

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021432.D
 Acq On : 17 Dec 2021 15:42
 Operator : SY/VA
 Sample : M5121-07
 Misc : 5.05g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 21:17:09 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)

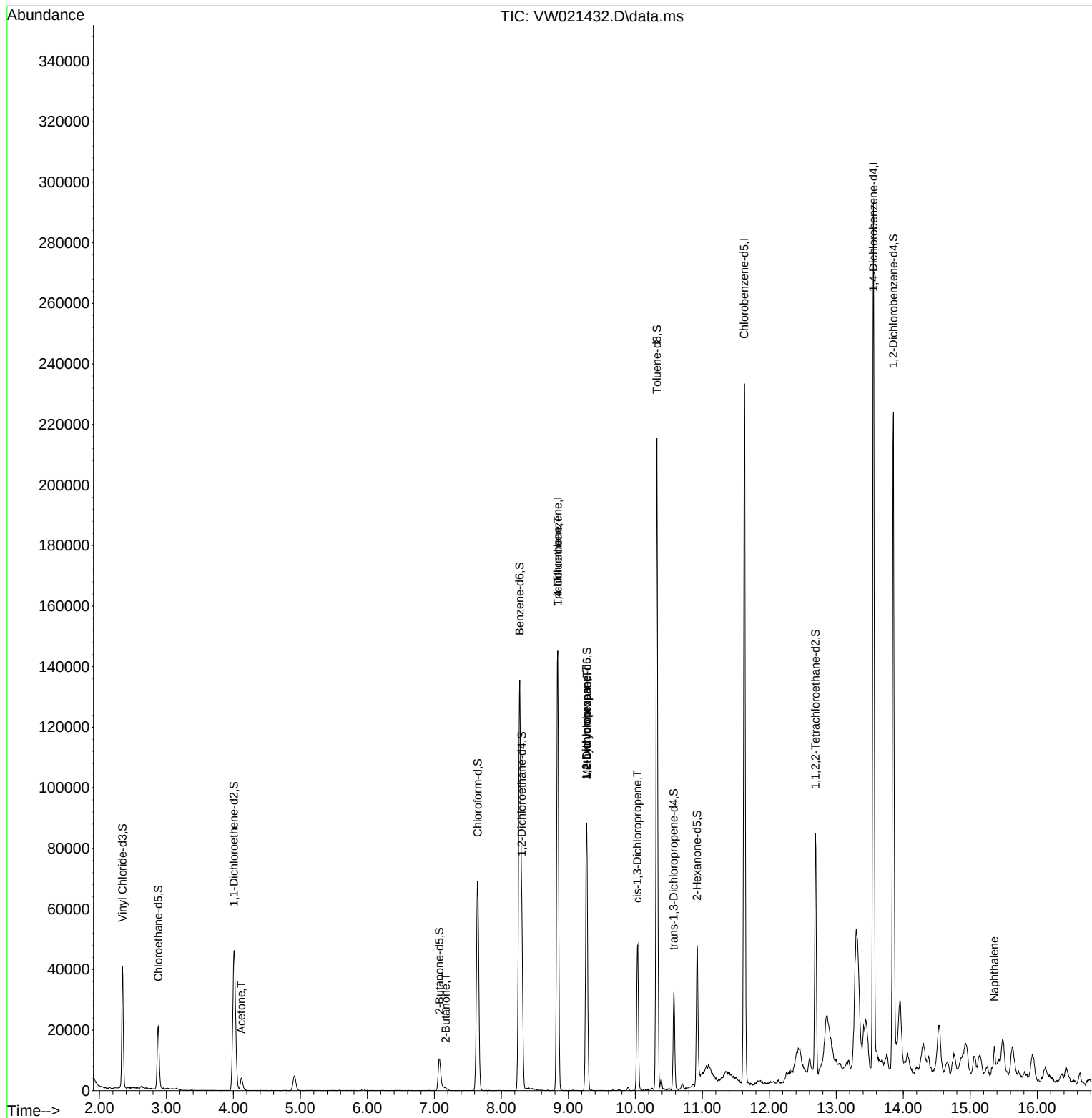
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	128373	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	130222	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	76970	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	38160	16.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.280%
7) Chloroethane-d5	2.879	69	24776	16.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.120%
11) 1,1-Dichloroethene-d2	4.007	63	44272	14.203	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.800%
21) 2-Butanone-d5	7.074	46	18676	56.668	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.340%
24) Chloroform-d	7.647	84	71495	19.985	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.920%
26) 1,2-Dichloroethane-d4	8.305	65	42553	22.361	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.440%
32) Benzene-d6	8.275	84	139331	19.520	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.080%
36) 1,2-Dichloropropane-d6	9.274	67	38912	20.327	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.320%
41) Toluene-d8	10.323	98	138681	19.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.080%
43) trans-1,3-Dichloroprop...	10.573	79	17007	19.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.160%
47) 2-Hexanone-d5	10.920	63	15660	55.321	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.640%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36564	22.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	57318	19.215	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.840%
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	7268	24.600	ug/L	95
22) 2-Butanone	7.171	43	1104	2.861	ug/L	98
34) Trichloroethene	8.842	95	3792	1.904	ug/L #	5
35) Methylcyclohexane	9.274	83	10492	3.194	ug/L #	15
37) 1,2-Dichloropropane	9.268	63	4881	3.085	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1398	0.560	ug/L	88
71) Naphthalene	15.359	128	7614	1.580	ug/L #	95

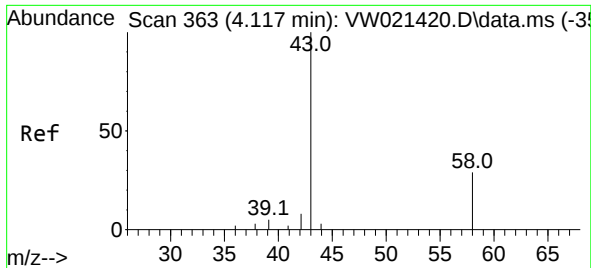
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

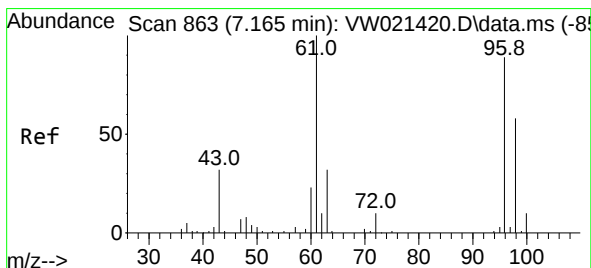
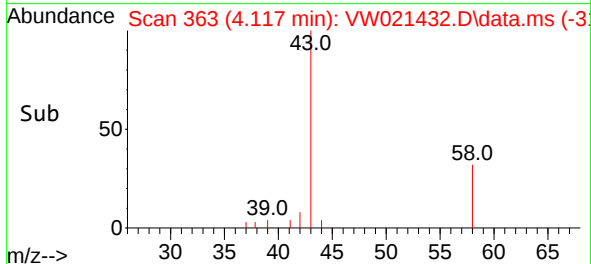
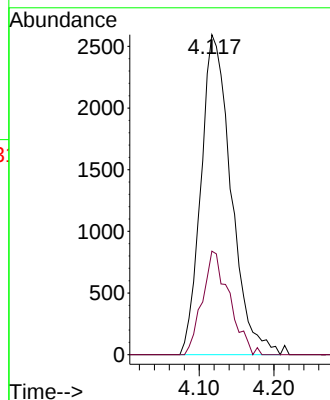
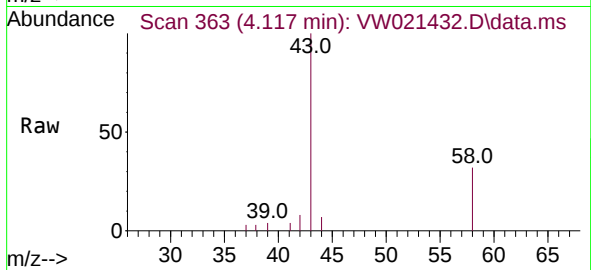




#13
Acetone
Concen: 24.600 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW021432.D
Acq: 17 Dec 2021 15:42

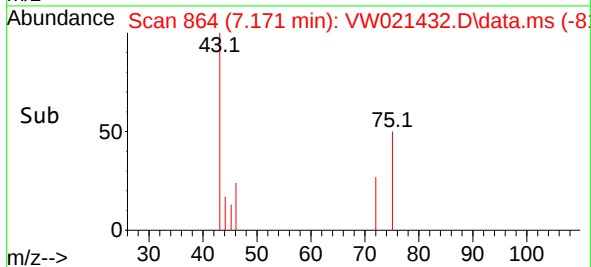
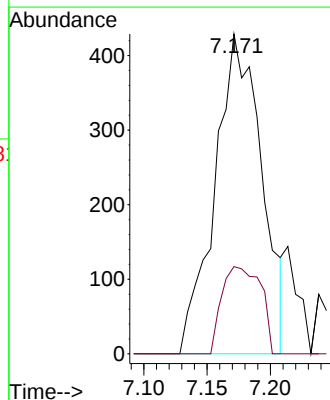
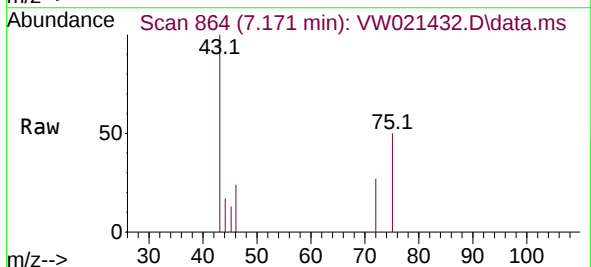
Instrument :
MSVOA_W
ClientSampleId :

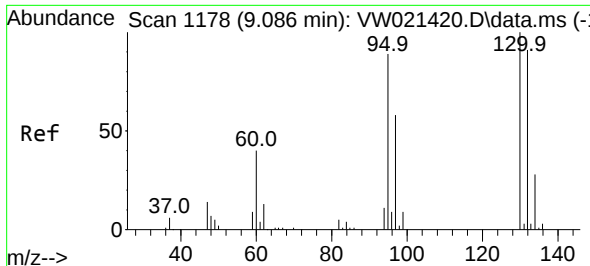
Tgt Ion: 43 Resp: 7268
Ion Ratio Lower Upper
43 100
58 28.7 0.0 52.8



#22
2-Butanone
Concen: 2.861 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021432.D
Acq: 17 Dec 2021 15:42

Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
72 22.6 11.8 35.4





#34

Trichloroethene

Concen: 1.904 ug/L

RT: 8.842 min Scan# 1178

Delta R.T. -0.250 min

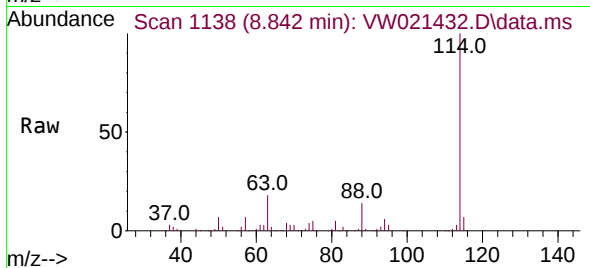
Lab File: VW021432.D

Acq: 17 Dec 2021 15:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 3792

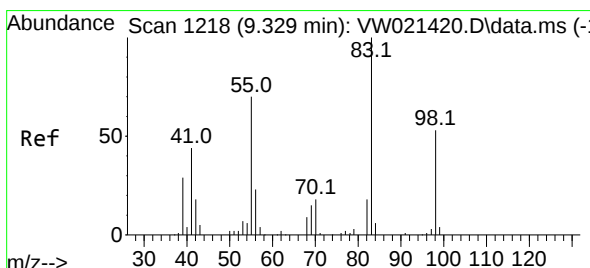
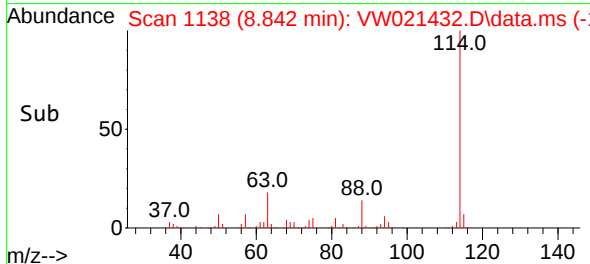
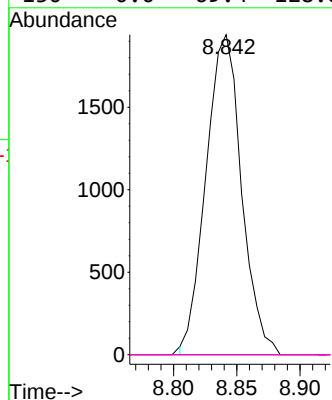
Ion Ratio Lower Upper

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: 3.194 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021432.D

Acq: 17 Dec 2021 15:42

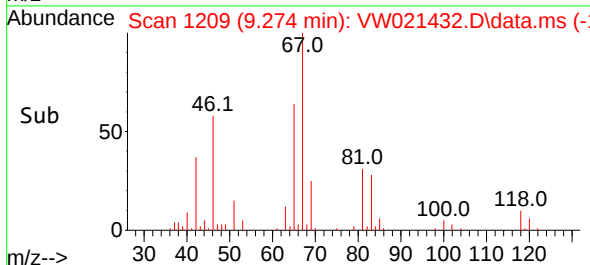
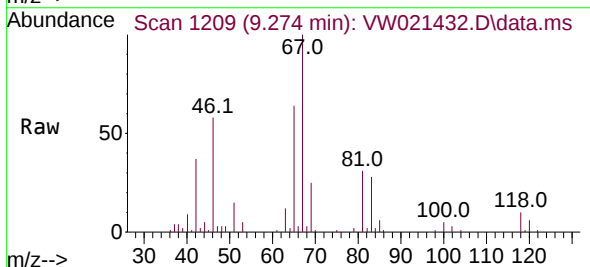
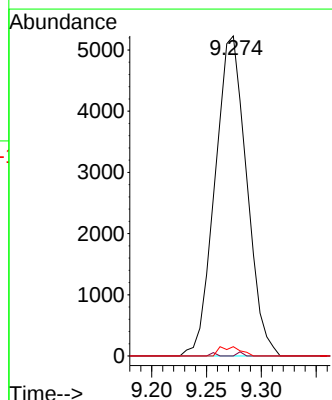
Tgt Ion: 83 Resp: 10492

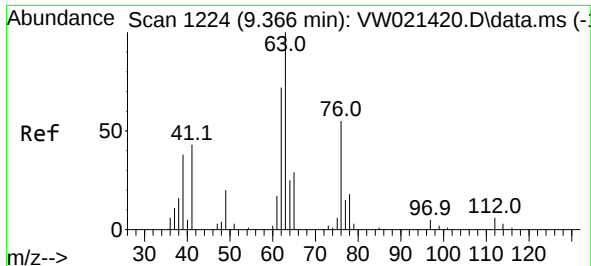
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.9 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.085 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021432.D

Acq: 17 Dec 2021 15:42

Instrument :

MSVOA_W

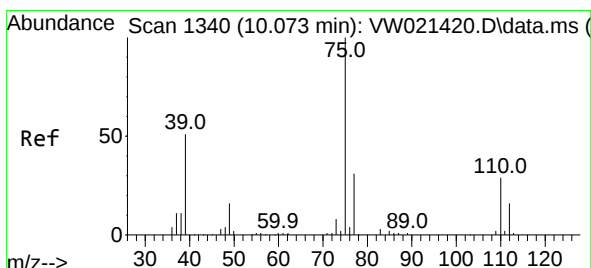
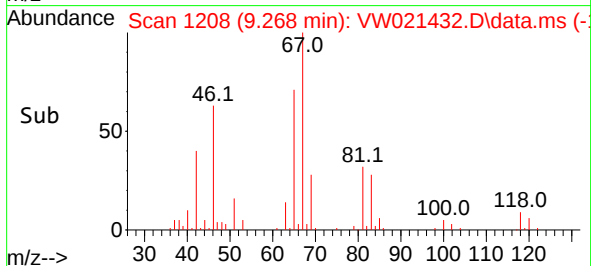
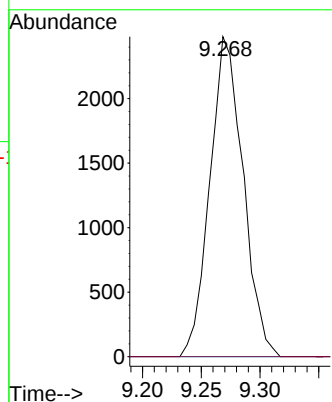
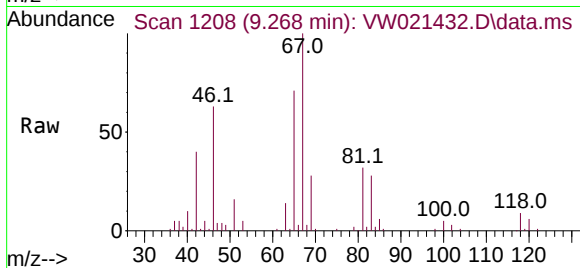
ClientSampleId :

Tgt Ion: 63 Resp: 4881

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.560 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.037 min

Lab File: VW021432.D

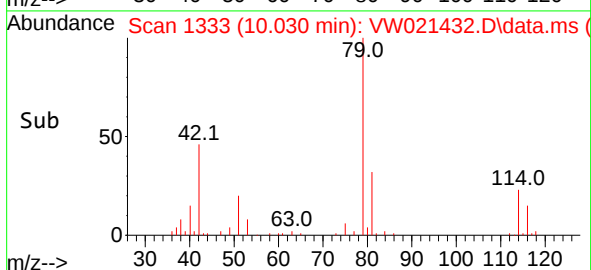
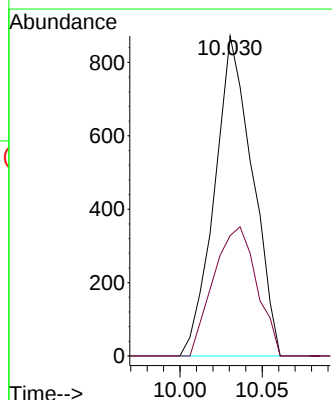
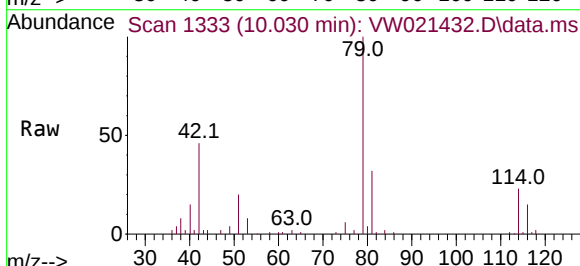
Acq: 17 Dec 2021 15:42

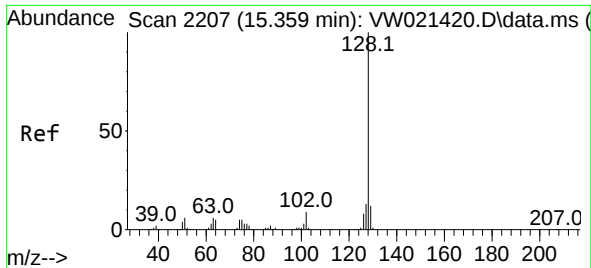
Tgt Ion: 75 Resp: 1398

Ion Ratio Lower Upper

75 100

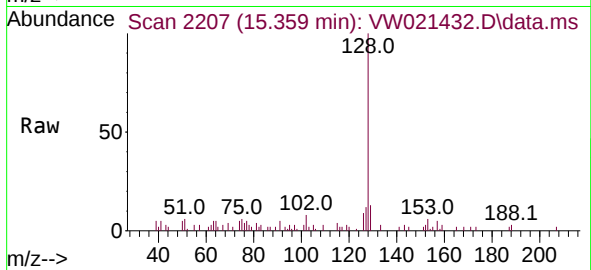
77 37.6 21.8 40.6





#71
Naphthalene
Concen: 1.580 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021432.D
Acq: 17 Dec 2021 15:42

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	7614
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	6.9	8.6	12.8#

