

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021483.D
 Acq On : 18 Dec 2021 17:54
 Operator : SY/VA
 Sample : M5154-02
 Misc : 6.24g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

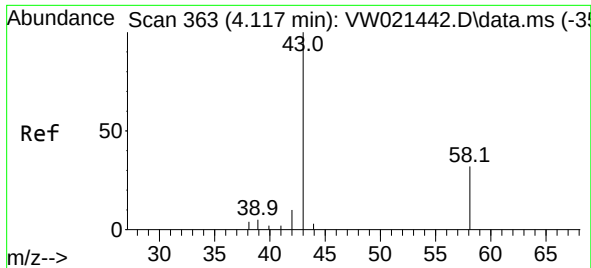
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:13:11 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	8.841	114	171131	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	167859	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	91752	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	52118	16.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.880%
7) Chloroethane-d5	2.885	69	32446	15.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.000%
11) 1,1-Dichloroethene-d2	4.013	63	63345	15.245	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.960%
21) 2-Butanone-d5	7.080	46	21939	49.937	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.880%
24) Chloroform-d	7.647	84	99055	20.770	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.080%
26) 1,2-Dichloroethane-d4	8.305	65	56528	22.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.120%
32) Benzene-d6	8.274	84	197722	21.489	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.960%
36) 1,2-Dichloropropane-d6	9.274	67	54667	22.154	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.600%
41) Toluene-d8	10.323	98	201008	21.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.520%
43) trans-1,3-Dichloroprop...	10.573	79	23481	20.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.680%
47) 2-Hexanone-d5	10.920	63	19035	52.167	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.340%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	45311	21.361	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	74284	20.890	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.560%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	5814	14.762	ug/L	95
22) 2-Butanone	7.183	43	1635	3.179	ug/L	83
34) Trichloroethene	8.841	95	5132	1.999	ug/L	# 5
35) Methylcyclohexane	9.274	83	14971	3.536	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	7068	3.465	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	2033	0.632	ug/L	# 63
48) 2-Hexanone	10.926	43	2730	3.387	ug/L	# 63
61) 1,2,3-Trichloropropane	13.554	75	10299	7.713	ug/L	# 68
71) Naphthalene	15.359	128	7970	1.388	ug/L	97

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



#13

Acetone

Concen: 14.762 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.012 min

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MSVOA_W

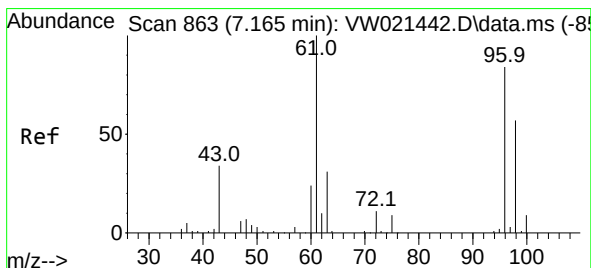
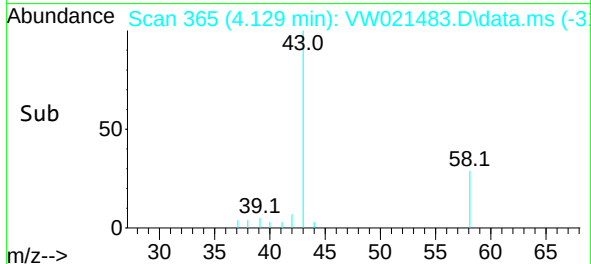
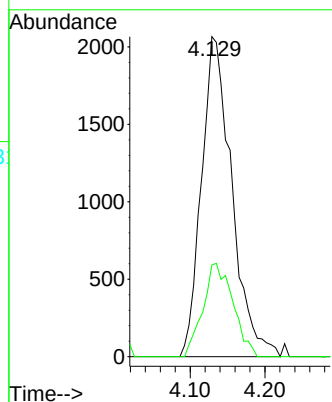
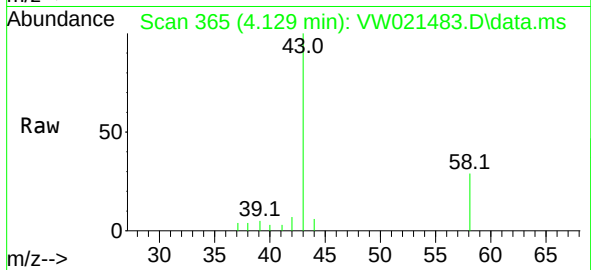
ClientSampleId :

Tgt Ion: 43 Resp: 5814

Ion Ratio Lower Upper

43 100

58 28.9 0.0 52.8



#22

2-Butanone

Concen: 3.179 ug/L

RT: 7.183 min Scan# 866

Delta R.T. 0.018 min

Lab File: VW021483.D

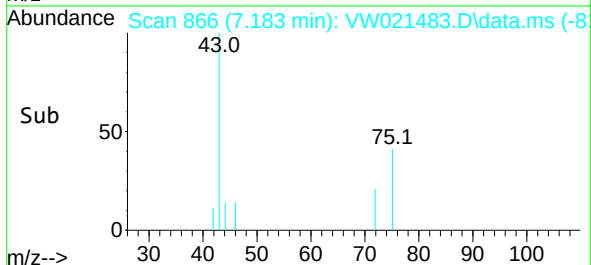
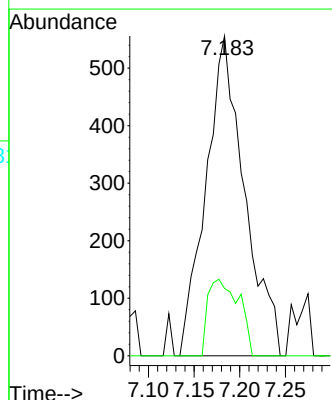
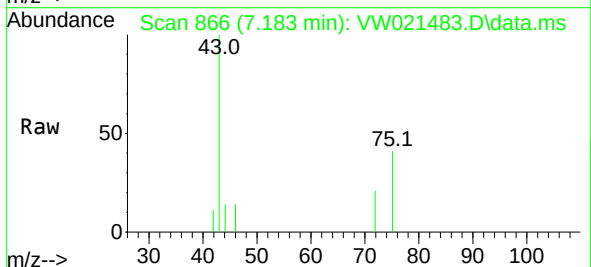
Acq: 18 Dec 2021 17:54

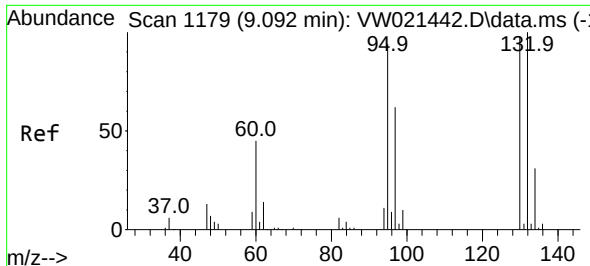
Tgt Ion: 43 Resp: 1635

Ion Ratio Lower Upper

43 100

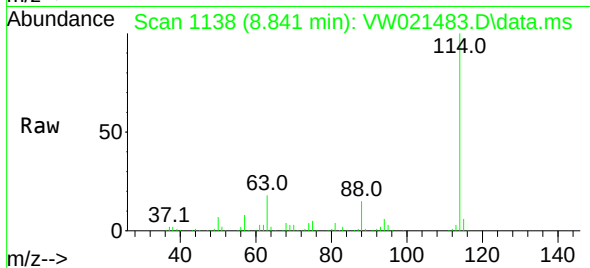
72 15.4 11.8 35.4



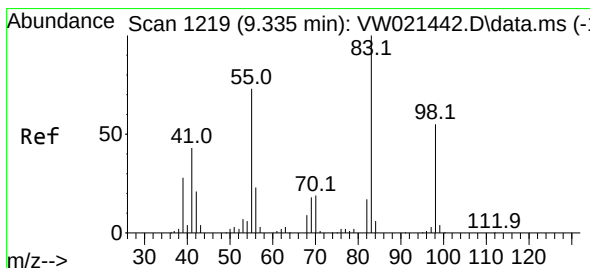
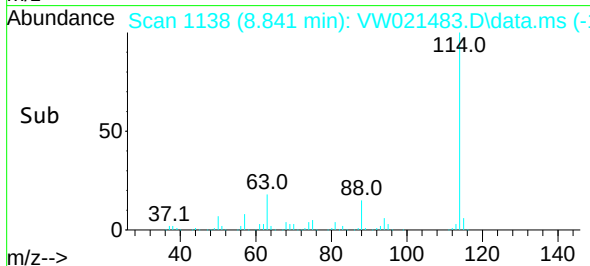
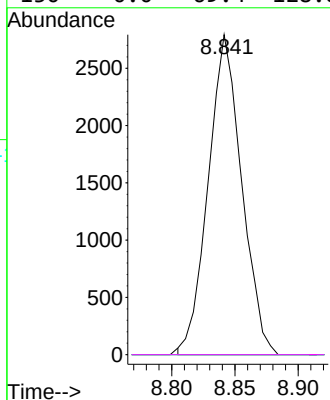


#34
Trichloroethene
Concen: 1.999 ug/L
RT: 8.841 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021483.D
Acq: 18 Dec 2021 17:54

Instrument :
MSVOA_W
ClientSampleId :

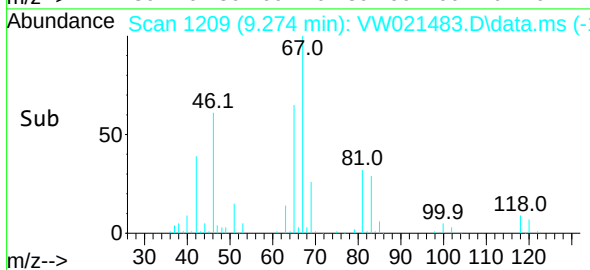
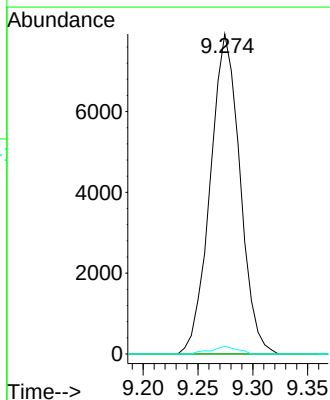
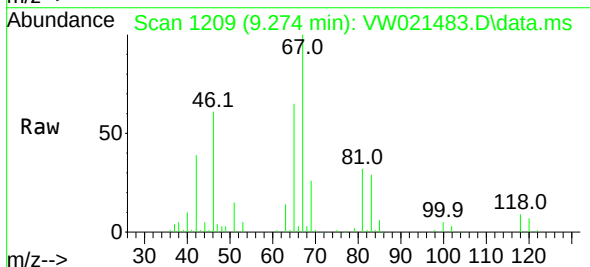


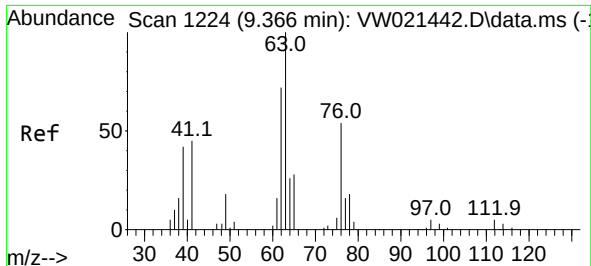
Tgt Ion	95	Resp:	5132
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#



#35
Methylcyclohexane
Concen: 3.536 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021483.D
Acq: 18 Dec 2021 17:54

Tgt Ion	83	Resp:	14971
Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.6	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.465 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021483.D

Acq: 18 Dec 2021 17:54

Instrument :

MSVOA_W

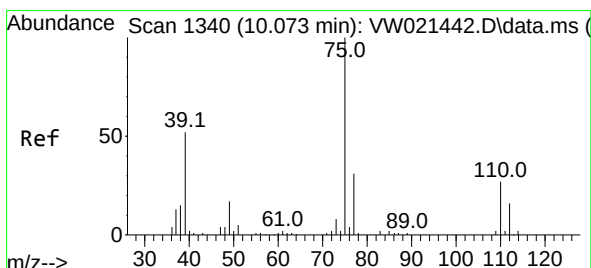
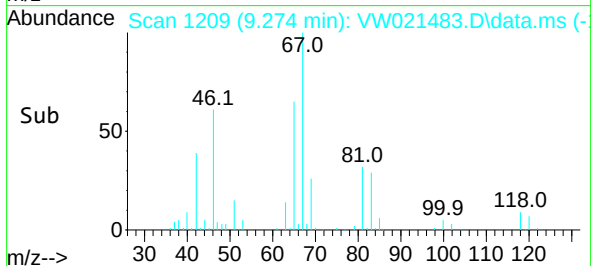
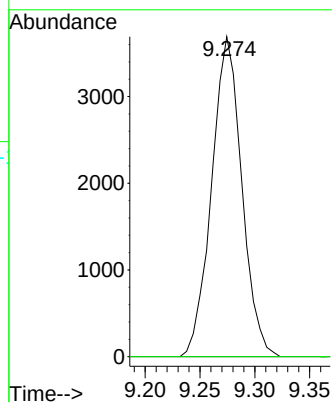
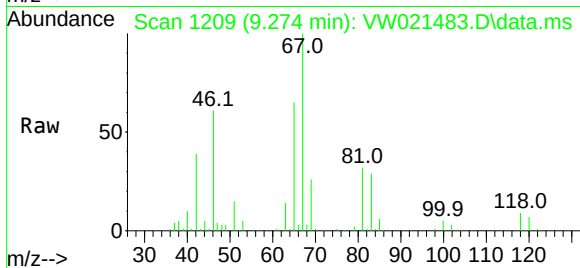
ClientSampleId :

Tgt Ion: 63 Resp: 7068

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.632 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021483.D

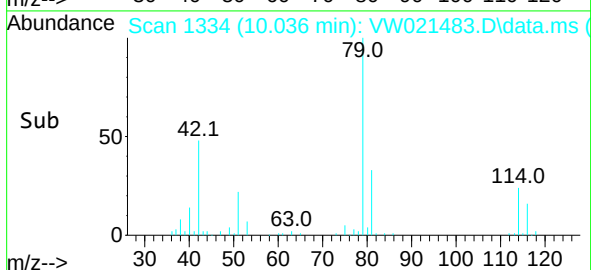
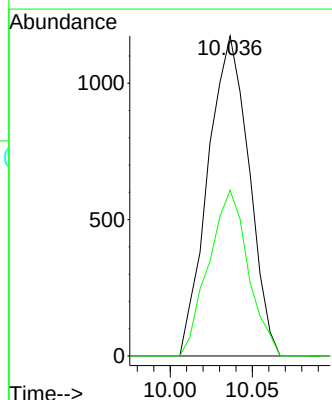
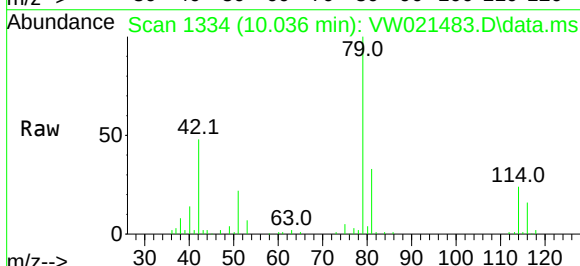
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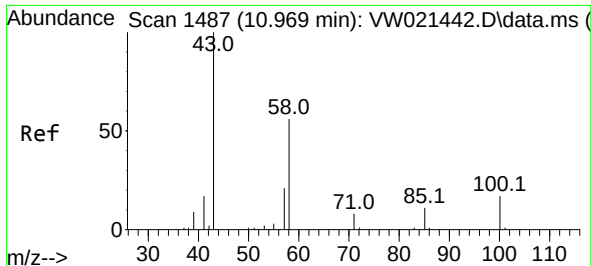
Tgt Ion: 75 Resp: 2033

Ion Ratio Lower Upper

75 100

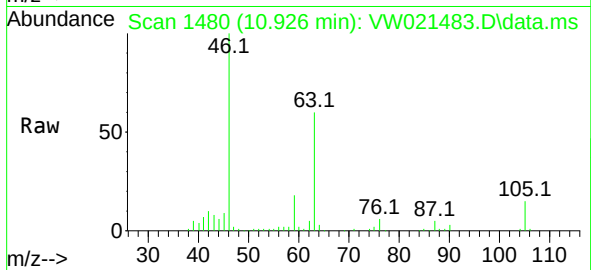
77 51.8 21.8 40.6#



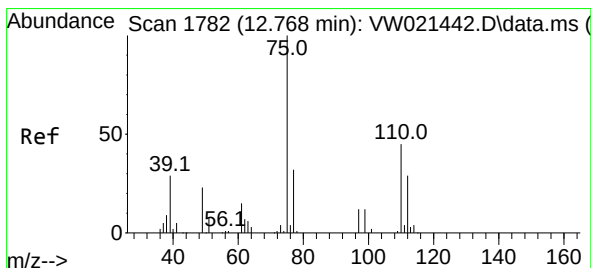
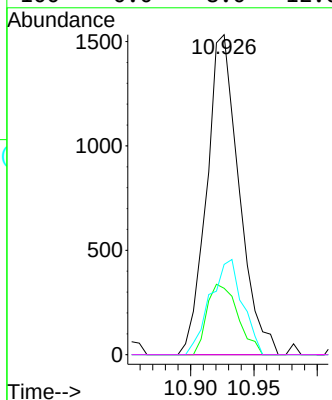
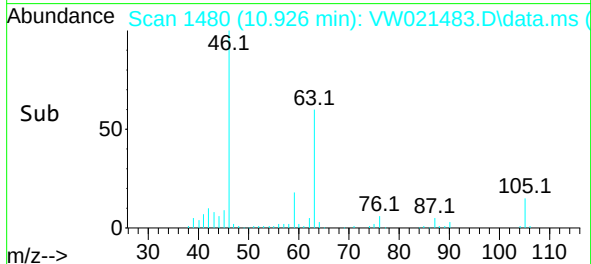


#48
2-Hexanone
Concen: 3.387 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021483.D
Acq: 18 Dec 2021 17:54

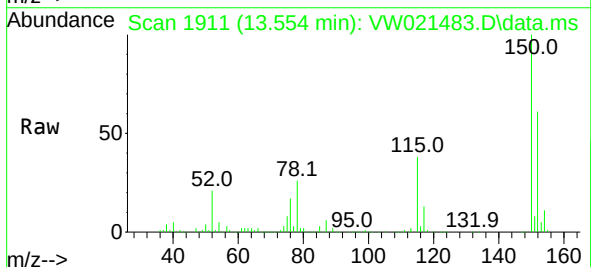
Instrument :
MSVOA_W
ClientSampleId :



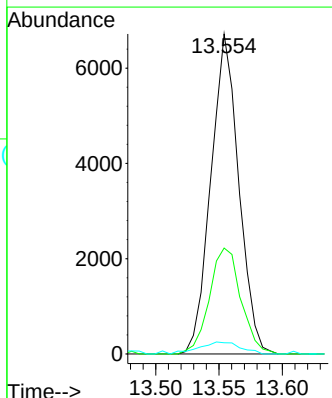
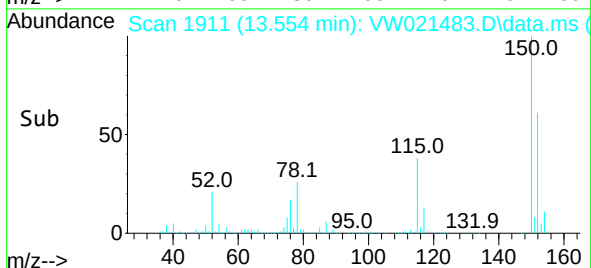
Tgt Ion:	43	Resp:	2730
Ion	Ratio	Lower	Upper
43	100		
58	21.0	40.2	60.2#
57	29.7	14.3	21.5#
100	0.0	8.0	12.0#

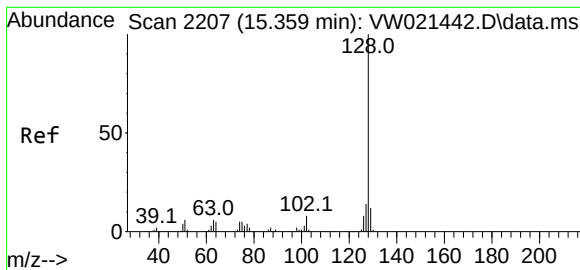


#61
1,2,3-Trichloropropane
Concen: 7.713 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021483.D
Acq: 18 Dec 2021 17:54



Tgt Ion:	75	Resp:	10299
Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.8	38.8
110	5.5	29.0	43.4#





#71

Naphthalene

Concen: 1.388 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

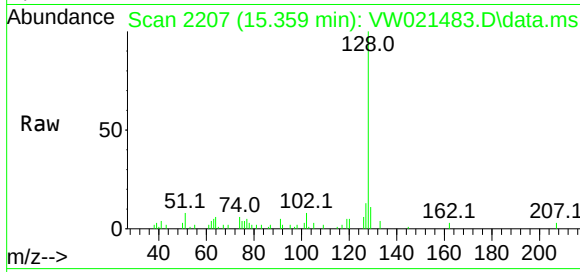
Lab File: VW021483.D

Acq: 18 Dec 2021 17:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 7970

Ion Ratio Lower Upper

128 100

127 12.5 10.7 16.1

129 12.0 8.6 12.8

