

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021630.D
 Acq On : 23 Dec 2021 22:41
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 01:48:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

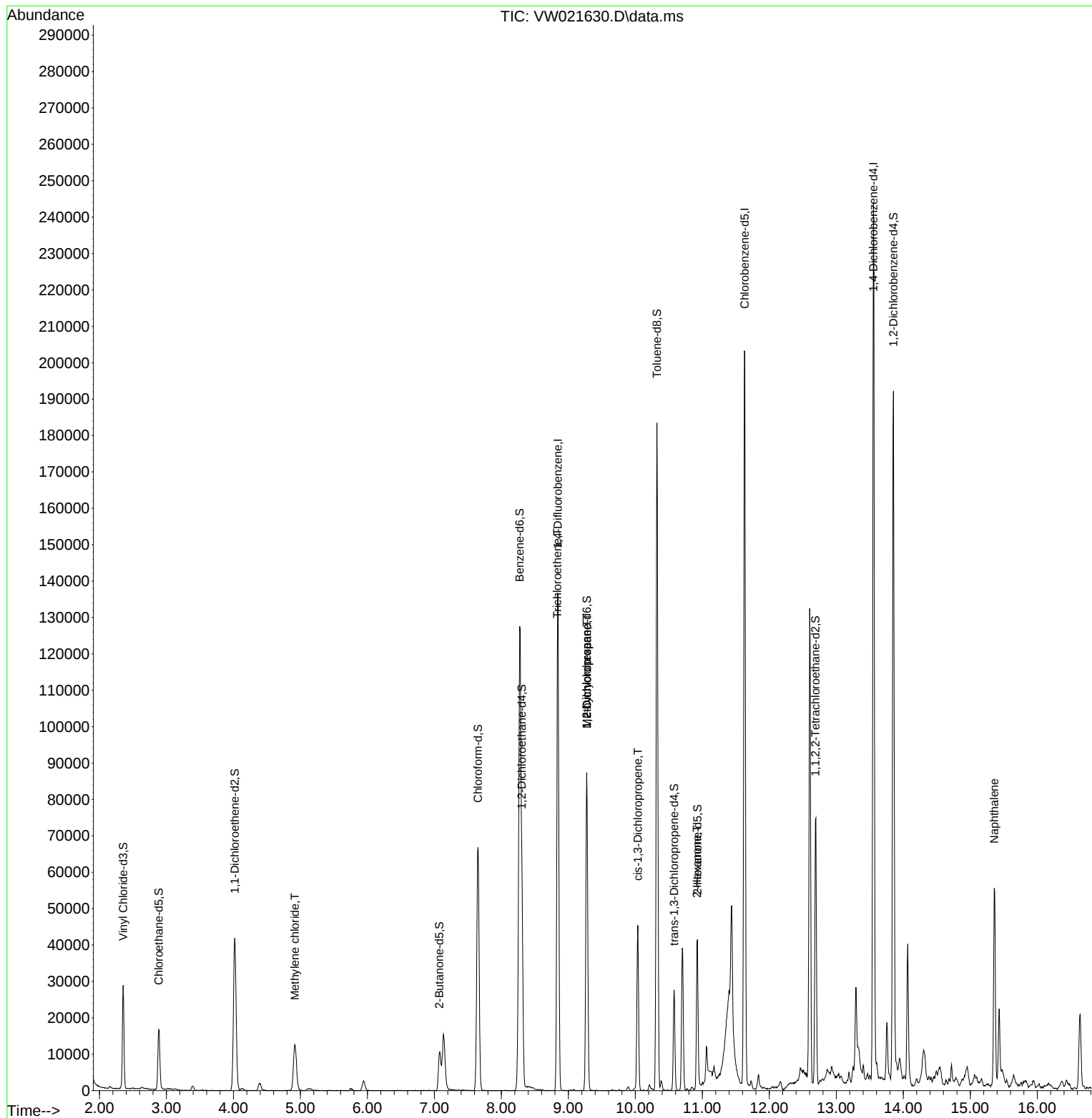
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	119098	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	121602	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	66214	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	26770	12.342	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.360%
7) Chloroethane-d5	2.885	69	19541	13.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.520%
11) 1,1-Dichloroethene-d2	4.019	63	39812	13.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.080%
21) 2-Butanone-d5	7.074	46	18193	59.502	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.000%
24) Chloroform-d	7.653	84	69512	20.944	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.760%
26) 1,2-Dichloroethane-d4	8.305	65	39284	22.251	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	8.275	84	127659	19.152	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	9.274	67	37733	21.108	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.440%
41) Toluene-d8	10.323	98	121243	17.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	10.579	79	14692	17.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.400%
47) 2-Hexanone-d5	10.927	63	14177	53.633	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	34806	22.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	50858	19.819	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.280%
Target Compounds						Qvalue
16) Methylene chloride	4.915	84	10467	5.319	ug/L	76
34) Trichloroethene	8.835	95	3518	1.892	ug/L	# 5
35) Methylcyclohexane	9.274	83	10314	3.362	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4802	3.250	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1307	0.561	ug/L	# 74
48) 2-Hexanone	10.920	43	1768	3.028	ug/L	# 69
71) Naphthalene	15.359	128	48349	11.665	ug/L	98

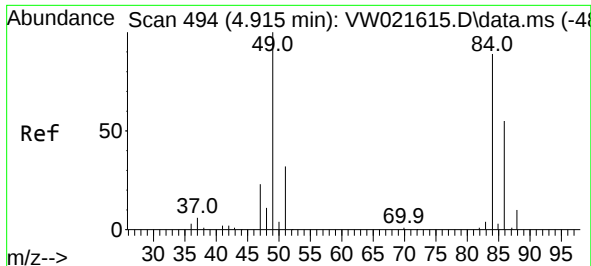
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration

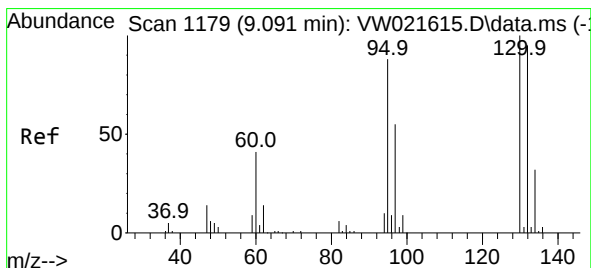
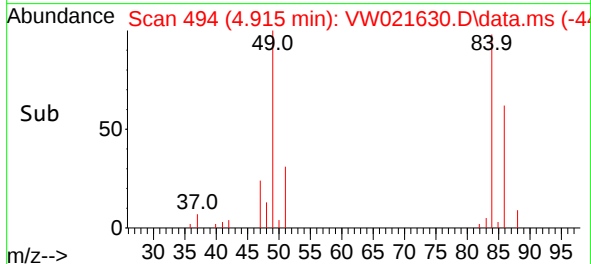
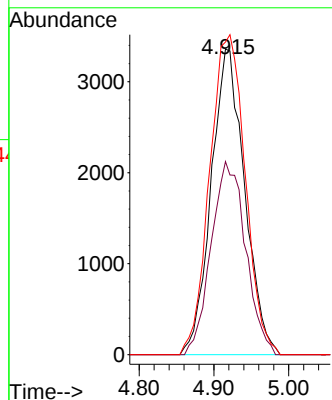
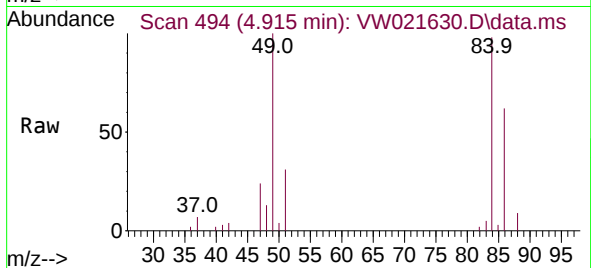




#16
Methylene chloride
Concen: 5.319 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021630.D
Acq: 23 Dec 2021 22:41

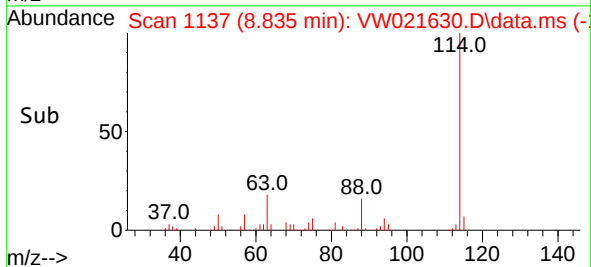
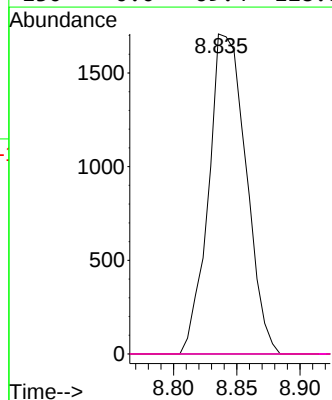
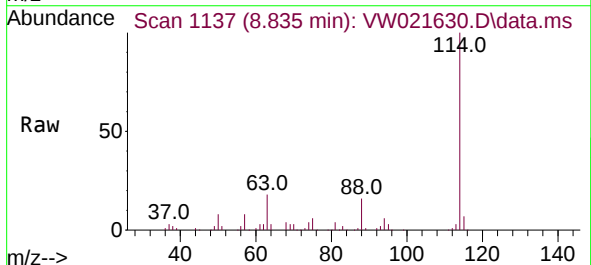
Instrument :
MSVOA_W
ClientSampleId :

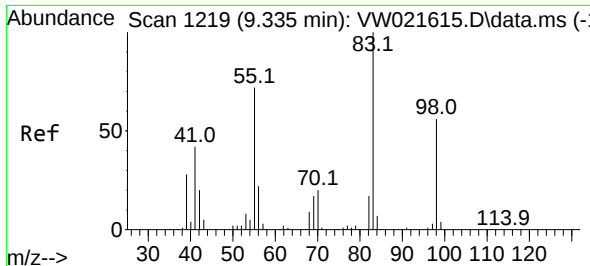
Tgt Ion: 84 Resp: 10467
Ion Ratio Lower Upper
84 100
86 63.2 45.5 84.5
49 102.3 100.5 186.7



#34
Trichloroethene
Concen: 1.892 ug/L
RT: 8.835 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW021630.D
Acq: 23 Dec 2021 22:41

Tgt Ion: 95 Resp: 3518
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: 3.362 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021630.D

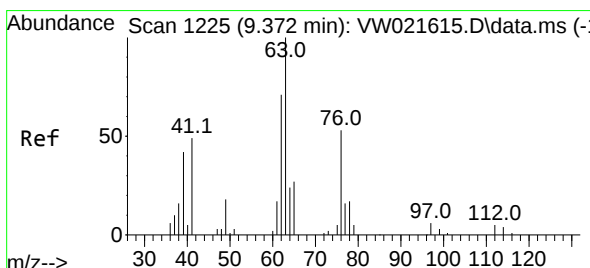
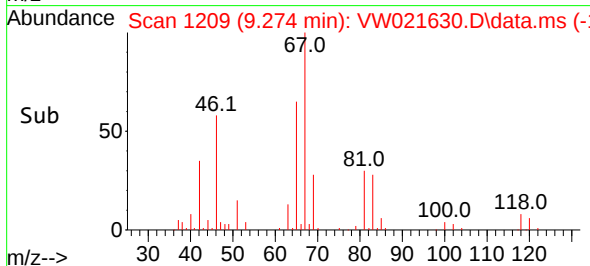
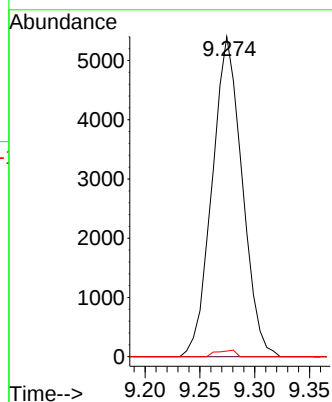
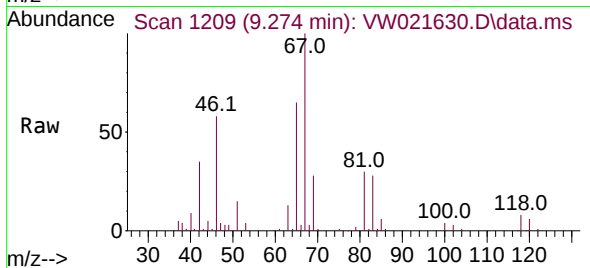
Acq: 23 Dec 2021 22:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 10314
Ion Ratio	Lower Upper
83	100
55	0.0 70.8 106.2#
98	1.3 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.250 ug/L

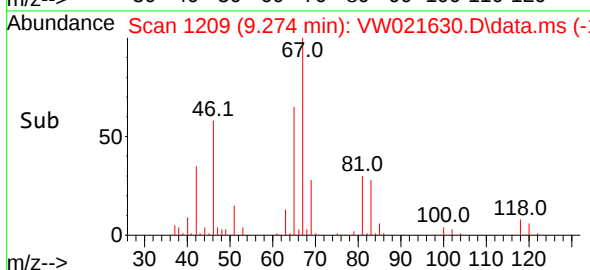
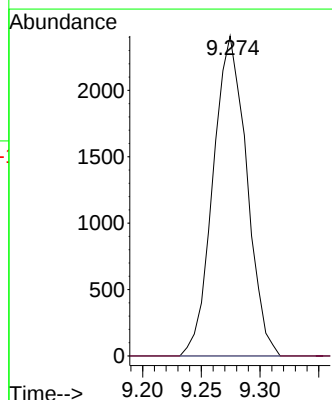
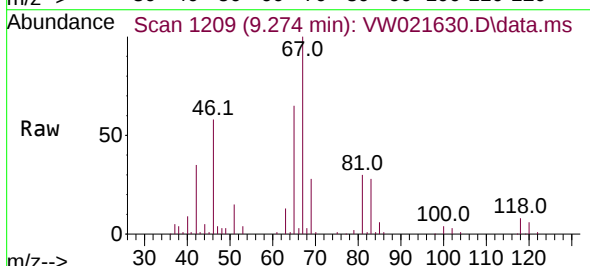
RT: 9.274 min Scan# 1209

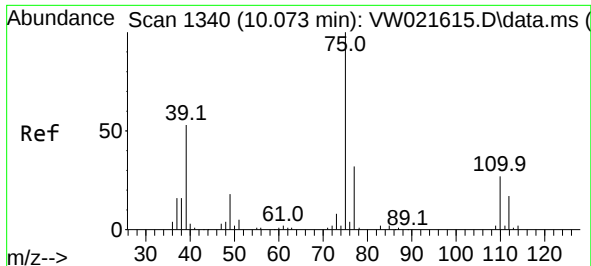
Delta R.T. -0.098 min

Lab File: VW021630.D

Acq: 23 Dec 2021 22:41

Tgt Ion: 63	Resp: 4802
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.561 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021630.D

Acq: 23 Dec 2021 22:41

Instrument :

MSVOA_W

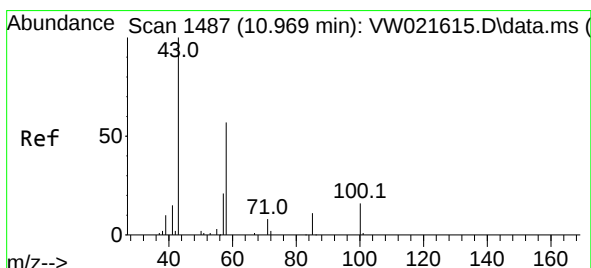
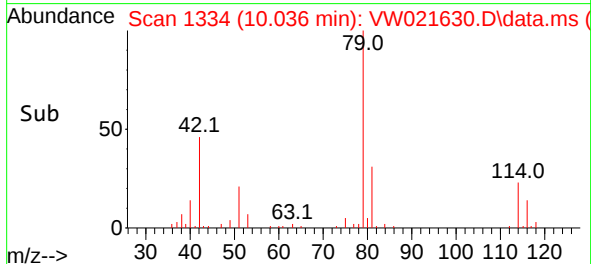
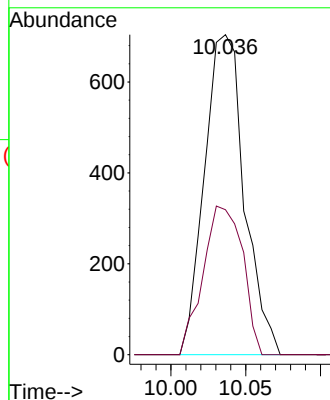
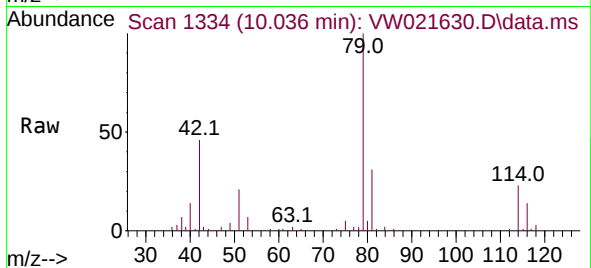
ClientSampleId :

Tgt Ion: 75 Resp: 1307

Ion Ratio Lower Upper

75 100

77 45.3 21.8 40.6#



#48

2-Hexanone

Concen: 3.028 ug/L

RT: 10.920 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW021630.D

Acq: 23 Dec 2021 22:41

Tgt Ion: 43 Resp: 1768

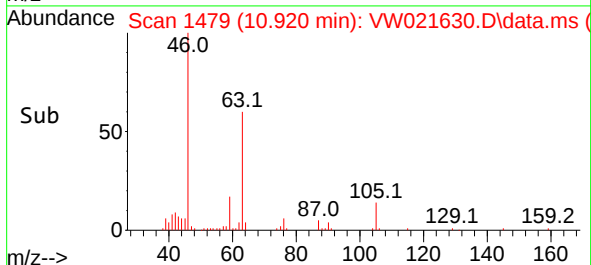
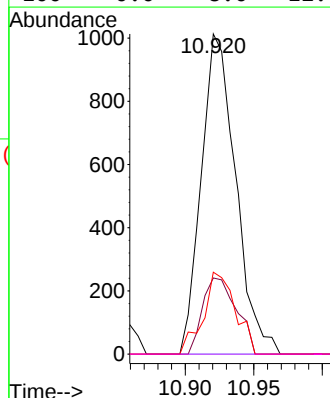
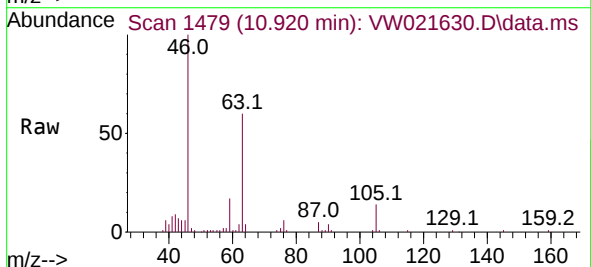
Ion Ratio Lower Upper

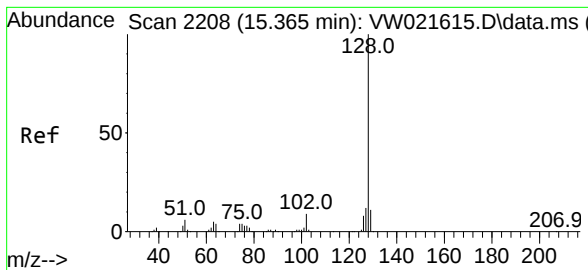
43 100

58 23.5 40.2 60.2#

57 23.8 14.3 21.5#

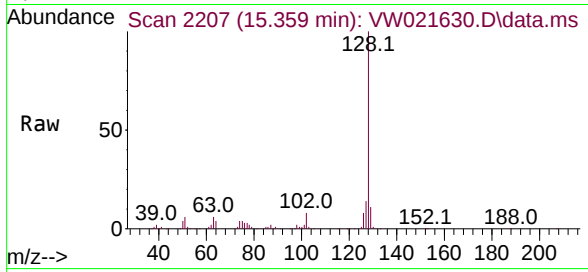
100 0.0 8.0 12.0#





#71
 Naphthalene
 Concen: 11.665 ug/L
 RT: 15.359 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW021630.D
 Acq: 23 Dec 2021 22:41

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	128	Resp:	48349
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.7	16.1
129	11.9	8.6	12.8

