

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021429.D
 Acq On : 17 Dec 2021 14:29
 Operator : SY/VA
 Sample : M5121-03
 Misc : 6.73g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 21:16:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

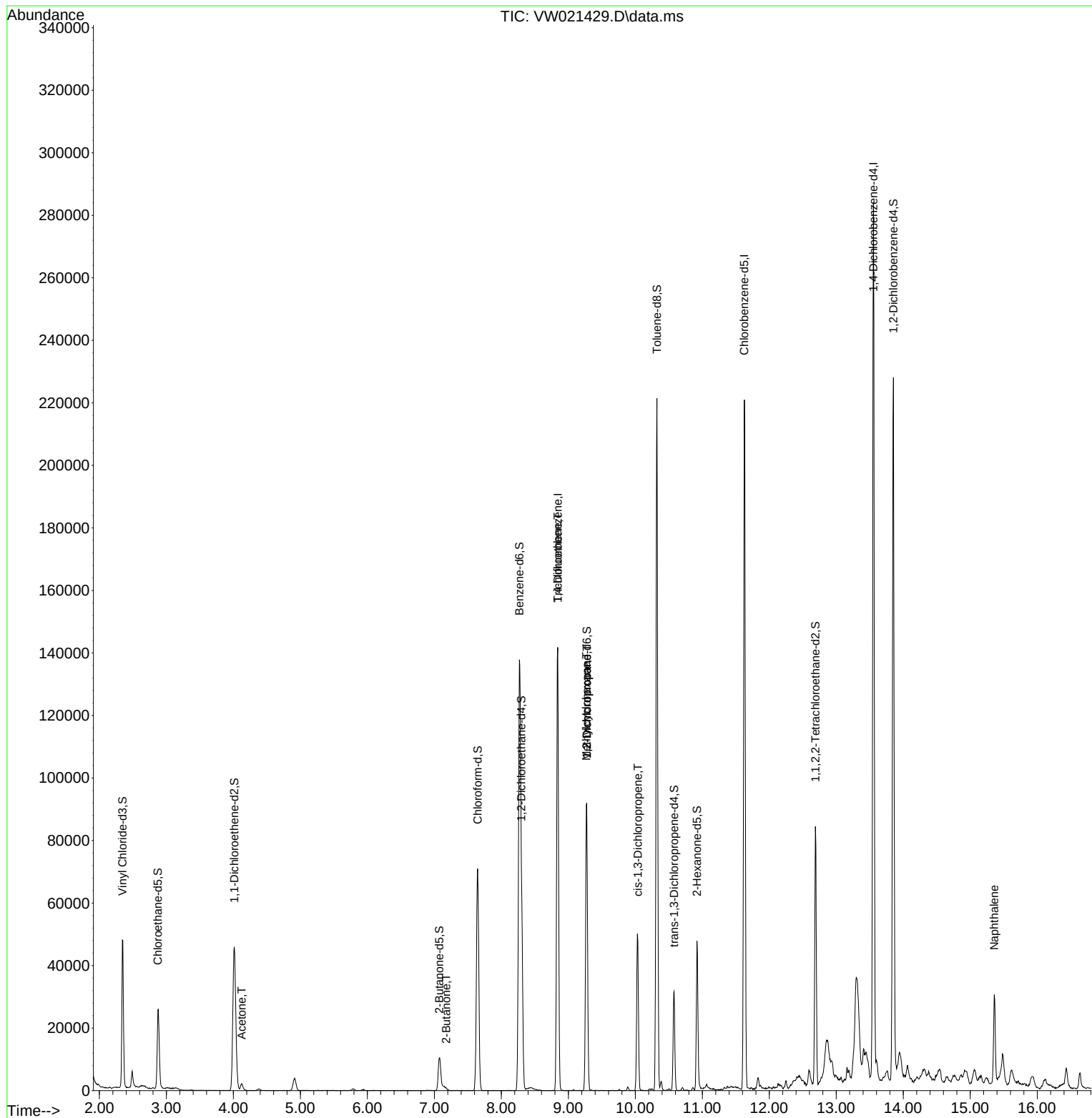
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	121881	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	125999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	74152	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	47558	21.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
7) Chloroethane-d5	2.873	69	30715	20.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.720%
11) 1,1-Dichloroethene-d2	4.013	63	44691	15.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.400%
21) 2-Butanone-d5	7.074	46	18125	57.926	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.860%
24) Chloroform-d	7.647	84	71772	21.131	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.520%
26) 1,2-Dichloroethane-d4	8.299	65	42687	23.627	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.520%
32) Benzene-d6	8.269	84	141117	20.433	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.720%
36) 1,2-Dichloropropane-d6	9.274	67	39773	21.473	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.880%
41) Toluene-d8	10.323	98	142913	20.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	10.579	79	17139	20.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.400%
47) 2-Hexanone-d5	10.920	63	15555	56.792	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.580%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37446	23.518	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	58877	20.487	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.960%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	3945	14.064	ug/L	94
22) 2-Butanone	7.177	43	1147	3.131	ug/L	93
34) Trichloroethene	8.842	95	3623	1.880	ug/L	# 5
35) Methylcyclohexane	9.268	83	10907	3.432	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	5115	3.341	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1475	0.611	ug/L	# 73
71) Naphthalene	15.359	128	24927	5.370	ug/L	99

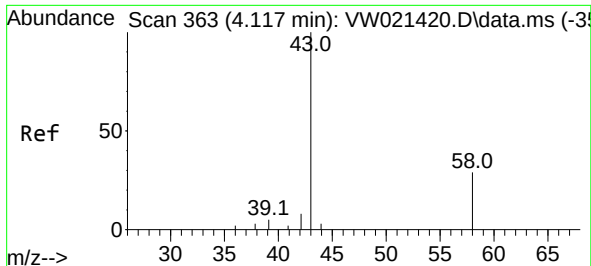
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 17 21:16:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration





#13

Acetone

Concen: 14.064 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021429.D

Acq: 17 Dec 2021 14:29

Instrument :

MSVOA_W

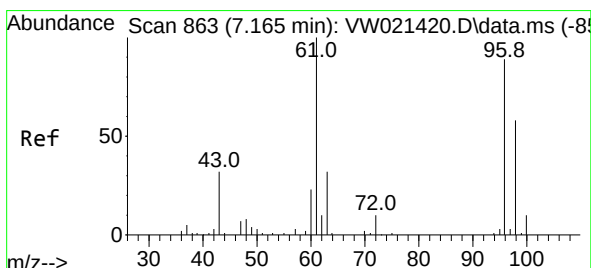
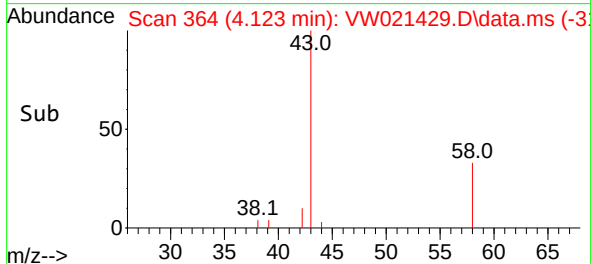
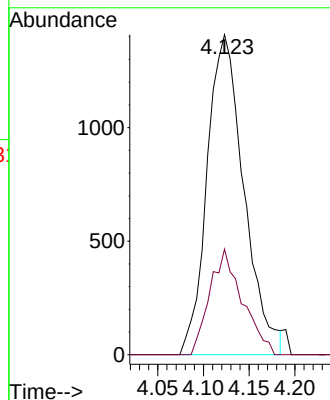
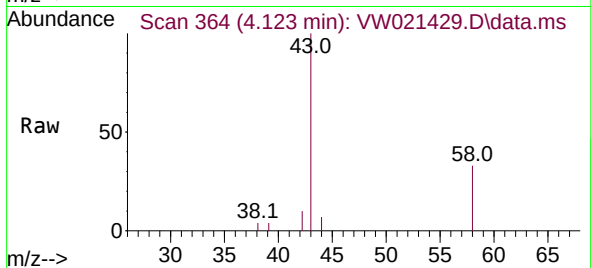
ClientSampleId :

Tgt Ion: 43 Resp: 3945

Ion Ratio Lower Upper

43 100

58 29.3 0.0 52.8



#22

2-Butanone

Concen: 3.131 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.012 min

Lab File: VW021429.D

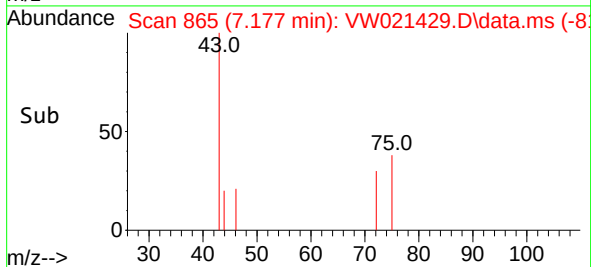
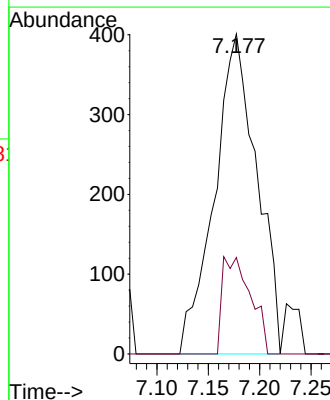
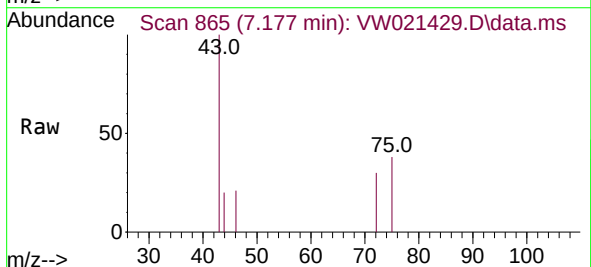
Acq: 17 Dec 2021 14:29

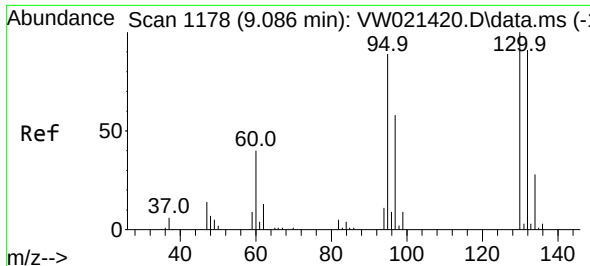
Tgt Ion: 43 Resp: 1147

Ion Ratio Lower Upper

43 100

72 20.3 11.8 35.4





#34

Trichloroethene

Concen: 1.880 ug/L

RT: 8.842 min Scan# 1178

Delta R.T. -0.250 min

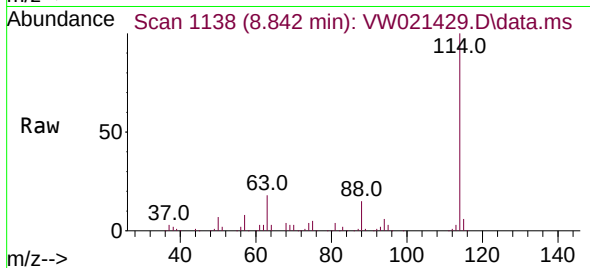
Lab File: VW021429.D

Acq: 17 Dec 2021 14:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 3623

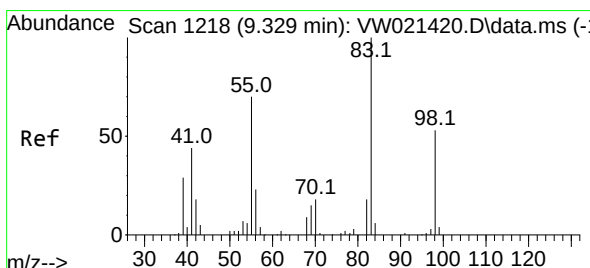
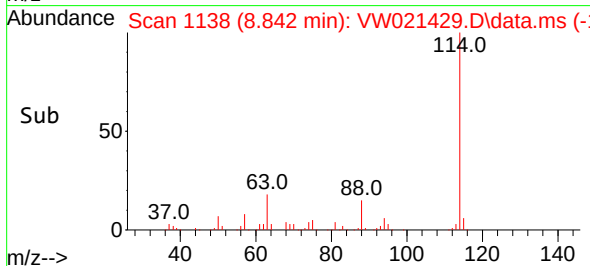
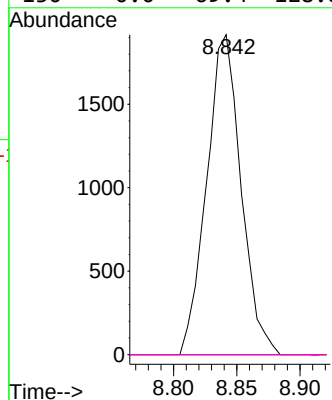
Ion Ratio Lower Upper

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: 3.432 ug/L

RT: 9.268 min Scan# 1208

Delta R.T. -0.067 min

Lab File: VW021429.D

Acq: 17 Dec 2021 14:29

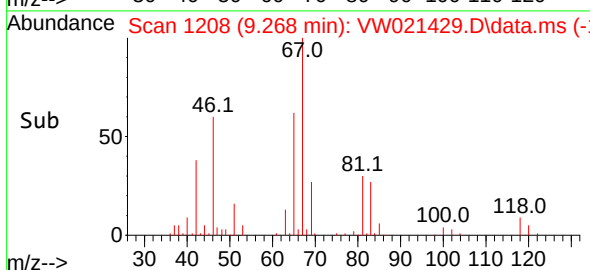
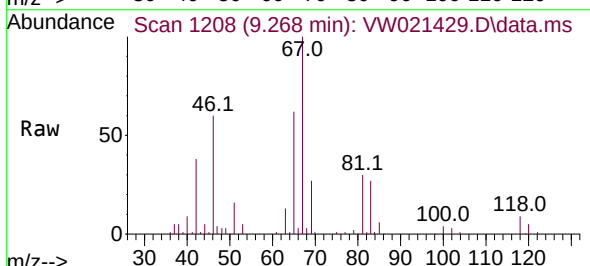
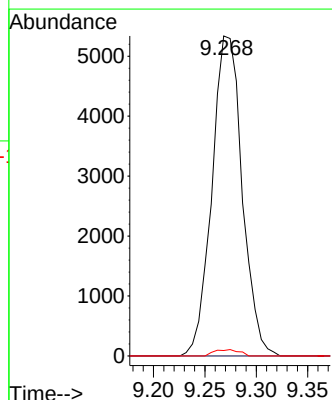
Tgt Ion: 83 Resp: 10907

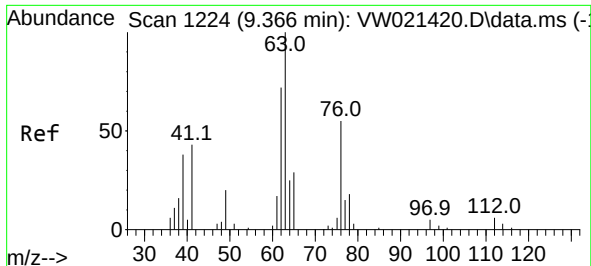
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.7 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.341 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021429.D

Acq: 17 Dec 2021 14:29

Instrument :

MSVOA_W

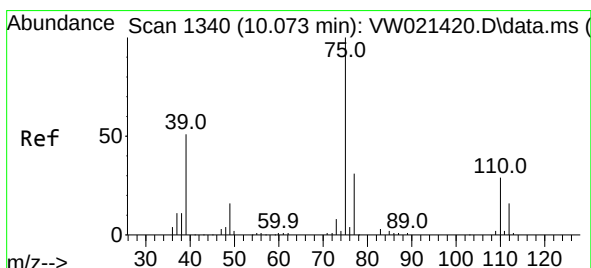
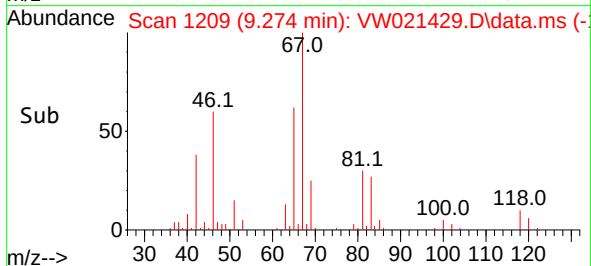
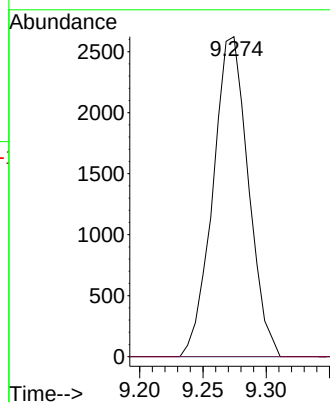
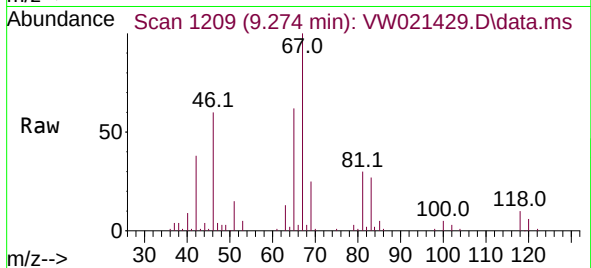
ClientSampleId :

Tgt Ion: 63 Resp: 5115

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.611 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.031 min

Lab File: VW021429.D

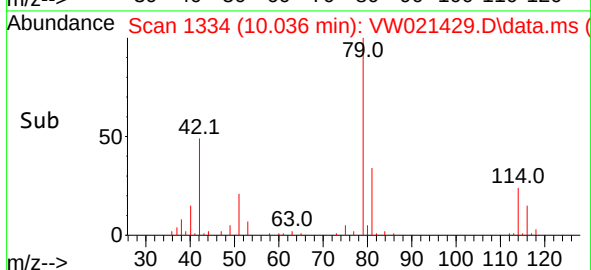
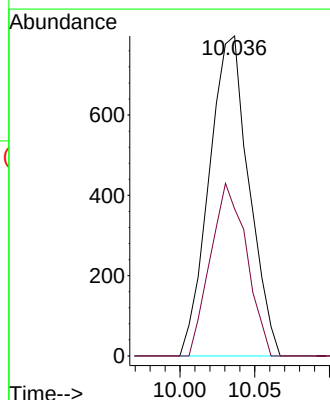
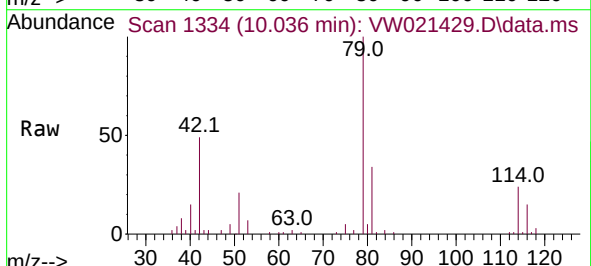
Acq: 17 Dec 2021 14:29

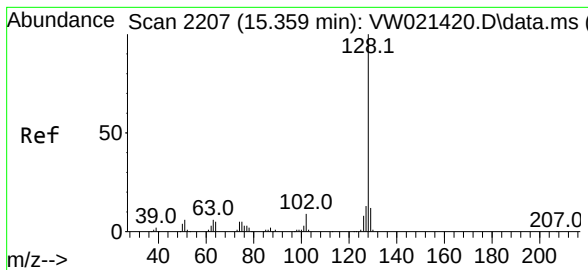
Tgt Ion: 75 Resp: 1475

Ion Ratio Lower Upper

75 100

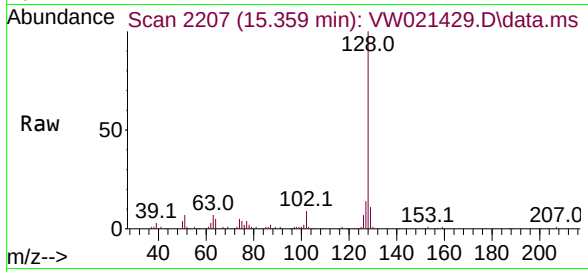
77 45.9 21.8 40.6#





#71
Naphthalene
Concen: 5.370 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021429.D
Acq: 17 Dec 2021 14:29

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	24927
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.7	16.1
129	10.8	8.6	12.8

