

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021466.D
 Acq On : 18 Dec 2021 11:05
 Operator : SY/VA
 Sample : M5154-04
 Misc : 6.93g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:10:50 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)

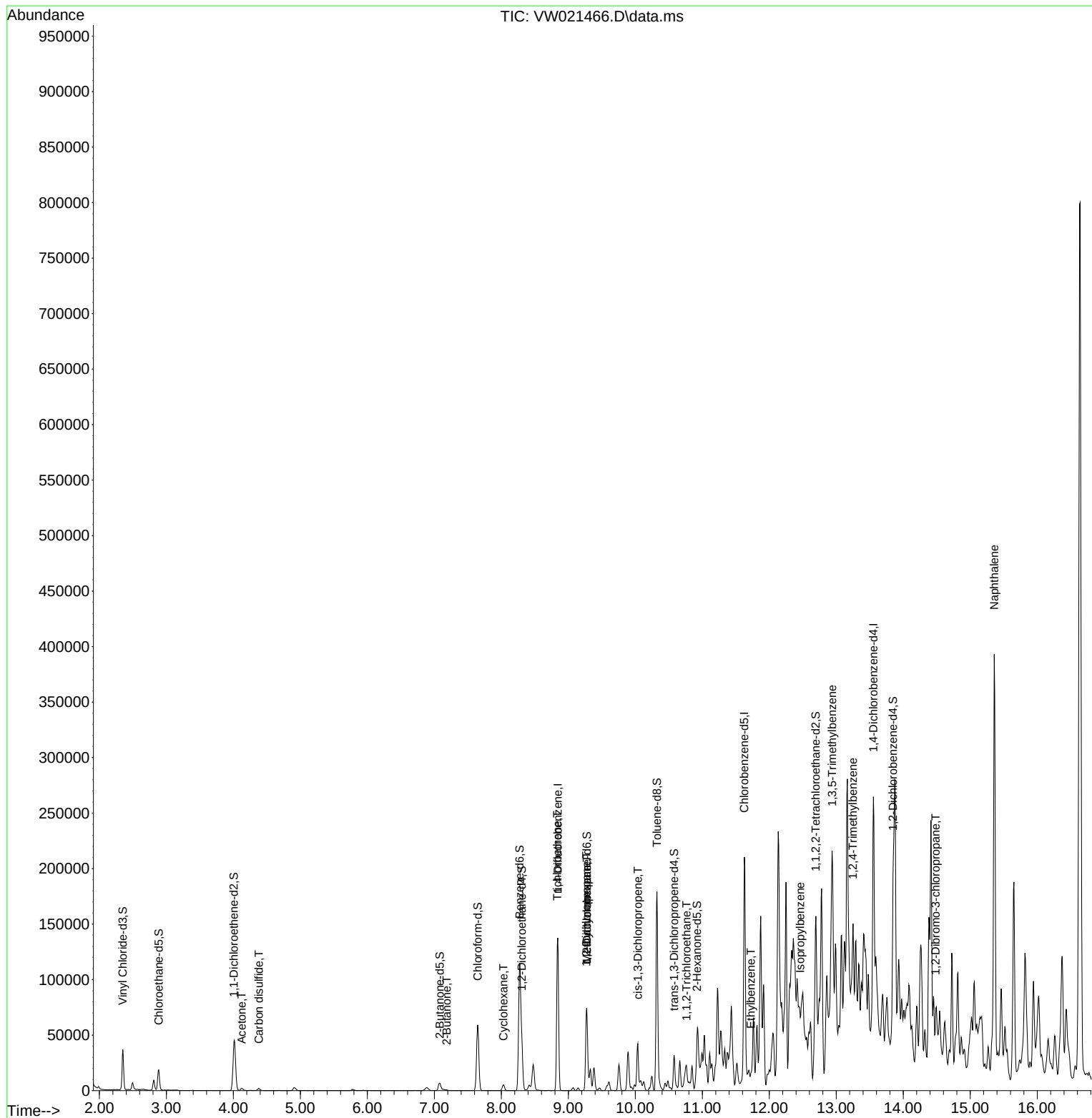
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	121670	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	113947	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63678	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34070	15.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.520%
7) Chloroethane-d5	2.885	69	20939	14.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.160%
11) 1,1-Dichloroethene-d2	4.007	63	42673	14.445	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.760%
21) 2-Butanone-d5	7.080	46	12210	39.090	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.180%
24) Chloroform-d	7.647	84	59328	17.497	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.000%
26) 1,2-Dichloroethane-d4	8.305	65	33139	18.374	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.480%
32) Benzene-d6	8.275	84	118318	18.943	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.760%
36) 1,2-Dichloropropane-d6	9.275	67	32413	19.350	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.400%
41) Toluene-d8	10.323	98	116693	18.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.160%
43) trans-1,3-Dichloroprop...	10.579	79	13661	17.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.840%
47) 2-Hexanone-d5	10.921	63	10391	41.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.900%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	25529	17.729	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	40141	16.265	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	65.080%#
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	3860	13.785	ug/L	95
14) Carbon disulfide	4.379	76	4026	1.034	ug/L	100
22) 2-Butanone	7.183	43	1447	3.957	ug/L	# 61
29) Cyclohexane	8.031	56	2832	1.249	ug/L	# 20
34) Trichloroethene	8.836	95	3721	2.135	ug/L	# 5
35) Methylcyclohexane	9.275	83	9752	3.393	ug/L	# 26
37) 1,2-Dichloropropane	9.268	63	4266	3.081	ug/L	# 52
39) cis-1,3-Dichloropropene	10.037	75	1254	0.575	ug/L	# 62
45) 1,1,2-Trichloroethane	10.762	97	8131	7.175	ug/L	# 22
52) Ethylbenzene	11.725	91	6398	0.771	ug/L	96
60) Isopropylbenzene	12.463	105	4337	0.501	ug/L	# 86
62) 1,3,5-Trimethylbenzene	12.939	105	22206	3.016	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	50148	6.904	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	1261	6.597	ug/L	# 10
71) Naphthalene	15.359	128	322336	80.865	ug/L	99

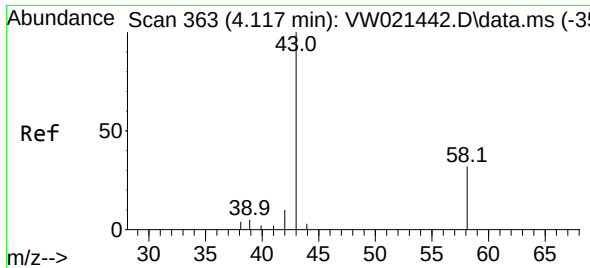
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 13.785 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021466.D

Acq: 18 Dec 2021 11:05

Instrument :

MSVOA_W

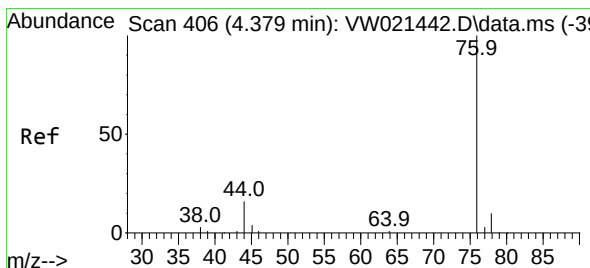
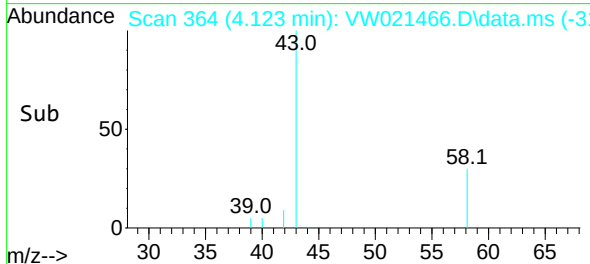
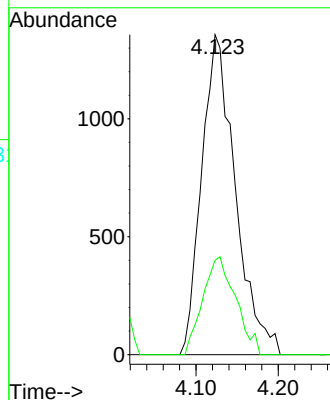
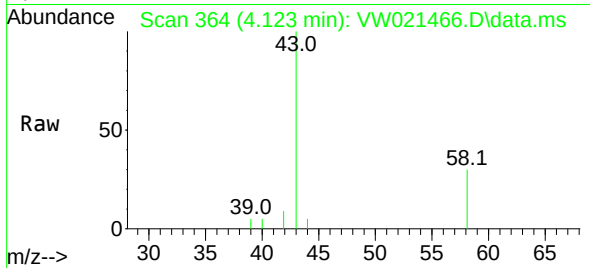
ClientSampleId :

Tgt Ion: 43 Resp: 3860

Ion Ratio Lower Upper

43 100

58 29.1 0.0 52.8



#14

Carbon disulfide

Concen: 1.034 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.000 min

Lab File: VW021466.D

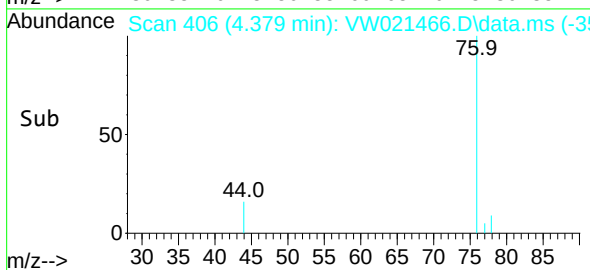
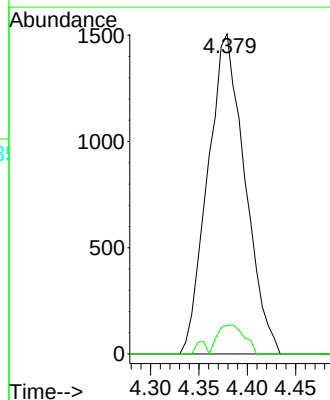
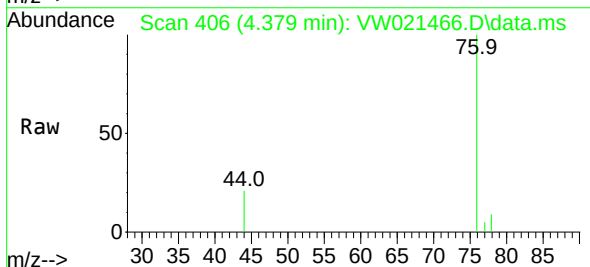
Acq: 18 Dec 2021 11:05

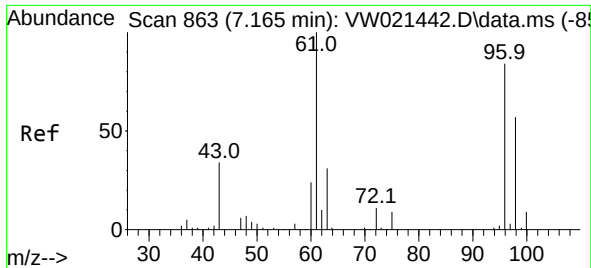
Tgt Ion: 76 Resp: 4026

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

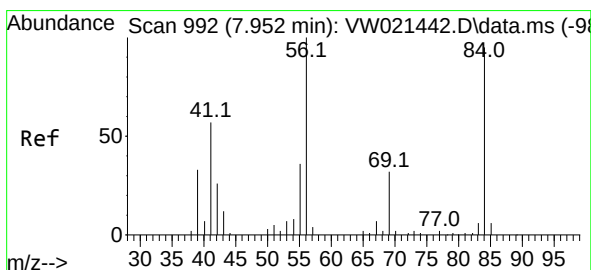
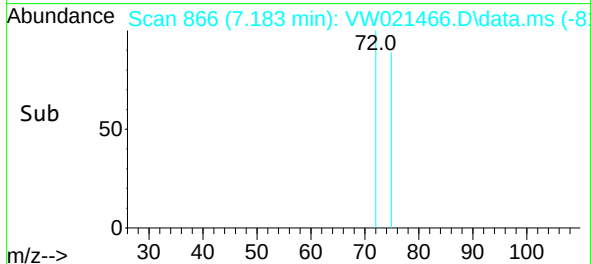
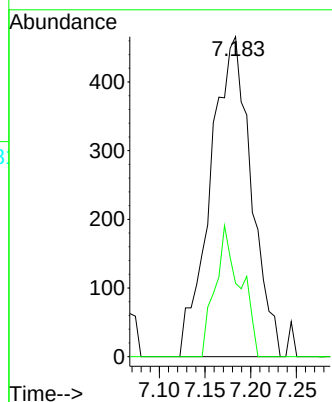
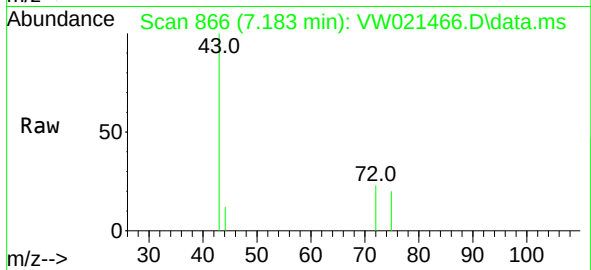




#22
2-Butanone
Concen: 3.957 ug/L
RT: 7.183 min Scan# 80
Delta R.T. 0.018 min
Lab File: VW021466.D
Acq: 18 Dec 2021 11:05

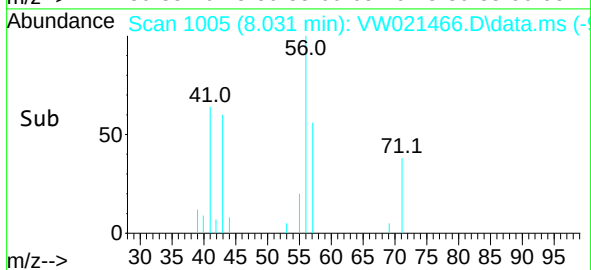
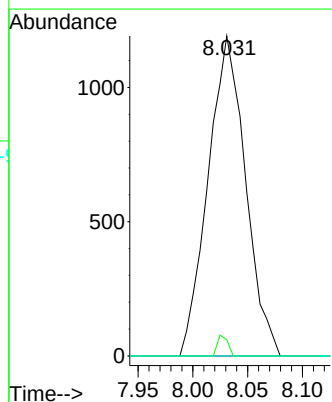
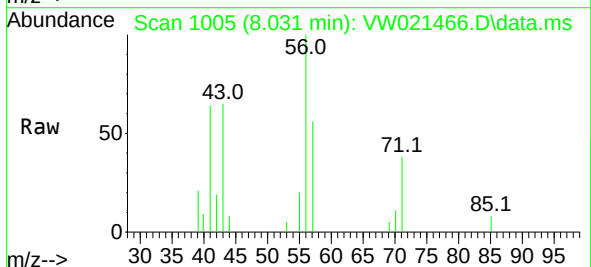
Instrument :
MSVOA_W
ClientSampleId :

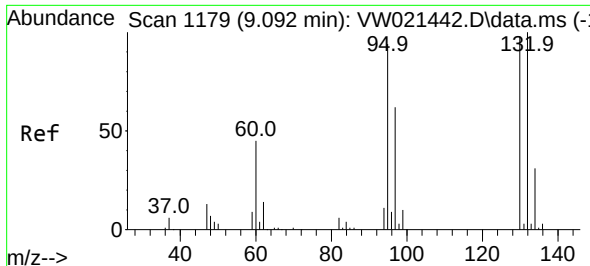
Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
72 4.4 11.8 35.4#



#29
Cyclohexane
Concen: 1.249 ug/L
RT: 8.031 min Scan# 1005
Delta R.T. 0.079 min
Lab File: VW021466.D
Acq: 18 Dec 2021 11:05

Tgt Ion: 56 Resp: 2832
Ion Ratio Lower Upper
56 100
69 1.8 23.5 35.3#
84 0.0 63.4 95.2#





#34

Trichloroethene

Concen: 2.135 ug/L

RT: 8.836 min Scan# 1179

Delta R.T. -0.256 min

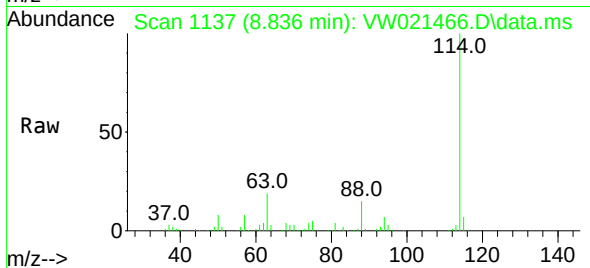
Lab File: VW021466.D

Acq: 18 Dec 2021 11:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 3721

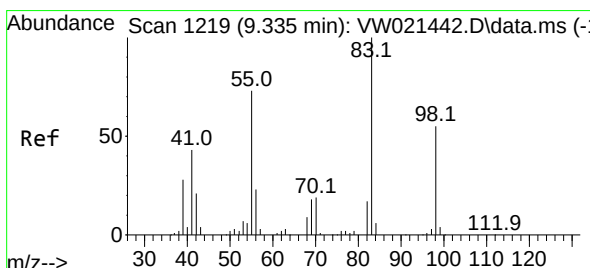
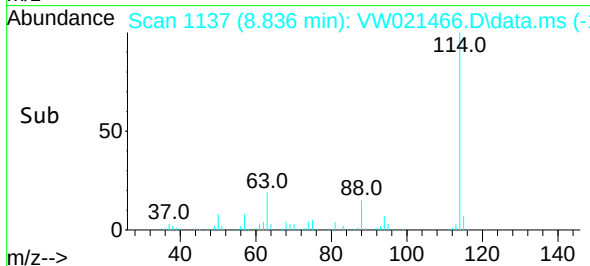
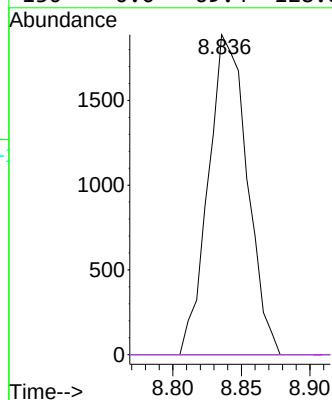
Ion Ratio Lower Upper

95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#



#35

Methylcyclohexane

Concen: 3.393 ug/L

RT: 9.275 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021466.D

Acq: 18 Dec 2021 11:05

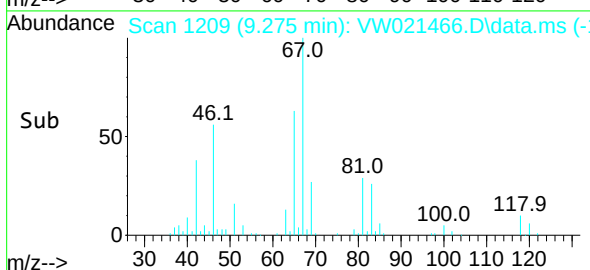
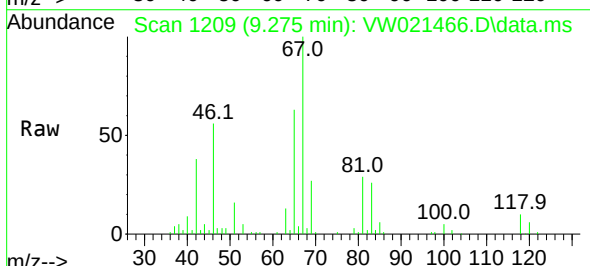
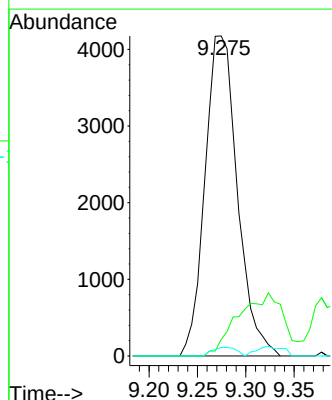
Tgt Ion: 83 Resp: 9752

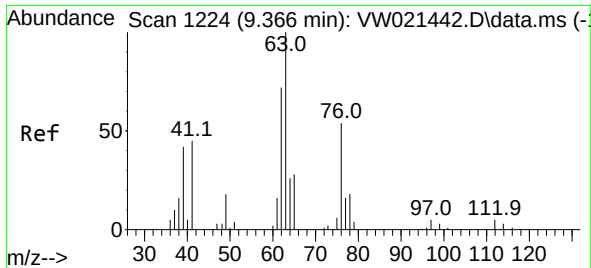
Ion Ratio Lower Upper

83 100

55 16.2 70.8 106.2#

98 2.0 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.081 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021466.D

Acq: 18 Dec 2021 11:05

Instrument :

MSVOA_W

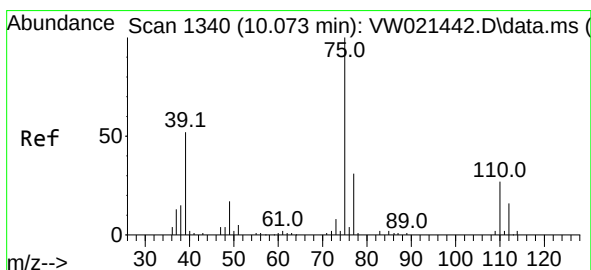
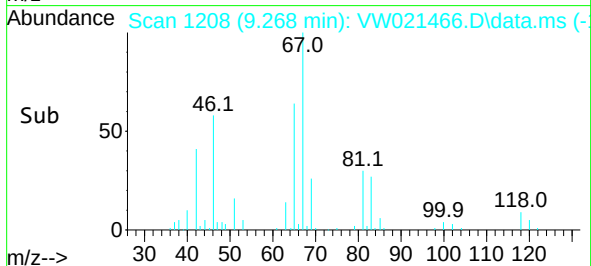
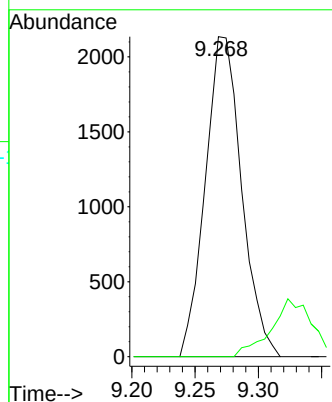
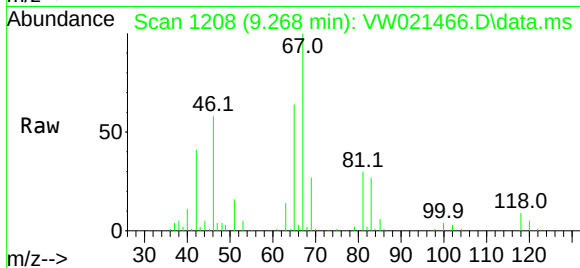
ClientSampleId :

Tgt Ion: 63 Resp: 4266

Ion Ratio Lower Upper

63 100

112 19.9 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021466.D

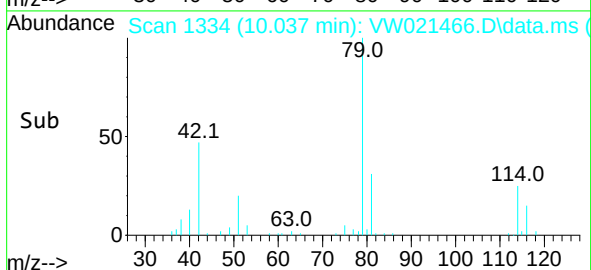
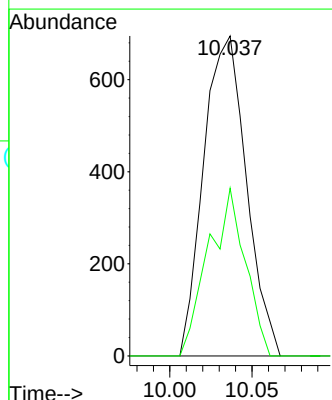
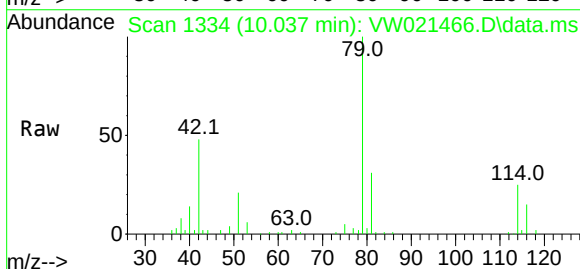
Acq: 18 Dec 2021 11:05

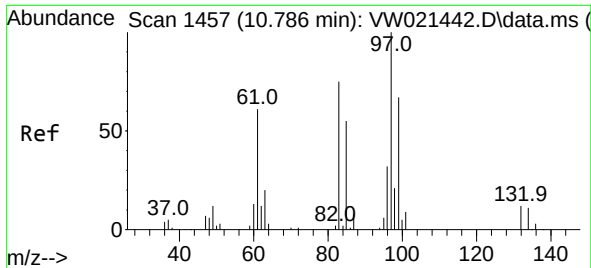
Tgt Ion: 75 Resp: 1254

Ion Ratio Lower Upper

75 100

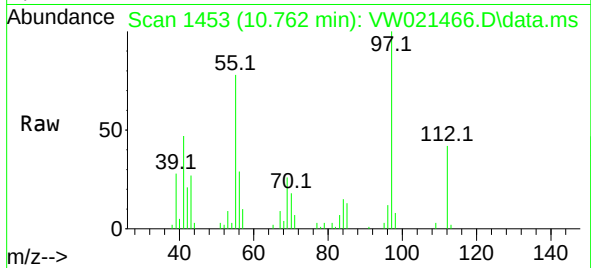
77 52.4 21.8 40.6#



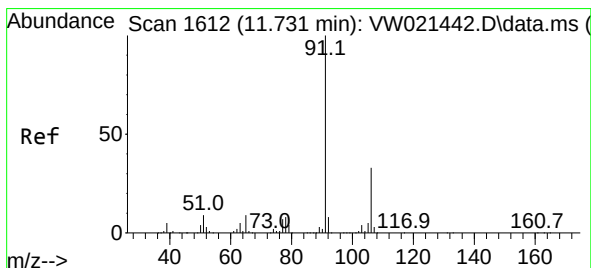
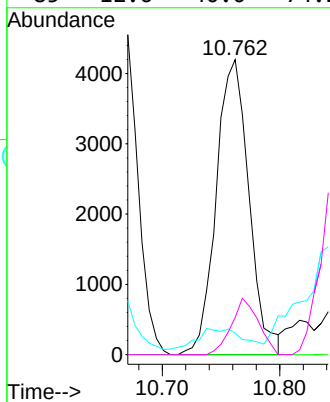
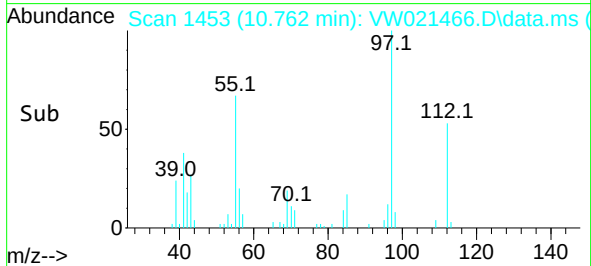


#45
1,1,2-Trichloroethane
Concen: 7.175 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW021466.D
Acq: 18 Dec 2021 11:05

Instrument :
MSVOA_W
ClientSampleId :

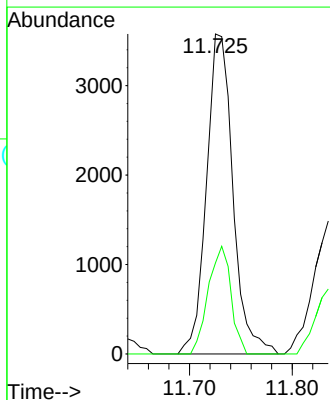
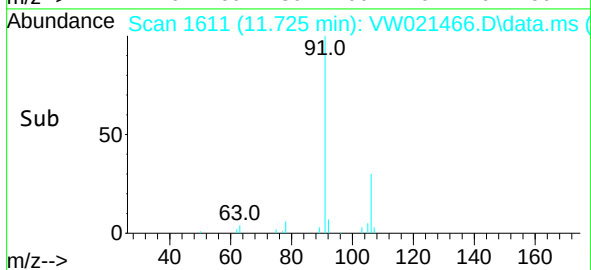
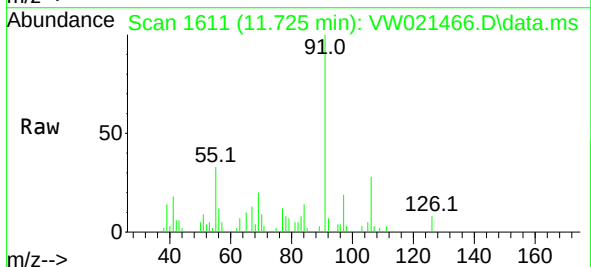


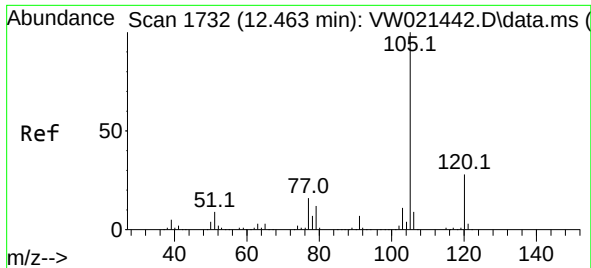
Tgt Ion: 97 Resp: 8131
Ion Ratio Lower Upper
97 100
99 0.0 43.0 79.8#
83 7.3 62.6 116.3#
85 12.6 40.0 74.2#



#52
Ethylbenzene
Concen: 0.771 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW021466.D
Acq: 18 Dec 2021 11:05

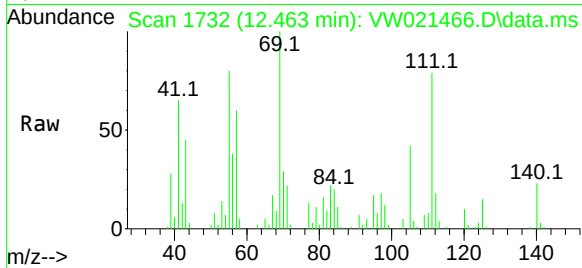
Tgt Ion: 91 Resp: 6398
Ion Ratio Lower Upper
91 100
106 28.5 21.5 39.9



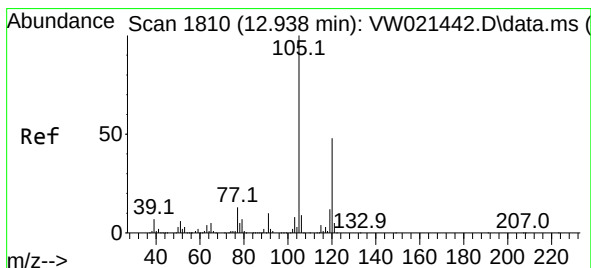
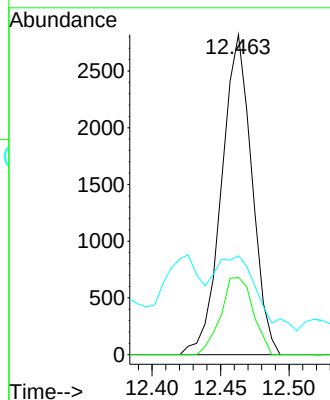
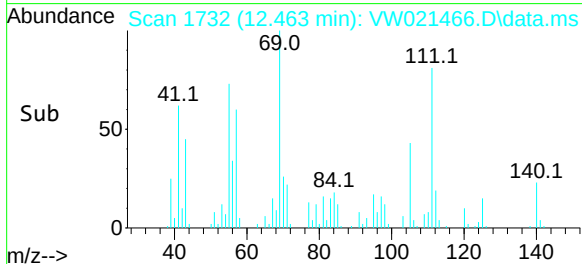


#60
Isopropylbenzene
Concen: 0.501 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021466.D
Acq: 18 Dec 2021 11:05

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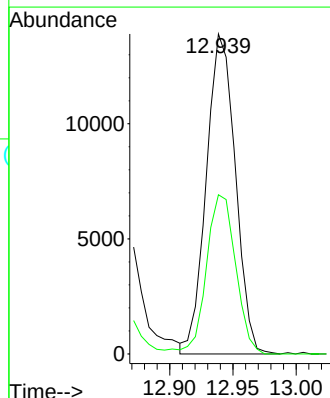
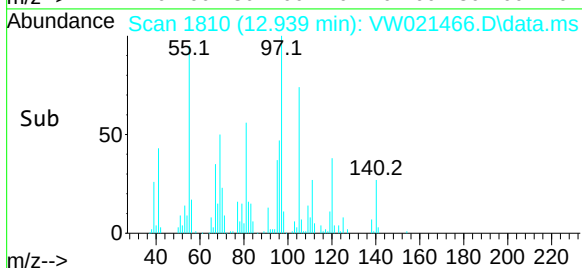
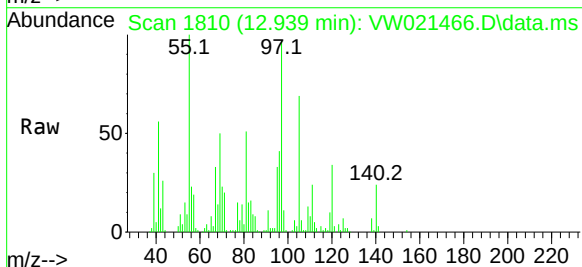


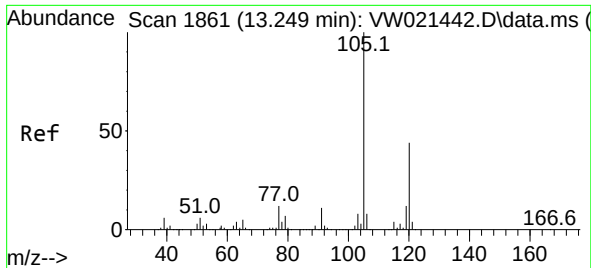
Tgt Ion:105 Resp: 4337
Ion Ratio Lower Upper
105 100
120 25.7 20.1 30.1
77 32.0 13.8 20.8#



#62
1,3,5-Trimethylbenzene
Concen: 3.016 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW021466.D
Acq: 18 Dec 2021 11:05

Tgt Ion:105 Resp: 22206
Ion Ratio Lower Upper
105 100
120 50.3 37.4 56.2

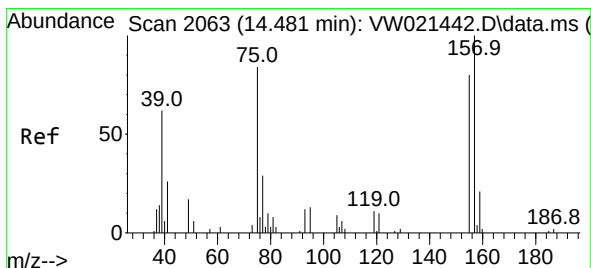
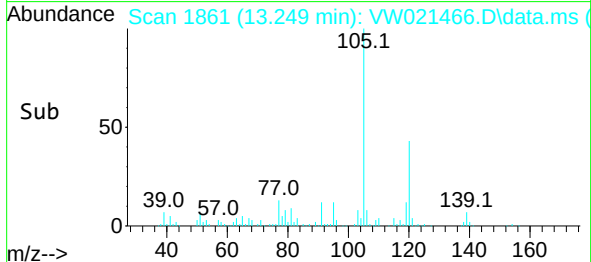
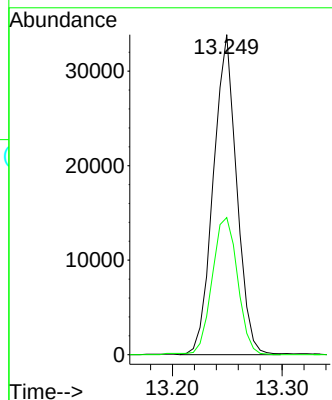
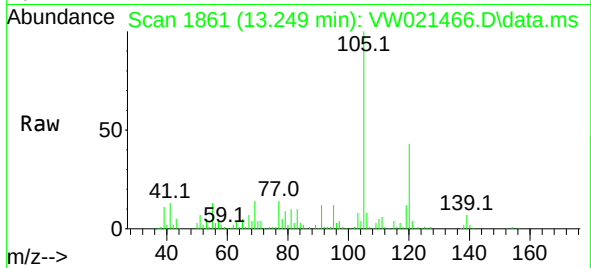




#63
 1,2,4-Trimethylbenzene
 Concen: 6.904 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW021466.D
 Acq: 18 Dec 2021 11:05

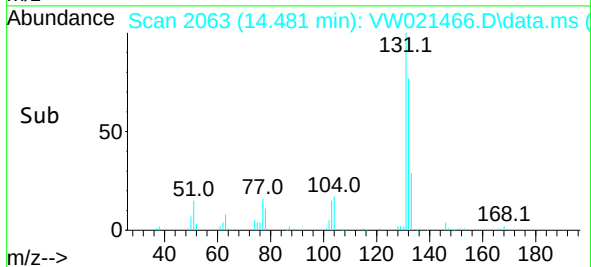
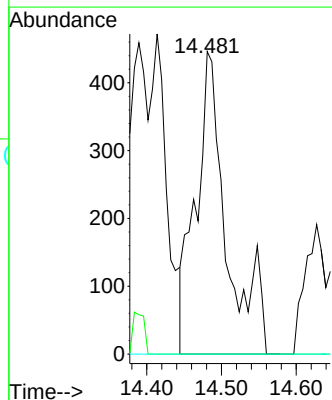
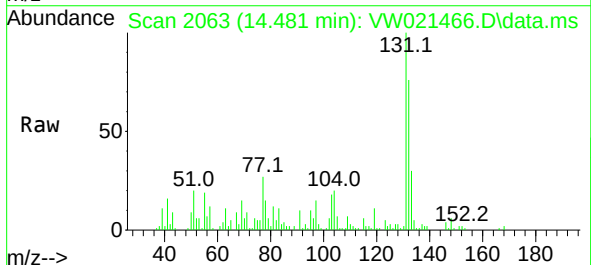
Instrument :
 MSVOA_W
 ClientSampleId :

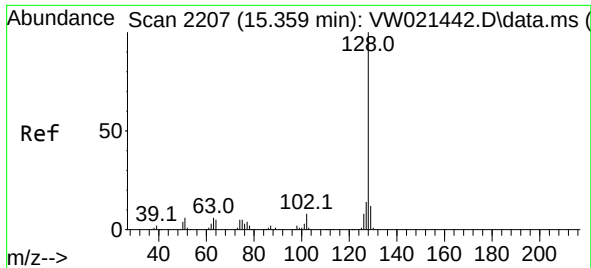
Tgt Ion:105 Resp: 50148
 Ion Ratio Lower Upper
 105 100
 120 46.5 35.0 52.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 6.597 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VW021466.D
 Acq: 18 Dec 2021 11:05

Tgt Ion: 75 Resp: 1261
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.2 81.2#
 157 0.0 69.4 104.2#





#71

Naphthalene

Concen: 80.865 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

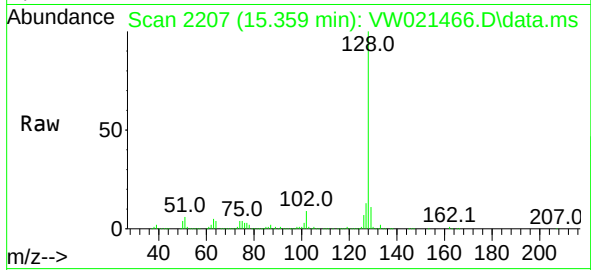
Lab File: VW021466.D

Acq: 18 Dec 2021 11:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 322336

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.4 8.6 12.8

