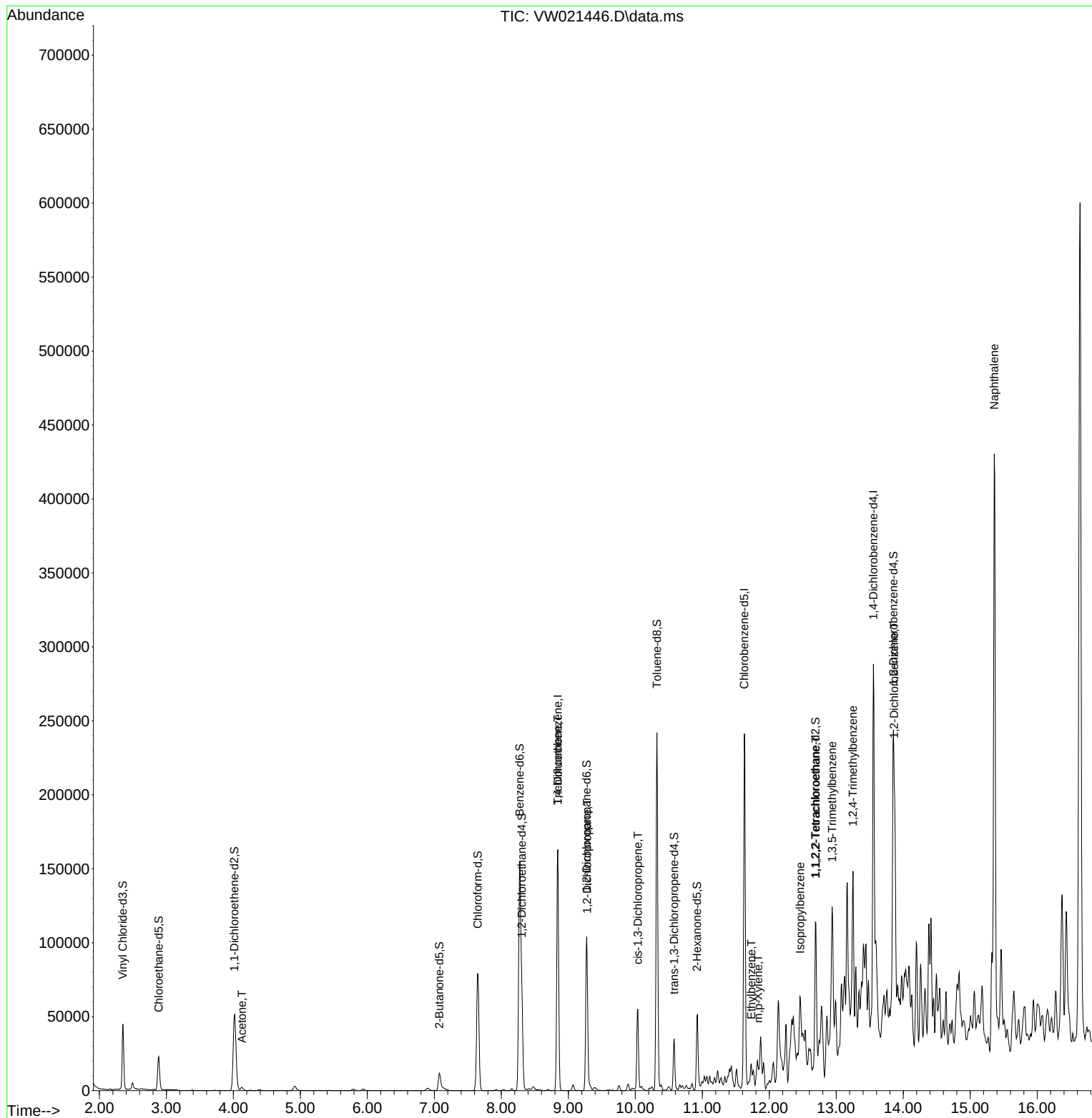
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	137502	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	134849	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70903	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42280	16.883	ug/L	0.00
Spiked Amount	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
34) Trichloroethene	8.842	95	4063	1.970	ug/L #	5
37) 1,2-Dichloropropane	9.281	63	5753	3.511	ug/L #	94
39) cis-1,3-Dichloropropene	10.037	75	1550	0.600	ug/L #	80
52) Ethylbenzene	11.731	91	10902	1.110	ug/L	94
53) m,p-Xylene	11.835	106	2823	0.713	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.695	83	1411	0.918	ug/L #	1
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
71) Naphthalene	15.359	128	352672	79.460	ug/L	99

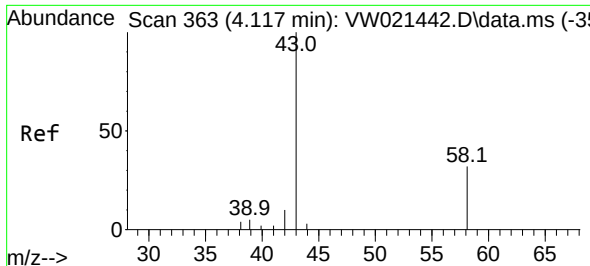
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

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# 3

Delta R.T. 0.012 min

Lab File: VW021446.D

Acq: 18 Dec 2021 01:40

Instrument :

MSVOA_W

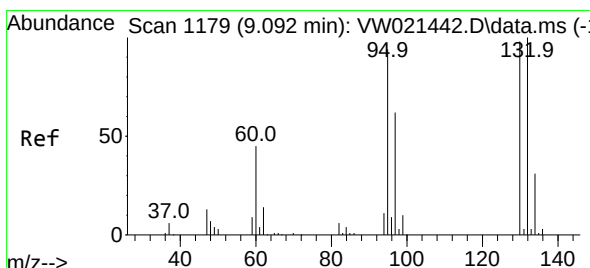
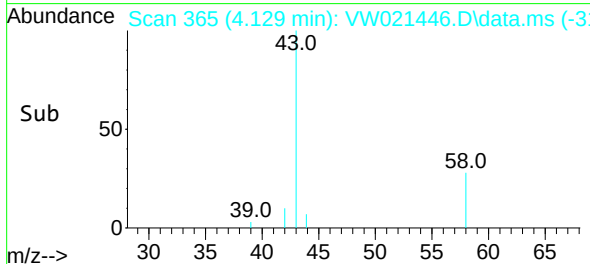
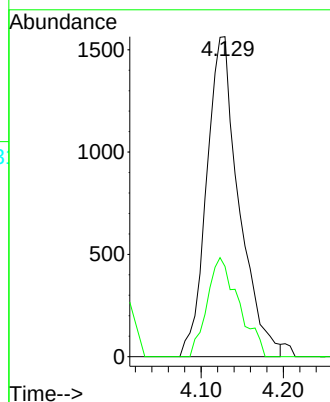
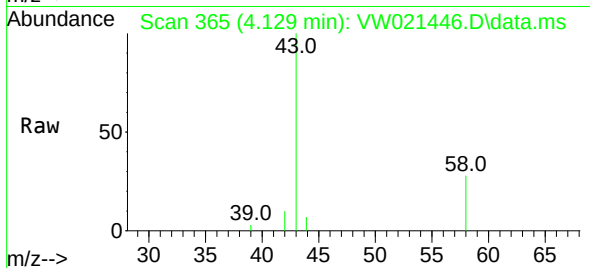
ClientSampleId :

Tgt Ion: 43 Resp: 4277

Ion Ratio Lower Upper

43 100

58 28.3 0.0 52.8



#34

Trichloroethene

Concen: 1.970 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021446.D

Acq: 18 Dec 2021 01:40

Tgt Ion: 95 Resp: 4063

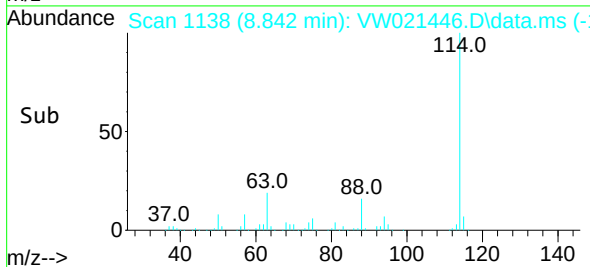
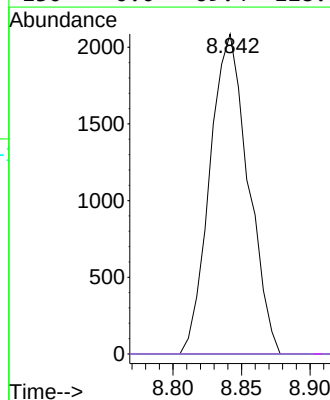
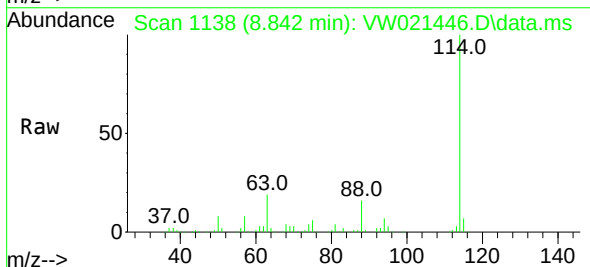
Ion Ratio Lower Upper

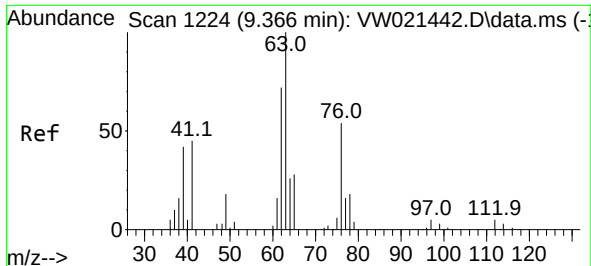
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#37

1,2-Dichloropropane

Concen: 3.511 ug/L

RT: 9.281 min Scan# 11

Delta R.T. -0.085 min

Lab File: VW021446.D

Acq: 18 Dec 2021 01:40

Instrument :

MSVOA_W

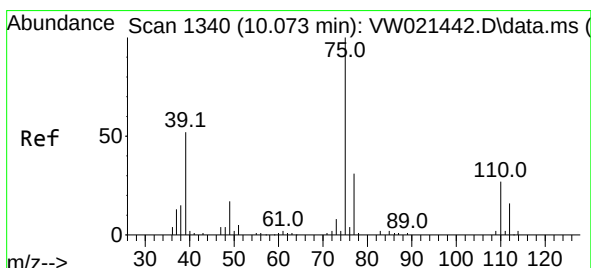
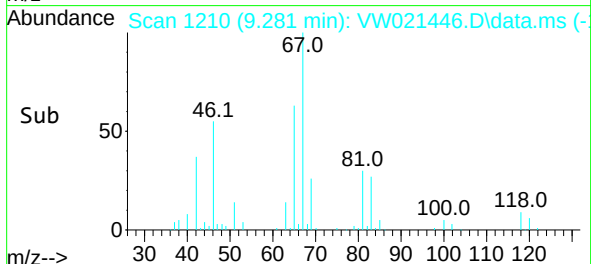
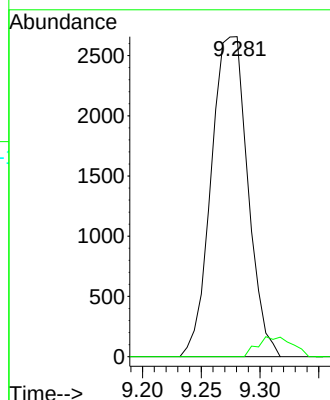
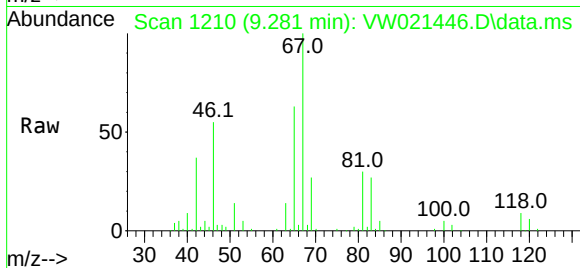
ClientSampleId :

Tgt Ion: 63 Resp: 5753

Ion Ratio Lower Upper

63 100

112 5.9 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021446.D

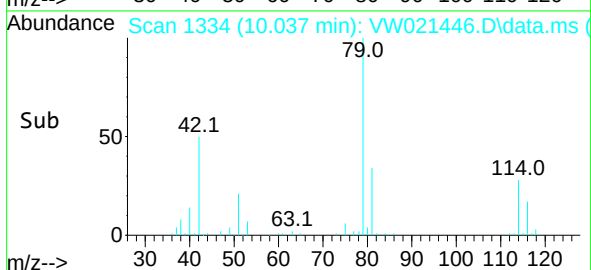
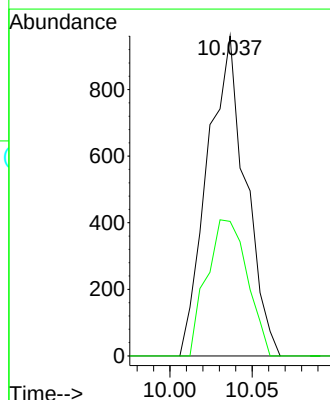
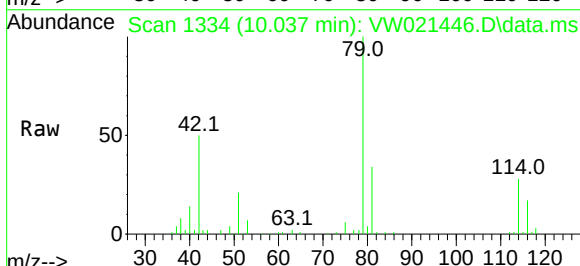
Acq: 18 Dec 2021 01:40

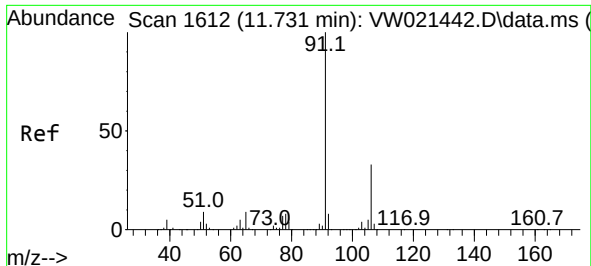
Tgt Ion: 75 Resp: 1550

Ion Ratio Lower Upper

75 100

77 42.0 21.8 40.6#





#52

Ethylbenzene

Concen: 1.110 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021446.D

Acq: 18 Dec 2021 01:40

Instrument :

MSVOA_W

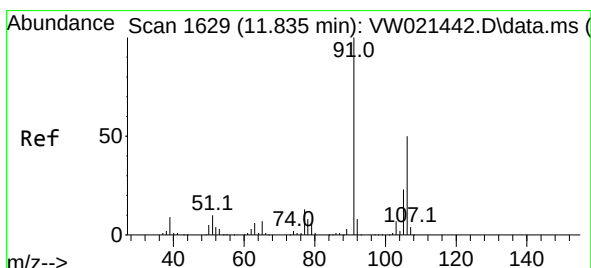
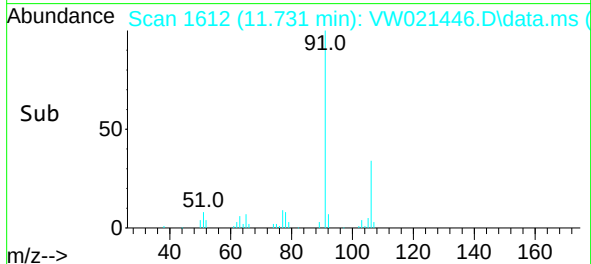
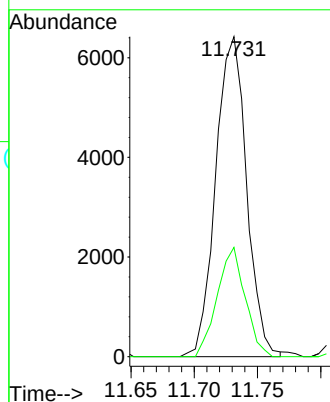
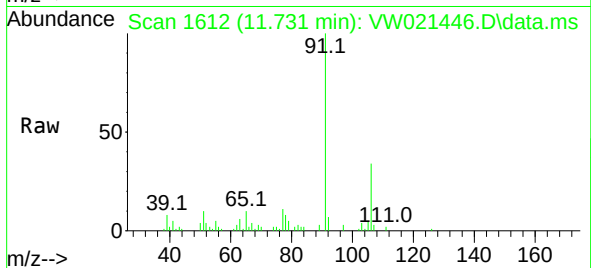
ClientSampleId :

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# 1629

Delta R.T. -0.000 min

Lab File: VW021446.D

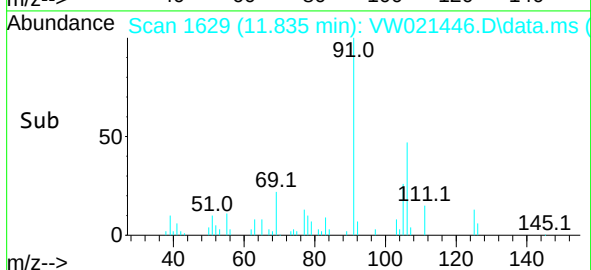
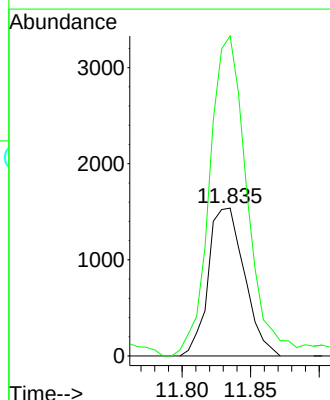
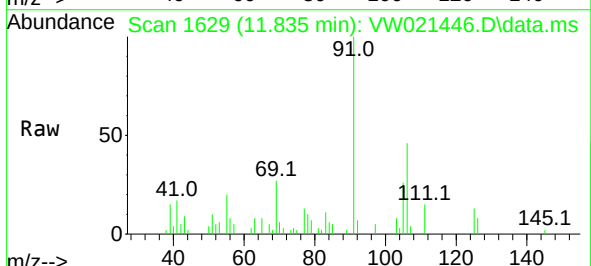
Acq: 18 Dec 2021 01:40

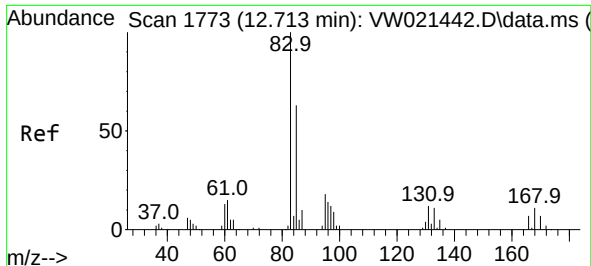
Tgt Ion:106 Resp: 2823

Ion Ratio Lower Upper

106 100

91 216.4 149.9 278.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.918 ug/L

RT: 12.695 min Scan# 1

Delta R.T. -0.018 min

Lab File: VW021446.D

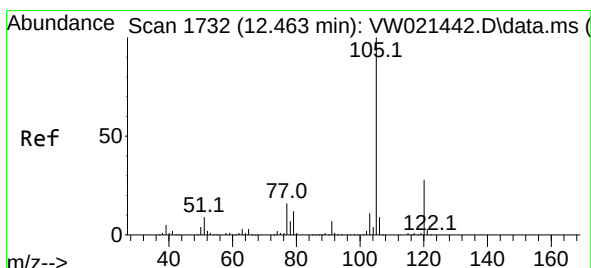
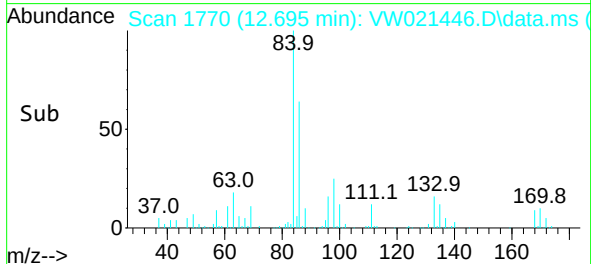
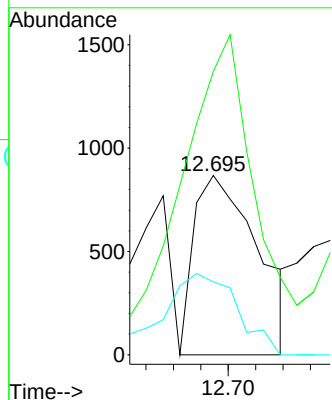
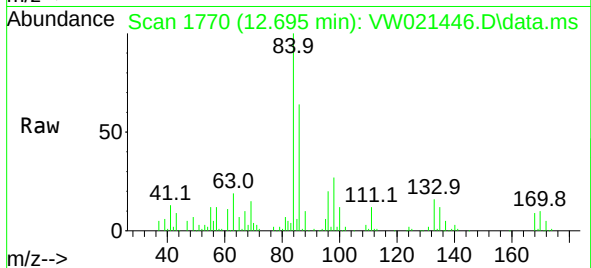
Acq: 18 Dec 2021 01:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp:	1411
Ion Ratio	Lower	Upper
83	100	
85	157.9	44.0 81.6#
131	40.7	6.9 10.3#



#60

Isopropylbenzene

Concen: 2.435 ug/L

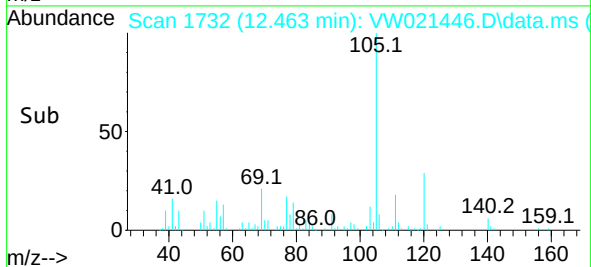
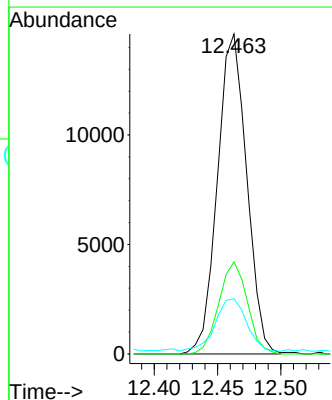
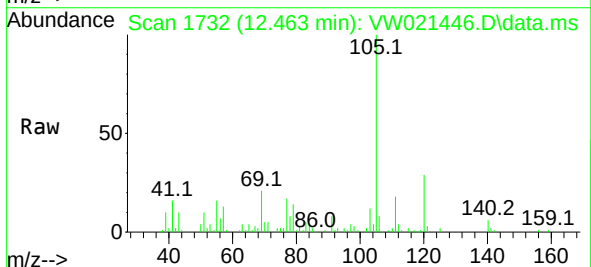
RT: 12.463 min Scan# 1732

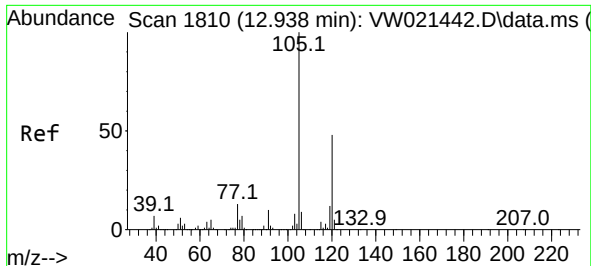
Delta R.T. -0.000 min

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

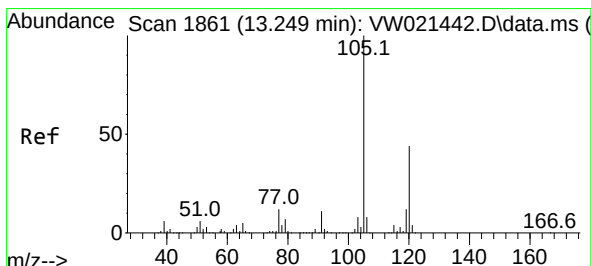
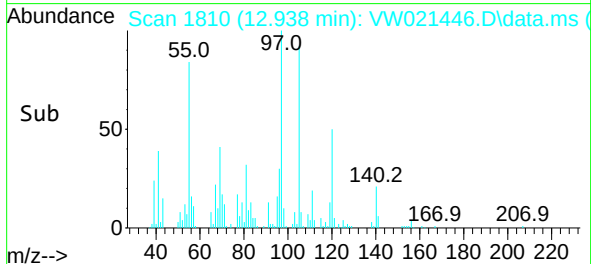
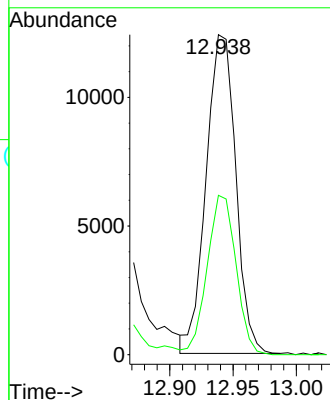
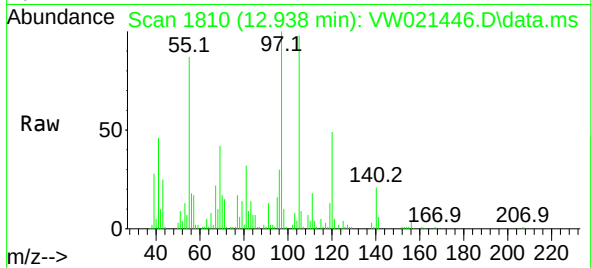




#62
 1,3,5-Trimethylbenzene
 Concen: 2.461 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW021446.D
 Acq: 18 Dec 2021 01:40

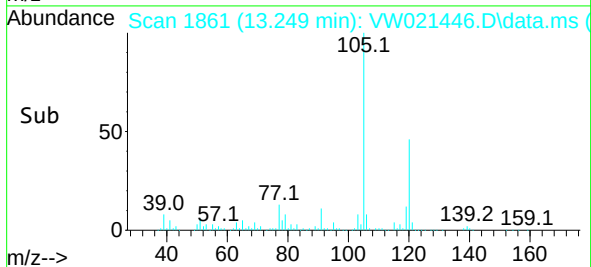
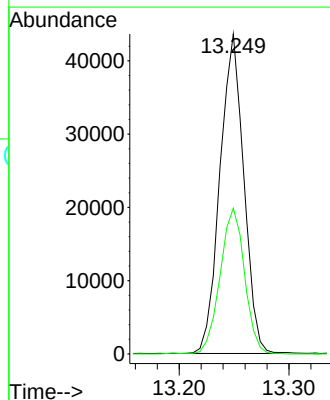
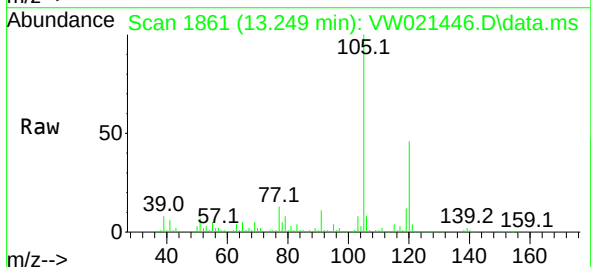
Instrument :
 MSVOA_W
 ClientSampleId :

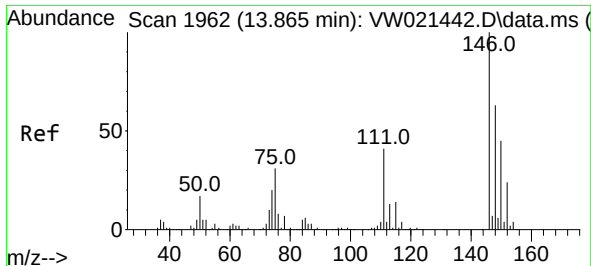
Tgt Ion:105 Resp: 20173
 Ion Ratio Lower Upper
 105 100
 120 48.8 37.4 56.2



#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

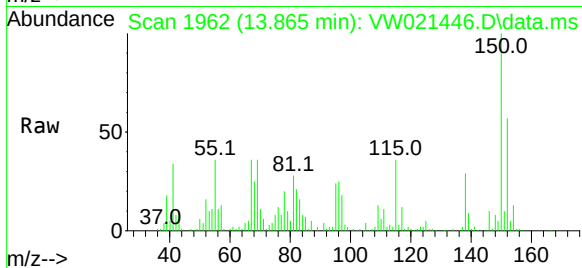
Lab File: VW021446.D

Acq: 18 Dec 2021 01:40

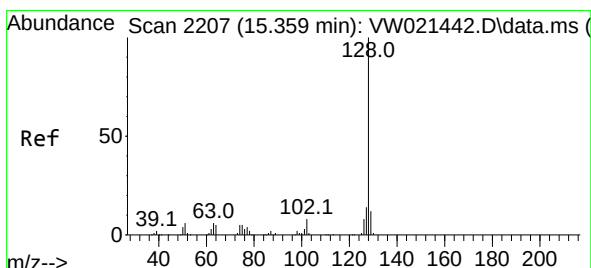
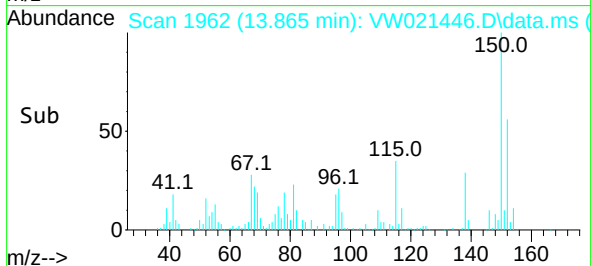
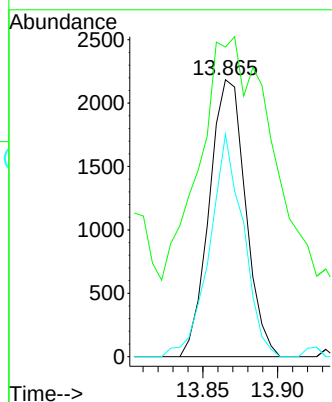
Instrument :

MSVOA_W

ClientSampleId :



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#



#71

Naphthalene

Concen: 79.460 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW021446.D

Acq: 18 Dec 2021 01:40

Tgt Ion:	128	Resp:	352672
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.7	16.1
129	10.9	8.6	12.8

