

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021090.D
 Acq On : 04 Dec 2021 02:28
 Operator : SY/VA
 Sample : M4883-20
 Misc : 5.30g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 05:44:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

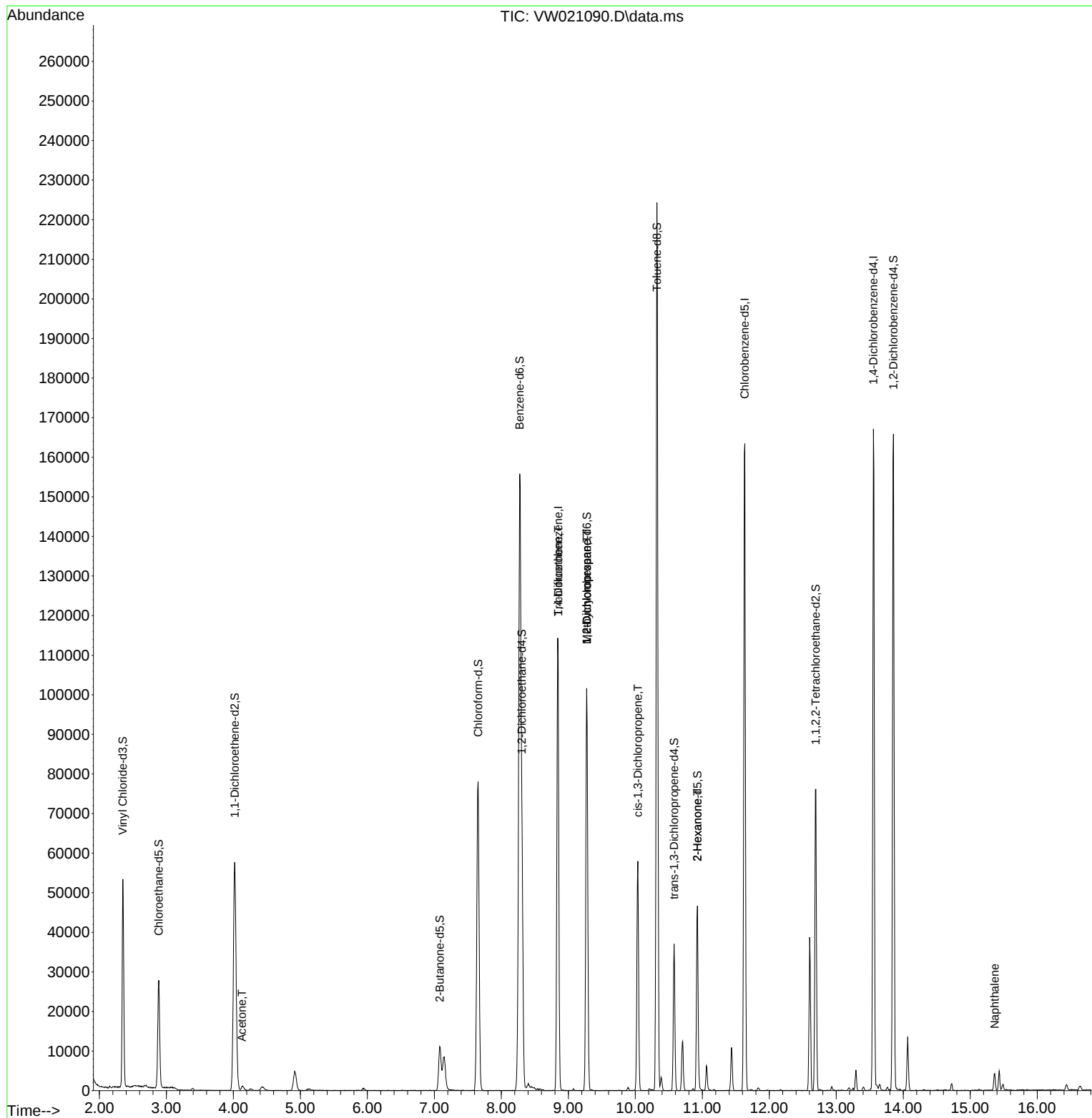
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	98124	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	93377	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	42738	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47936	35.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 140.240%	
7) Chloroethane-d5	2.885	69	30049	32.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 131.320%	
11) 1,1-Dichloroethene-d2	4.019	63	52812	24.181	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.720%	
21) 2-Butanone-d5	7.080	46	18878	60.538	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.080%	
24) Chloroform-d	7.653	84	76275	31.039	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 124.160%	
26) 1,2-Dichloroethane-d4	8.305	65	44416	33.038	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 132.160%#	
32) Benzene-d6	8.275	84	151850	31.805	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 127.200%	
36) 1,2-Dichloropropane-d6	9.274	67	42489	32.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 128.080%#	
41) Toluene-d8	10.323	98	145658	29.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 119.000%	
43) trans-1,3-Dichloroprop...	10.579	79	18592	30.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 123.440%	
47) 2-Hexanone-d5	10.927	63	15714	61.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.800%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	34586	28.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 112.720%	
66) 1,2-Dichlorobenzene-d4	13.853	152	43795	28.600	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 114.400%	
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	1996	7.027	ug/L	78
34) Trichloroethene	8.848	95	2969	2.027	ug/L	# 5
35) Methylcyclohexane	9.274	83	11461	4.648	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	5617	4.680	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1722	0.887	ug/L	# 72
48) 2-Hexanone	10.927	43	2233	3.786	ug/L	# 67
71) Naphthalene	15.365	128	3987	1.270	ug/L	98

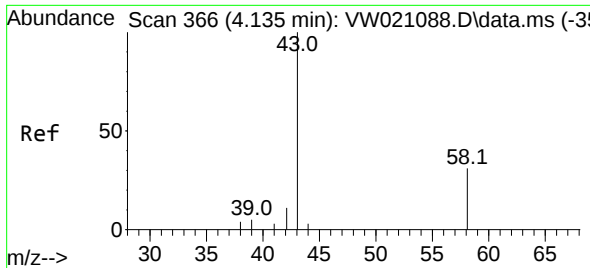
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration





#13

Acetone

Concen: 7.027 ug/L

RT: 4.129 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021090.D

Acq: 04 Dec 2021 02:28

Instrument :

MSVOA_W

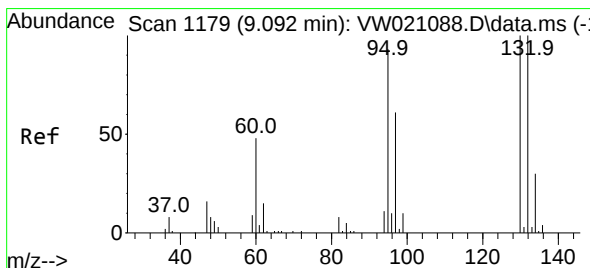
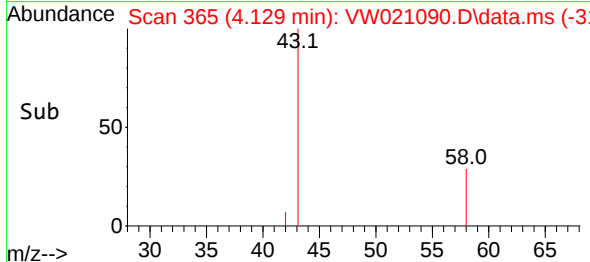
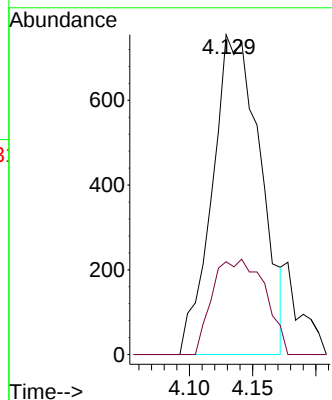
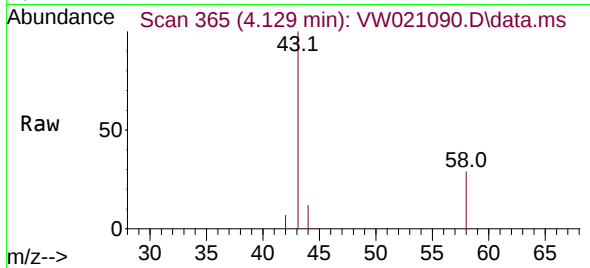
ClientSampleId :

Tgt Ion: 43 Resp: 1996

Ion Ratio Lower Upper

43 100

58 15.2 0.0 52.8



#34

Trichloroethene

Concen: 2.027 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW021090.D

Acq: 04 Dec 2021 02:28

Tgt Ion: 95 Resp: 2969

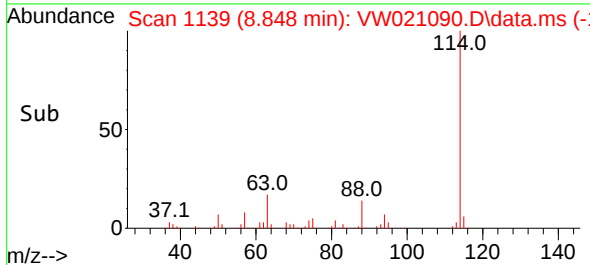
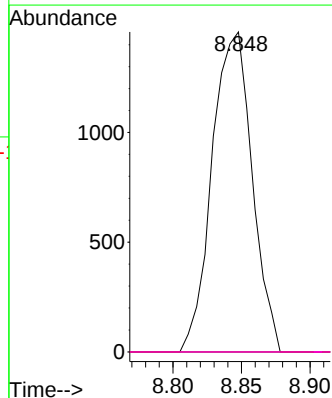
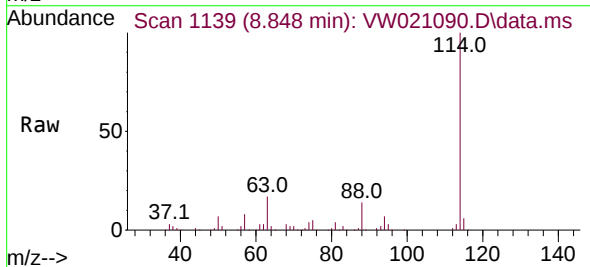
Ion Ratio Lower Upper

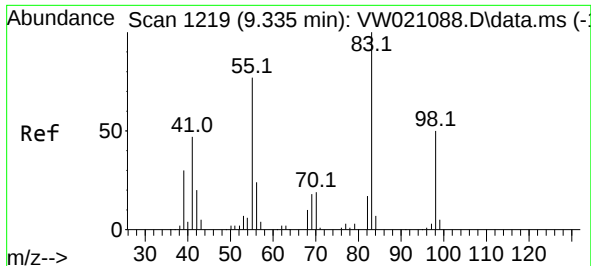
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 4.648 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021090.D

Acq: 04 Dec 2021 02:28

Instrument :

MSVOA_W

ClientSampleId :

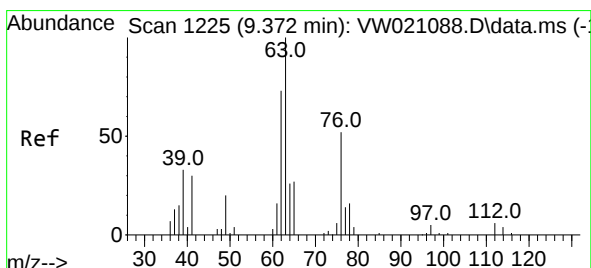
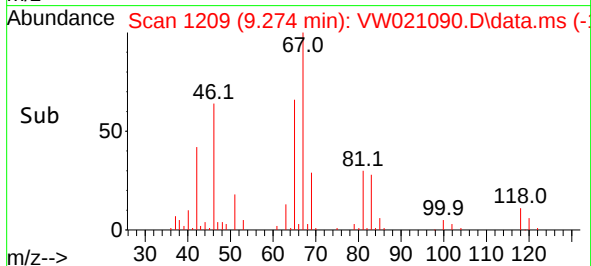
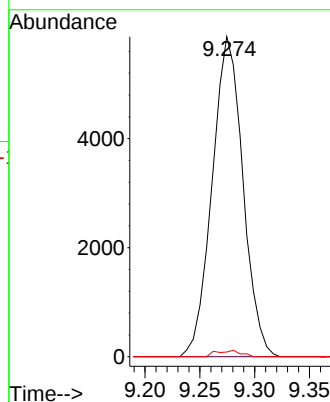
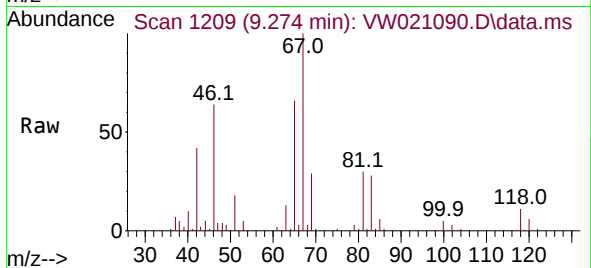
Tgt Ion: 83 Resp: 11461

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.0 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 4.680 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.098 min

Lab File: VW021090.D

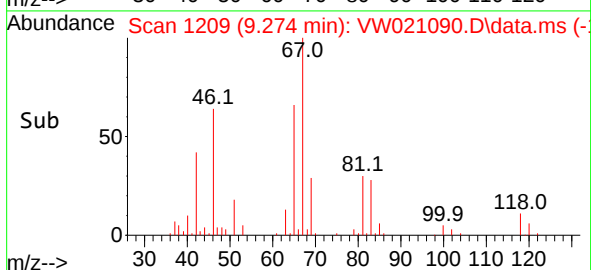
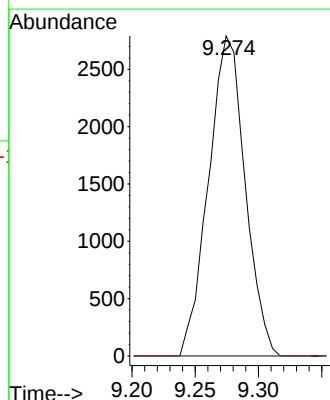
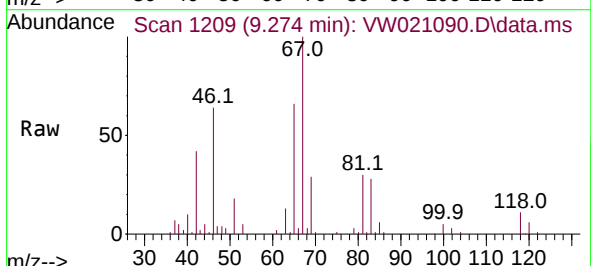
Acq: 04 Dec 2021 02:28

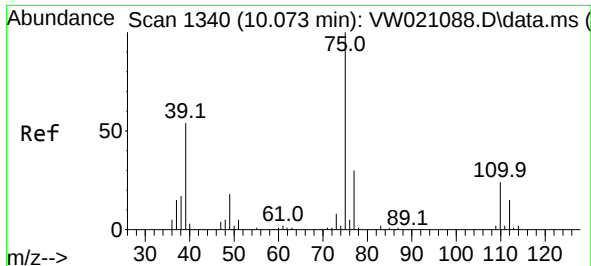
Tgt Ion: 63 Resp: 5617

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

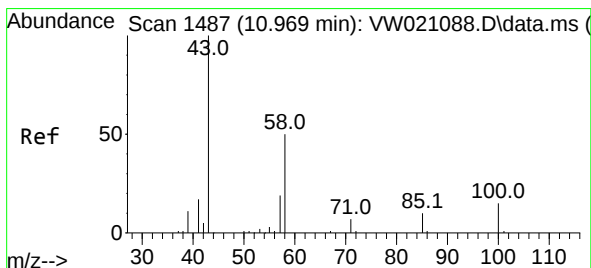
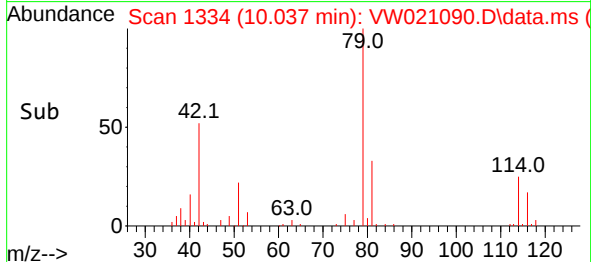
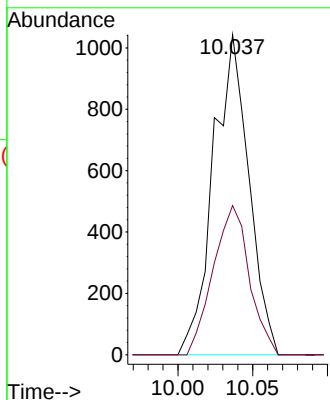
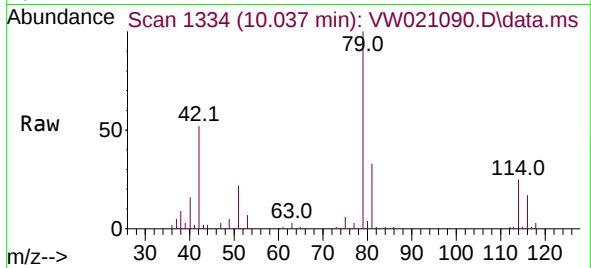




#39
 cis-1,3-Dichloropropene
 Concen: 0.887 ug/L
 RT: 10.037 min Scan# 11
 Delta R.T. -0.037 min
 Lab File: VW021090.D
 Acq: 04 Dec 2021 02:28

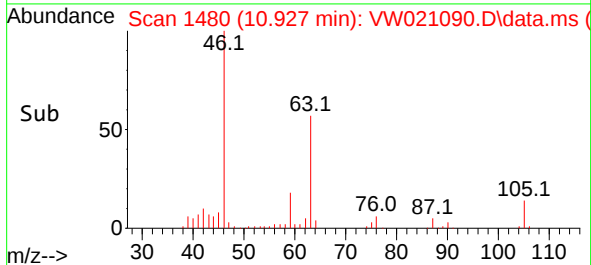
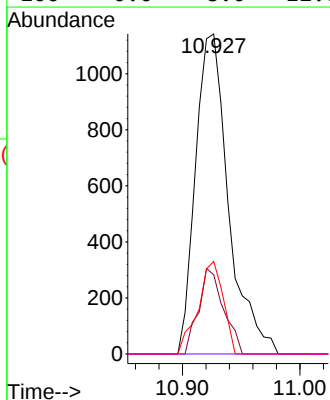
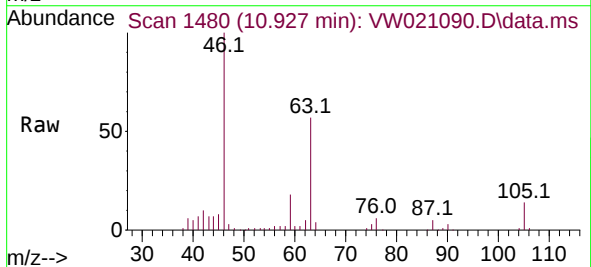
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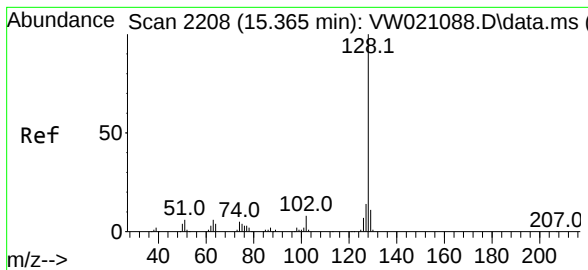
Tgt Ion: 75 Resp: 1722
 Ion Ratio Lower Upper
 75 100
 77 46.6 21.8 40.6#



#48
 2-Hexanone
 Concen: 3.786 ug/L
 RT: 10.927 min Scan# 1480
 Delta R.T. -0.043 min
 Lab File: VW021090.D
 Acq: 04 Dec 2021 02:28

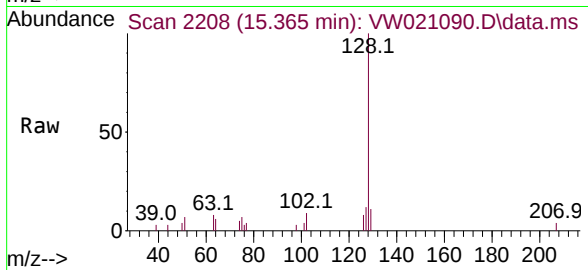
Tgt Ion: 43 Resp: 2233
 Ion Ratio Lower Upper
 43 100
 58 20.2 40.2 60.2#
 57 21.9 14.3 21.5#
 100 0.0 8.0 12.0#





#71
Naphthalene
Concen: 1.270 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021090.D
Acq: 04 Dec 2021 02:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	3987
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.7	16.1
129	9.8	8.6	12.8

