

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021580.D
 Acq On : 22 Dec 2021 22:54
 Operator : SY/VA
 Sample : M5171-11RE
 Misc : 6.83g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 03:39:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 02:55:43 2021
 Response via : Initial Calibration

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

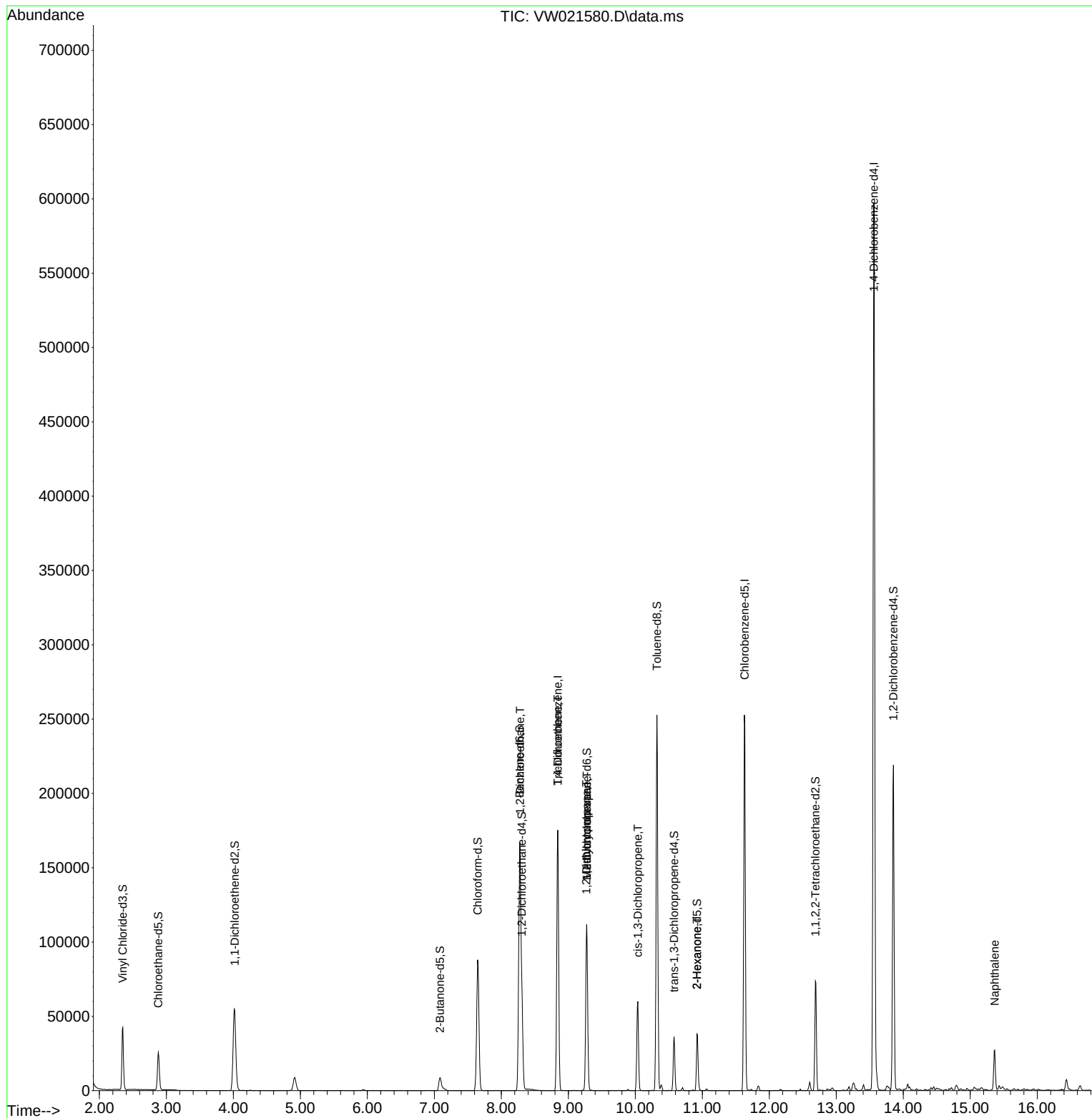
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	151304	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	140707	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	72370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40887	14.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.360%
7) Chloroethane-d5	2.879	69	28158	15.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.840%
11) 1,1-Dichloroethene-d2	4.019	63	52013	14.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.640%
21) 2-Butanone-d5	7.086	46	15423	39.705	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.420%
24) Chloroform-d	7.647	84	86806	20.587	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.360%
26) 1,2-Dichloroethane-d4	8.305	65	47028	20.968	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.880%
32) Benzene-d6	8.275	84	168031	21.786	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.160%
36) 1,2-Dichloropropane-d6	9.275	67	47024	22.734	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.920%
41) Toluene-d8	10.323	98	164747	20.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.640%
43) trans-1,3-Dichloroprop...	10.579	79	19223	20.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.720%
47) 2-Hexanone-d5	10.921	63	13232	43.261	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.520%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	34415	19.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	56424	20.117	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.480%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.281	62	1225	0.523	ug/L	# 77
34) Trichloroethene	8.842	95	4431	2.059	ug/L	# 5
35) Methylcyclohexane	9.275	83	12796	3.605	ug/L	# 14
37) 1,2-Dichloropropane	9.268	63	6080	3.556	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1742	0.646	ug/L	# 83
48) 2-Hexanone	10.921	43	1737	2.571	ug/L	# 71
71) Naphthalene	15.365	128	23251	5.132	ug/L	# 99

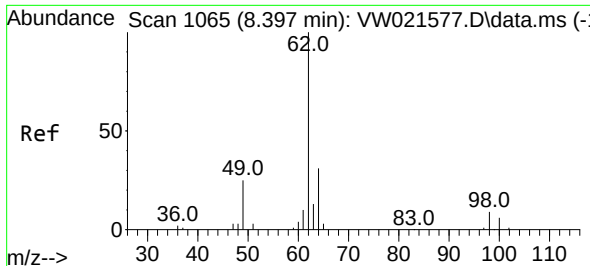
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021580.D
Acq On : 22 Dec 2021 22:54
Operator : SY/VA
Sample : M5171-11RE
Misc : 6.83g/10.0mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 23 03:39:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 23 02:55:43 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.523 ug/L

RT: 8.281 min Scan# 1138

Delta R.T. -0.116 min

Lab File: VW021580.D

Acq: 22 Dec 2021 22:54

Instrument :

MSVOA_W

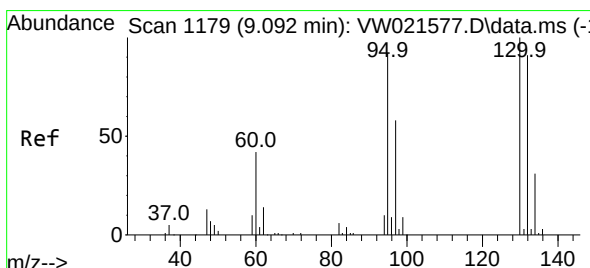
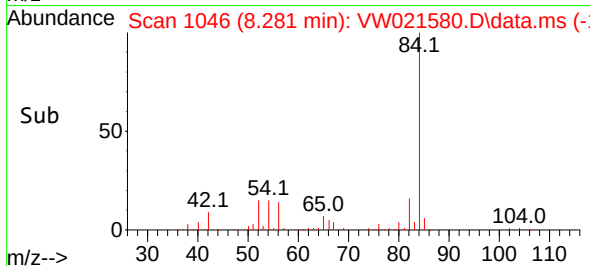
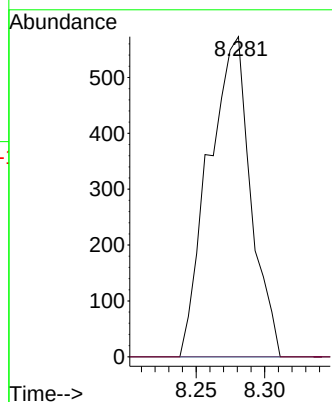
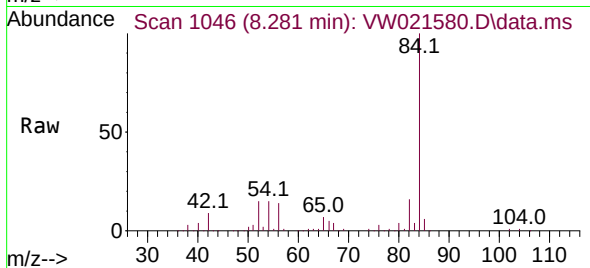
ClientSampleId :

Tgt Ion: 62 Resp: 1225

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 2.059 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021580.D

Acq: 22 Dec 2021 22:54

Tgt Ion: 95 Resp: 4431

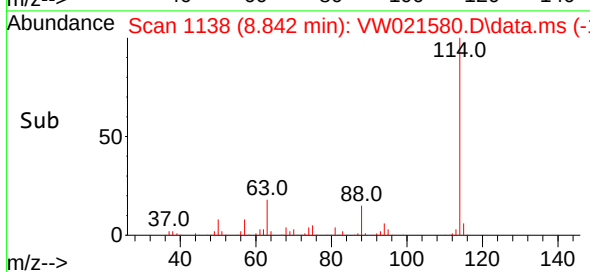
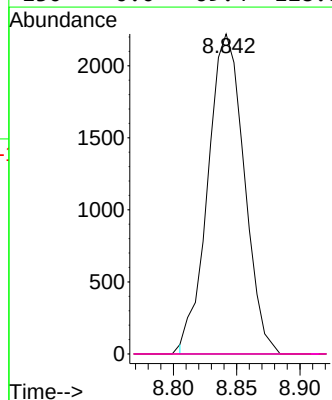
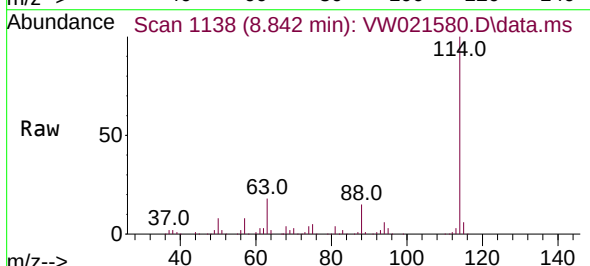
Ion Ratio Lower Upper

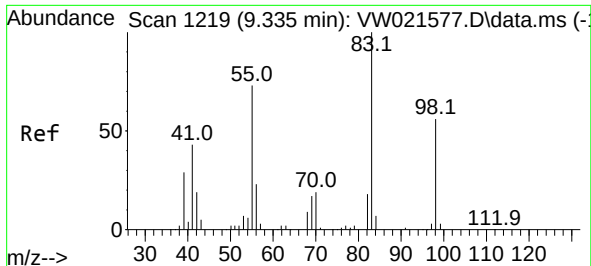
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#

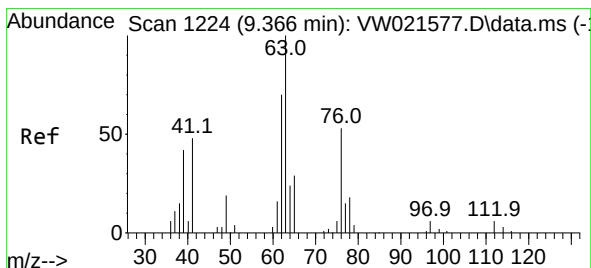
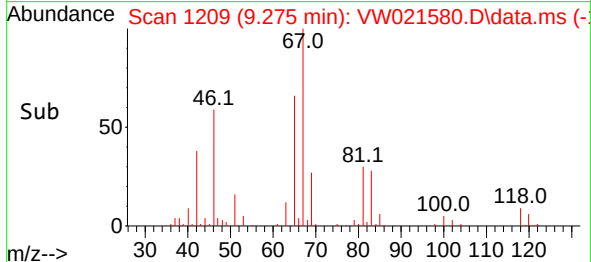
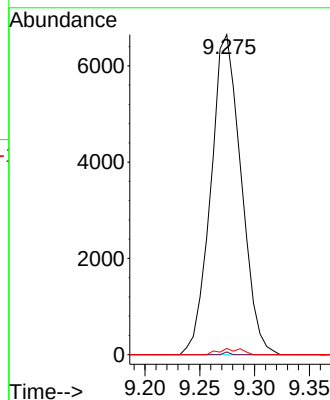
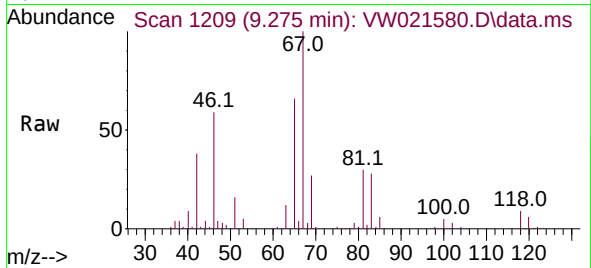




#35
Methylcyclohexane
Concen: 3.605 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021580.D
Acq: 22 Dec 2021 22:54

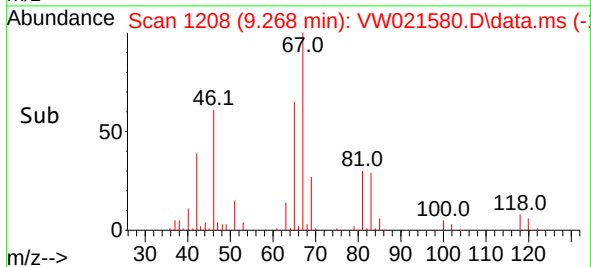
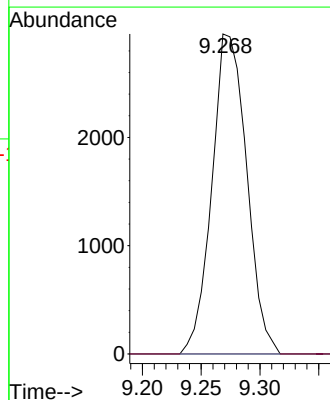
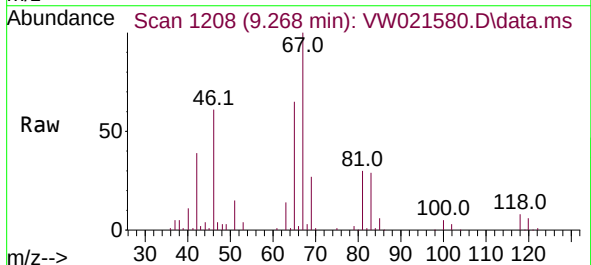
Instrument :
MSVOA_W
ClientSampleId :

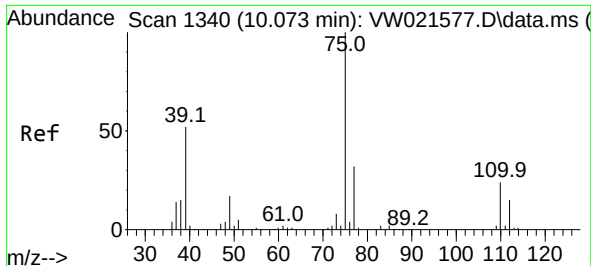
Tgt Ion: 83 Resp: 12796
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.5 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.556 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.097 min
Lab File: VW021580.D
Acq: 22 Dec 2021 22:54

Tgt Ion: 63 Resp: 6080
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.646 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021580.D

Acq: 22 Dec 2021 22:54

Instrument :

MSVOA_W

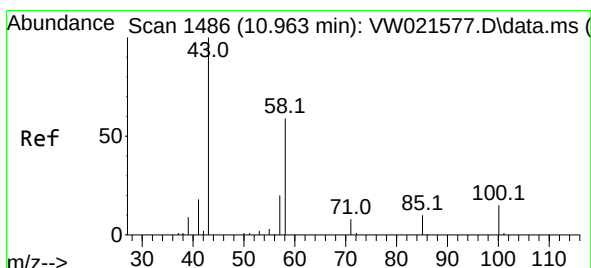
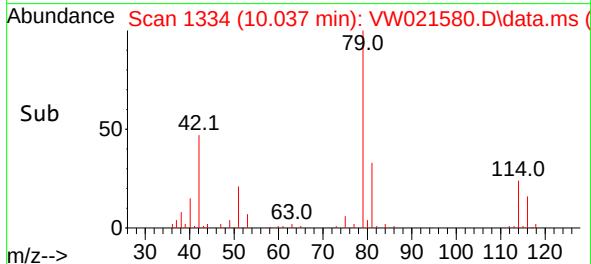
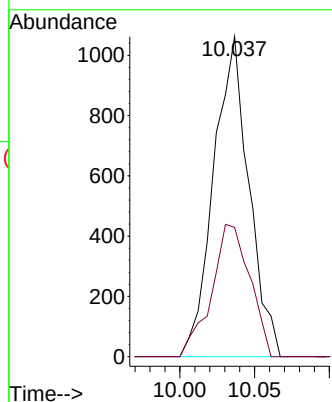
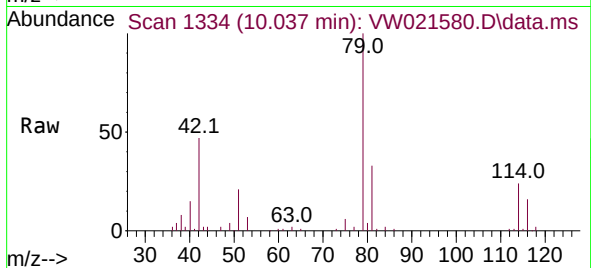
ClientSampleId :

Tgt Ion: 75 Resp: 1742

Ion Ratio Lower Upper

75 100

77 40.4 21.8 40.6



#48

2-Hexanone

Concen: 2.571 ug/L

RT: 10.921 min Scan# 1479

Delta R.T. -0.043 min

Lab File: VW021580.D

Acq: 22 Dec 2021 22:54

Tgt Ion: 43 Resp: 1737

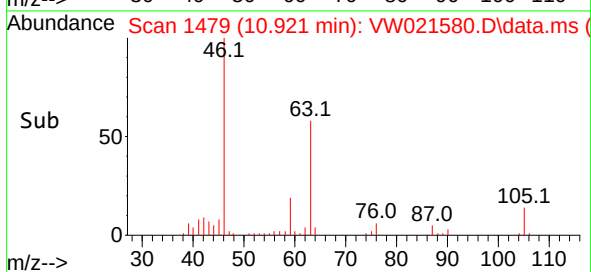
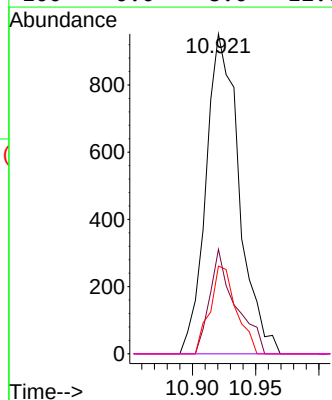
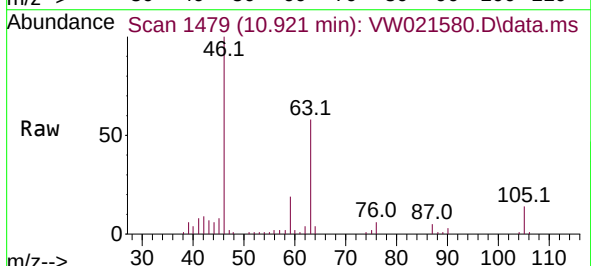
Ion Ratio Lower Upper

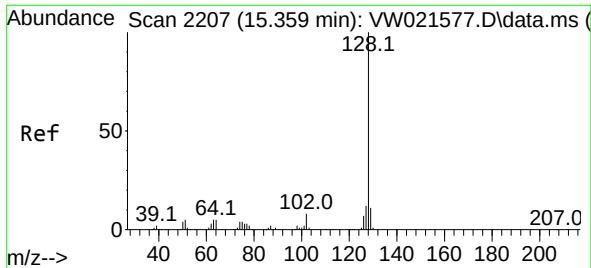
43 100

58 25.4 40.2 60.2#

57 21.6 14.3 21.5#

100 0.0 8.0 12.0#





#71

Naphthalene

Concen: 5.132 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

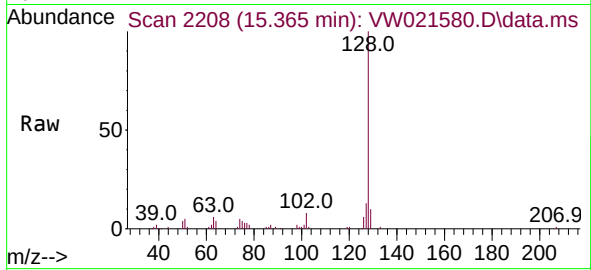
Lab File: VW021580.D

Acq: 22 Dec 2021 22:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 23251

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.4 8.6 12.8

