

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021570.D
 Acq On : 22 Dec 2021 18:05
 Operator : SY/VA
 Sample : M5154-05RE
 Misc : 5.76g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:38:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 00:34:33 2021
 Response via : Initial Calibration

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

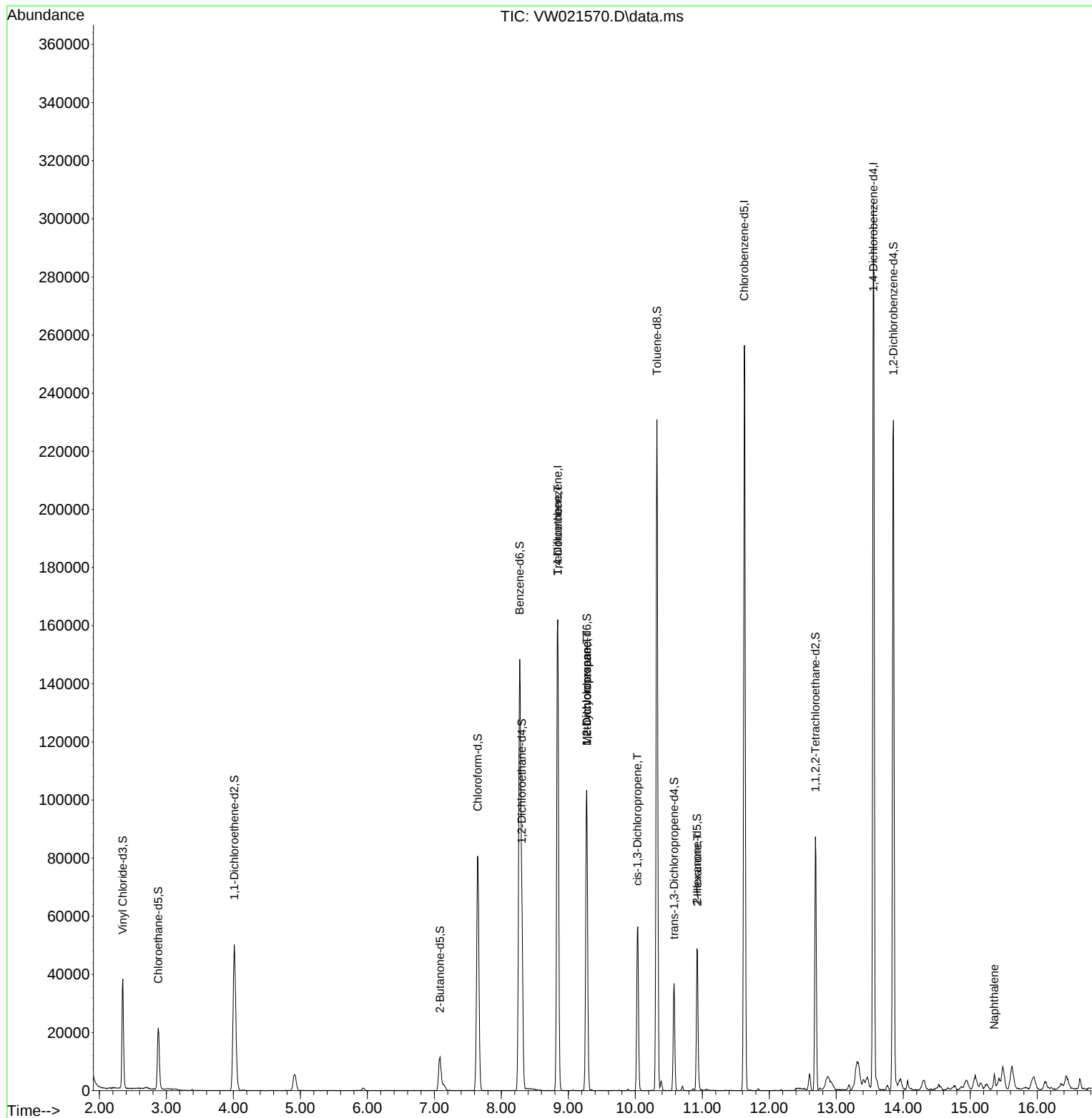
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	140133	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	144148	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	85113	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	36838	14.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.720%
7) Chloroethane-d5	2.879	69	24568	14.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.240%
11) 1,1-Dichloroethene-d2	4.013	63	47243	13.885	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.520%
21) 2-Butanone-d5	7.086	46	20010	55.621	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.240%
24) Chloroform-d	7.647	84	80165	20.528	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.120%
26) 1,2-Dichloroethane-d4	8.305	65	46862	22.559	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.240%
32) Benzene-d6	8.275	84	150397	19.035	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.120%
36) 1,2-Dichloropropane-d6	9.275	67	44092	20.808	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.240%
41) Toluene-d8	10.323	98	150397	18.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.520%
43) trans-1,3-Dichloroprop...	10.579	79	19452	19.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.760%
47) 2-Hexanone-d5	10.921	63	16460	52.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.060%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	40048	21.985	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	63512	19.254	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.000%
Target Compounds						Qvalue
34) Trichloroethene	8.842	95	4587	2.081	ug/L #	5
35) Methylcyclohexane	9.275	83	11707	3.220	ug/L #	15
37) 1,2-Dichloropropane	9.275	63	5690	3.249	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1673	0.606	ug/L #	78
48) 2-Hexanone	10.927	43	2397	3.463	ug/L #	67
71) Naphthalene	15.359	128	4430	0.831	ug/L	97

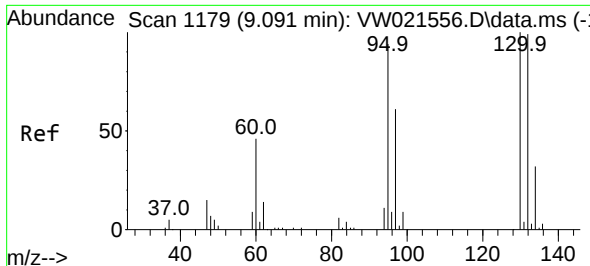
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Dec 23 00:34:33 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.081 ug/L

RT: 8.842 min Scan# 1179

Delta R.T. -0.250 min

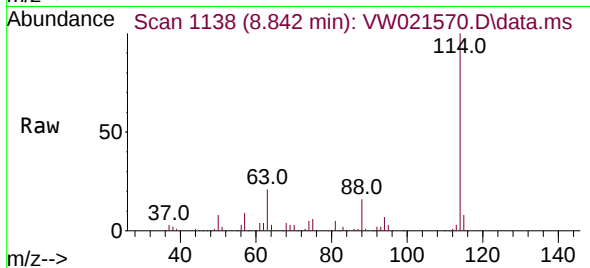
Lab File: VW021570.D

Acq: 22 Dec 2021 18:05

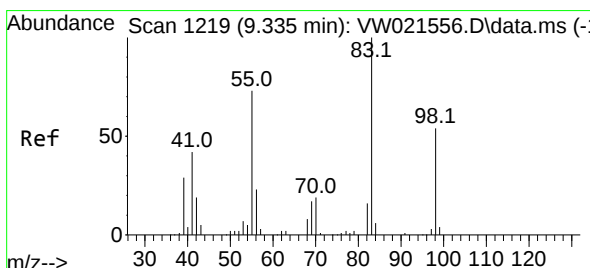
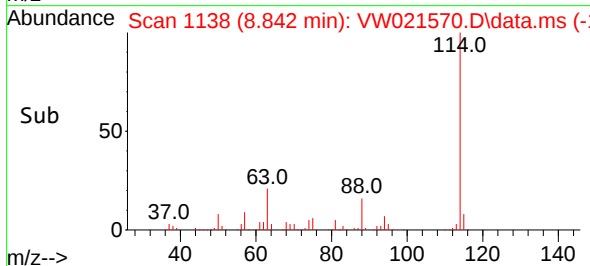
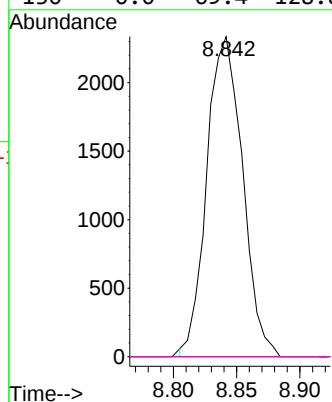
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	95	Resp:	4587
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: 3.220 ug/L

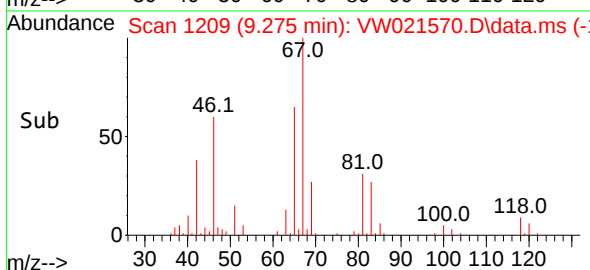
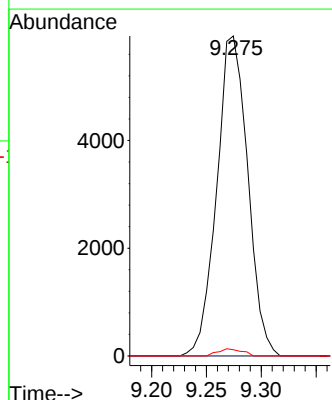
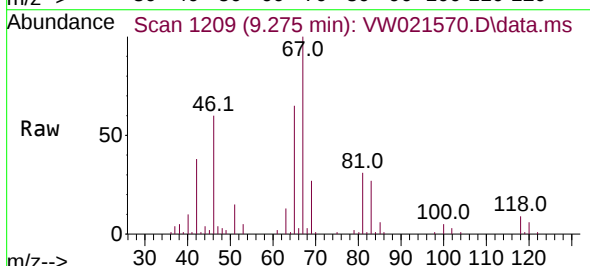
RT: 9.275 min Scan# 1209

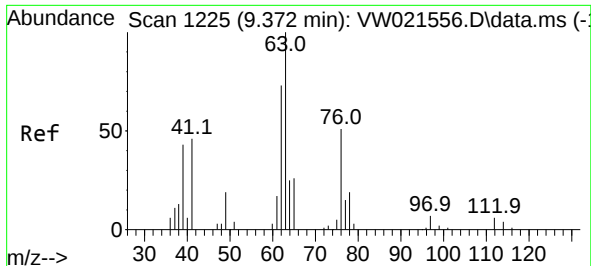
Delta R.T. -0.061 min

Lab File: VW021570.D

Acq: 22 Dec 2021 18:05

Tgt Ion:	83	Resp:	11707
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: 3.249 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021570.D

Acq: 22 Dec 2021 18:05

Instrument :

MSVOA_W

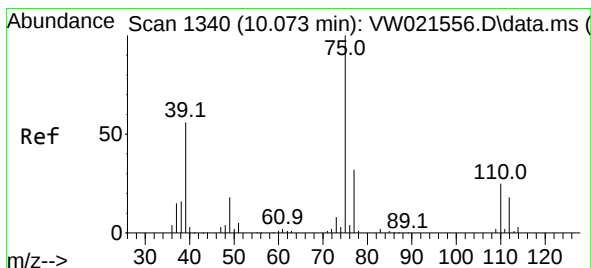
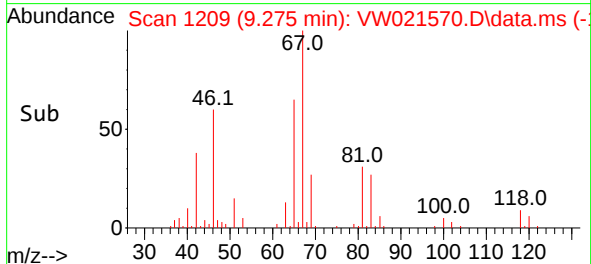
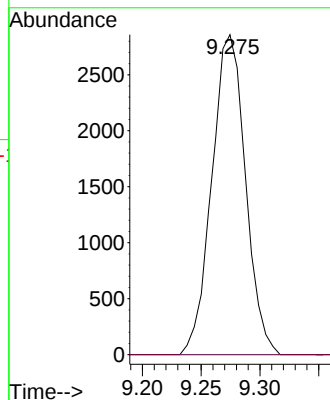
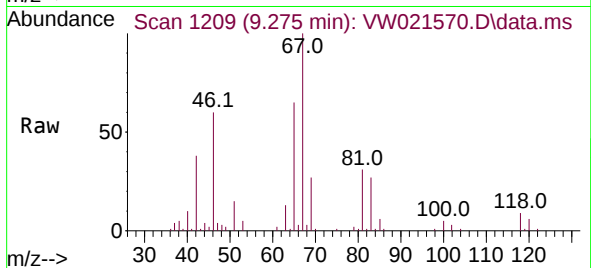
ClientSampleId :

Tgt Ion: 63 Resp: 5690

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.606 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.042 min

Lab File: VW021570.D

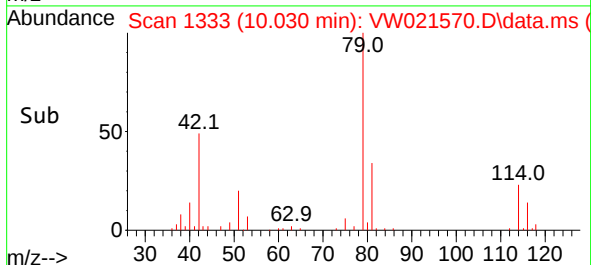
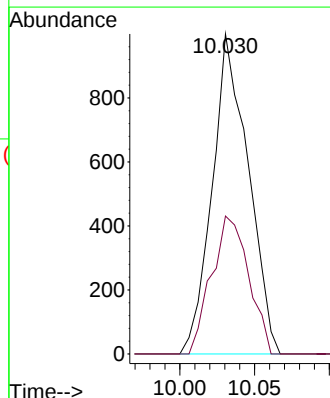
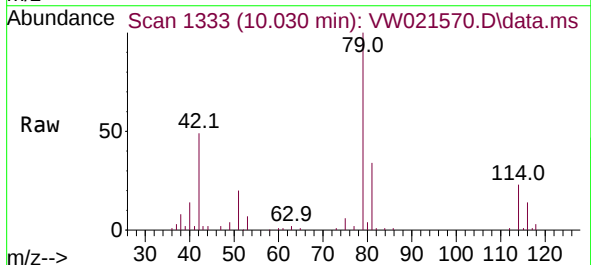
Acq: 22 Dec 2021 18:05

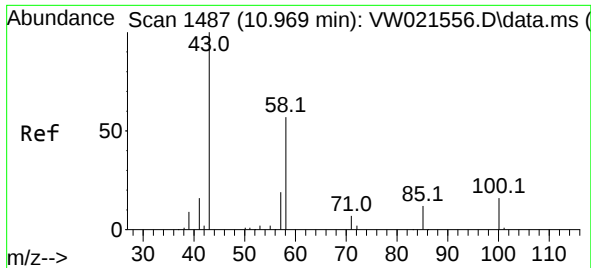
Tgt Ion: 75 Resp: 1673

Ion Ratio Lower Upper

75 100

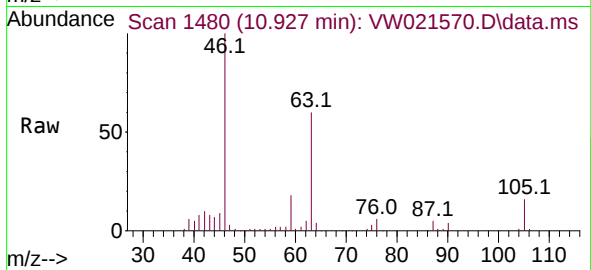
77 43.1 21.8 40.6#



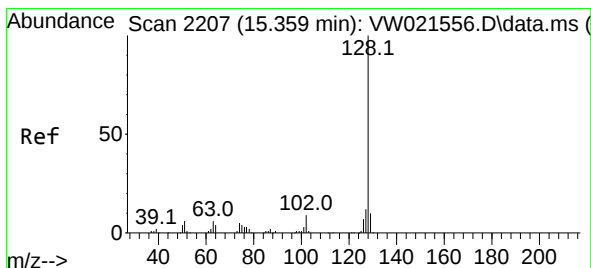
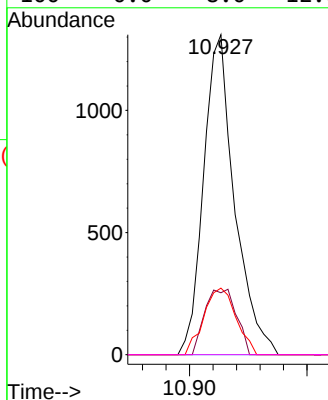
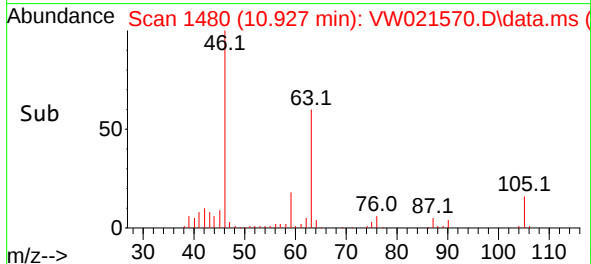


#48
2-Hexanone
Concen: 3.463 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW021570.D
Acq: 22 Dec 2021 18:05

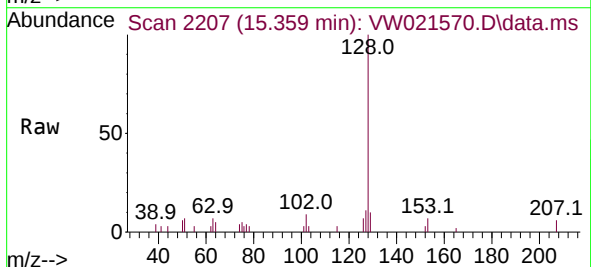
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 2397
Ion Ratio Lower Upper
43 100
58 20.9 40.2 60.2#
57 21.8 14.3 21.5#
100 0.0 8.0 12.0#



#71
Naphthalene
Concen: 0.831 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW021570.D
Acq: 22 Dec 2021 18:05



Tgt Ion: 128 Resp: 4430
Ion Ratio Lower Upper
128 100
127 15.0 10.7 16.1
129 11.8 8.6 12.8

