

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021177.D
 Acq On : 06 Dec 2021 18:23
 Operator : SY/VA
 Sample : M4888-06
 Misc : 5.74g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B3

Quant Time: Dec 07 01:52:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 01:47:32 2021
 Response via : Initial Calibration

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

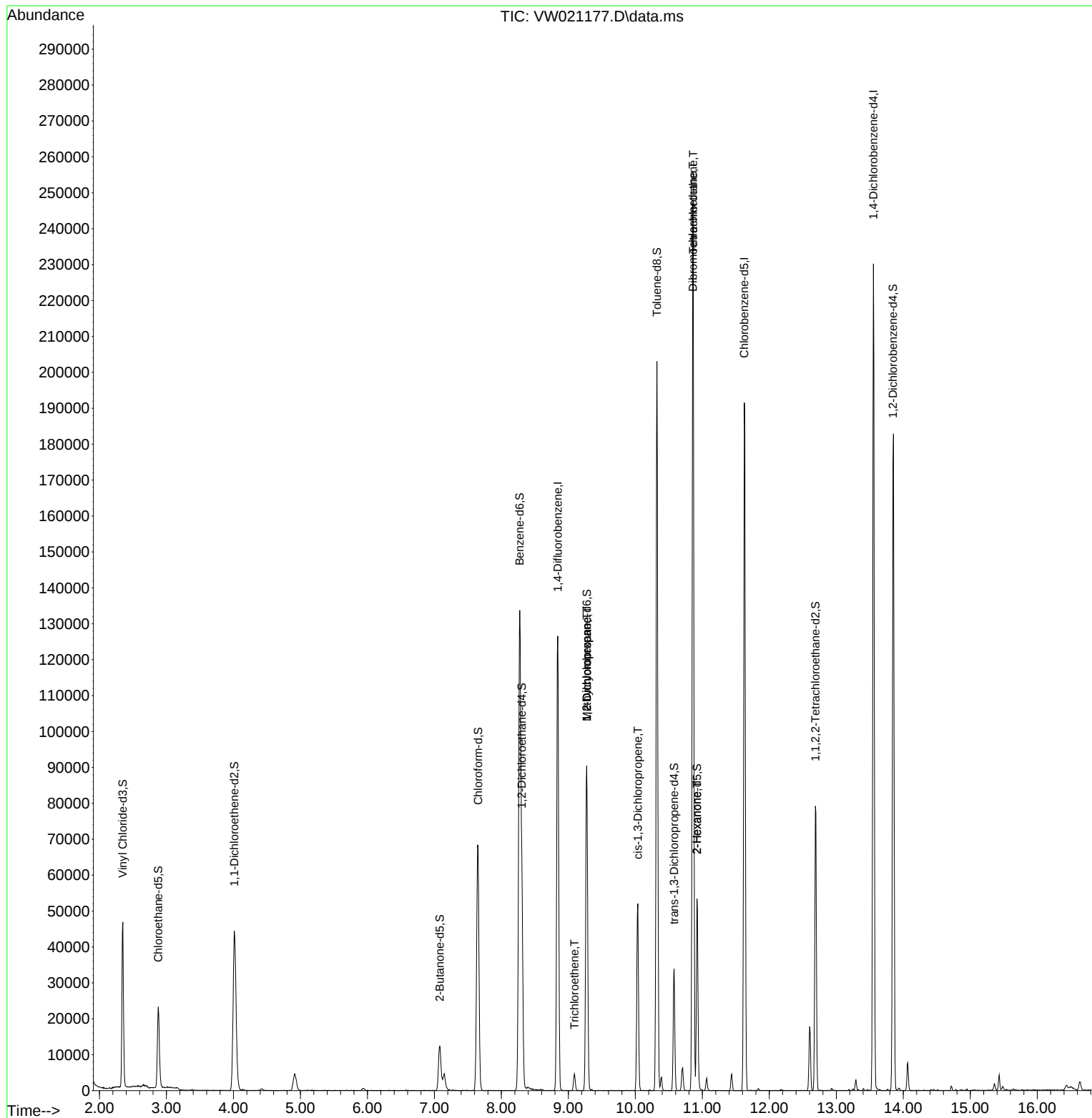
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	111562	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	104831	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	58938	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45368	29.188	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	116.760%	
7) Chloroethane-d5	2.879	69	26671	25.632	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	102.520%	
11) 1,1-Dichloroethene-d2	4.013	63	41294	16.630	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	66.520%	
21) 2-Butanone-d5	7.079	46	21214	59.835	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	119.680%	
24) Chloroform-d	7.652	84	67925	24.312	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	97.240%	
26) 1,2-Dichloroethane-d4	8.305	65	41404	27.088	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	108.360%	
32) Benzene-d6	8.274	84	133584	24.922	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	99.680%	
36) 1,2-Dichloropropane-d6	9.274	67	38448	25.812	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	103.240%	
41) Toluene-d8	10.323	98	128927	23.458	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	93.840%	
43) trans-1,3-Dichloroprop...	10.579	79	17555	25.955	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	103.800%	
47) 2-Hexanone-d5	10.920	63	17440	61.195	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	122.380%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36731	26.654	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	106.600%	
66) 1,2-Dichlorobenzene-d4	13.846	152	49191	23.294	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	93.160%	
Target Compounds						
					Qvalue	
34) Trichloroethene	9.091	95	1427	0.868	ug/L	89
35) Methylcyclohexane	9.274	83	10033	3.624	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	4987	3.701	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1572	0.721	ug/L #	81
46) Tetrachloroethene	10.865	164	52725	35.010	ug/L	97
48) 2-Hexanone	10.920	43	2456	3.709	ug/L #	66
49) Dibromochloromethane	10.859	129	44168	31.284	ug/L #	10

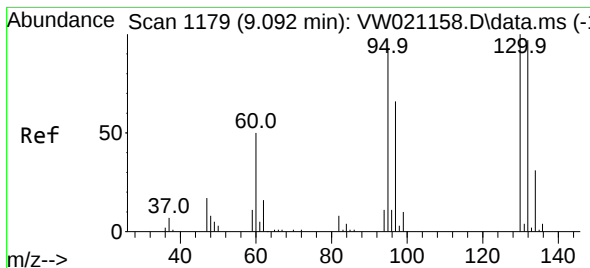
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.868 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021177.D

Acq: 06 Dec 2021 18:23

Instrument :

MSVOA_W

ClientSampleId :

EX8B3

Tgt Ion: 95 Resp: 1427

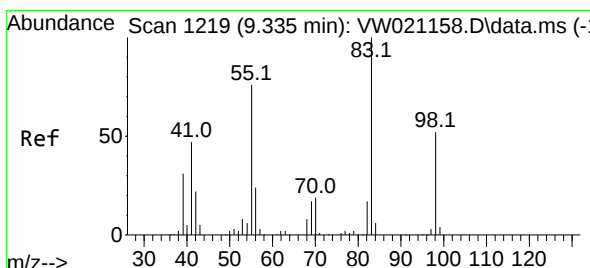
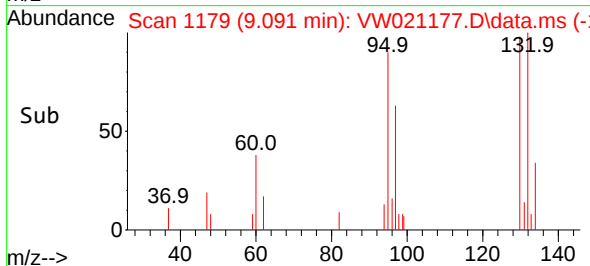
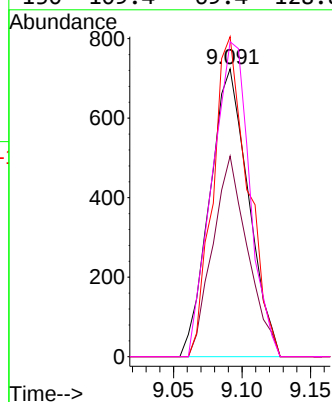
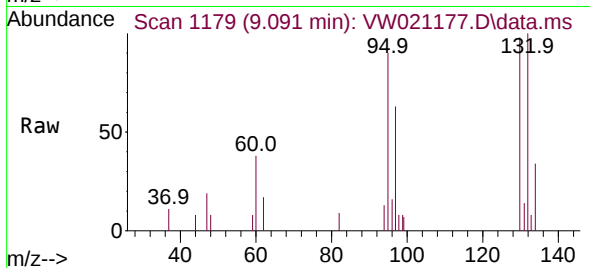
Ion Ratio Lower Upper

95 100

97 69.8 47.0 87.2

132 111.2 65.5 121.6

130 109.4 69.4 128.8



#35

Methylcyclohexane

Concen: 3.624 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021177.D

Acq: 06 Dec 2021 18:23

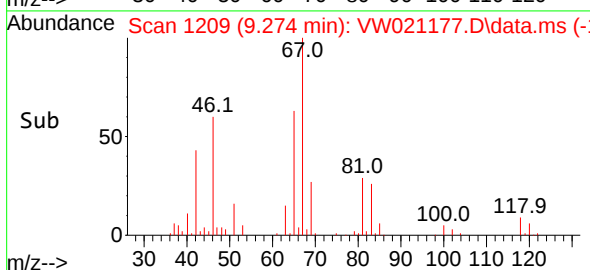
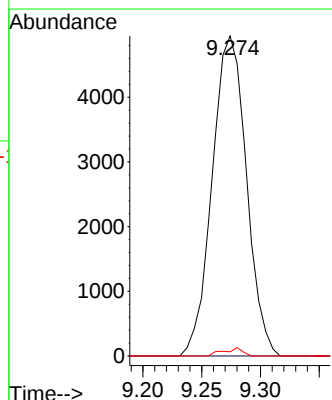
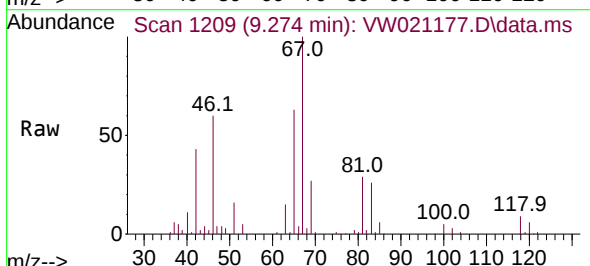
Tgt Ion: 83 Resp: 10033

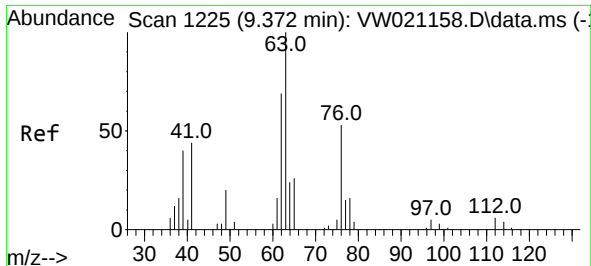
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 0.7 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.701 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021177.D

Acq: 06 Dec 2021 18:23

Instrument :

MSVOA_W

ClientSampleId :

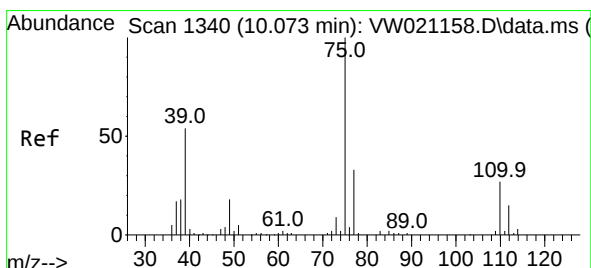
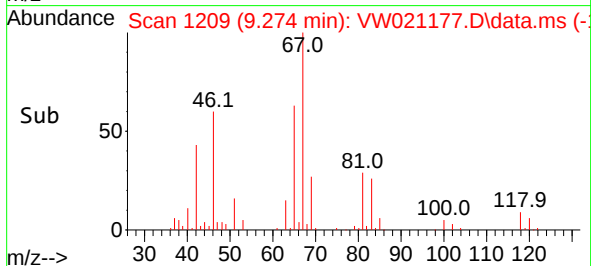
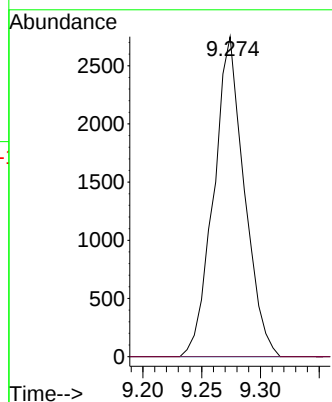
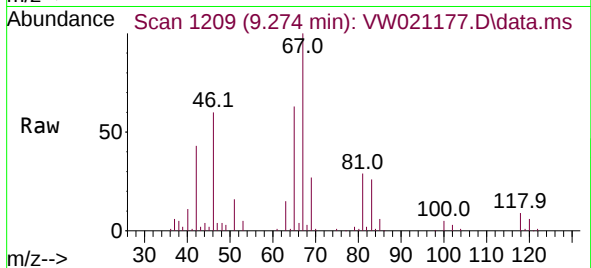
EX8B3

Tgt Ion: 63 Resp: 4987

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.721 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021177.D

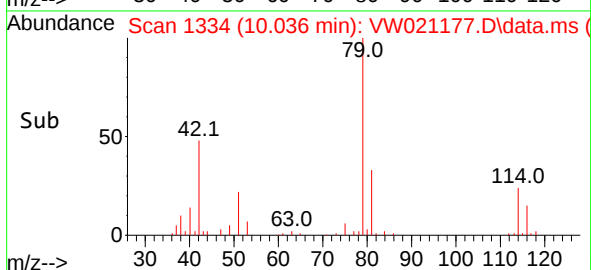
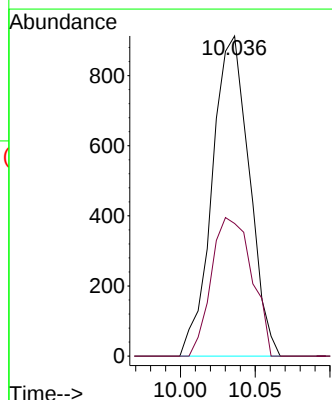
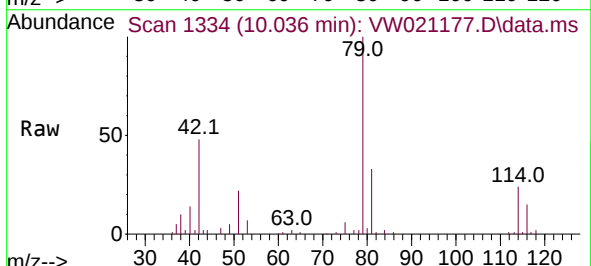
Acq: 06 Dec 2021 18:23

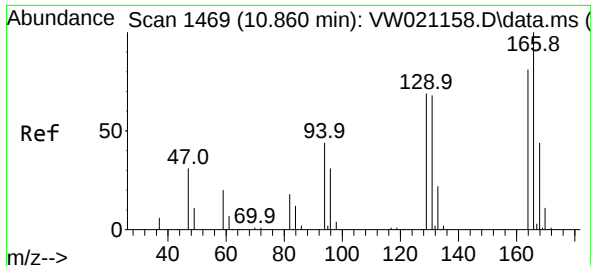
Tgt Ion: 75 Resp: 1572

Ion Ratio Lower Upper

75 100

77 41.4 21.8 40.6#

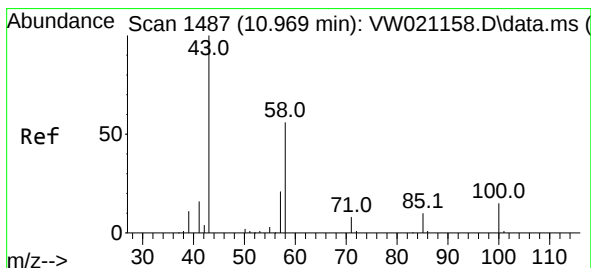
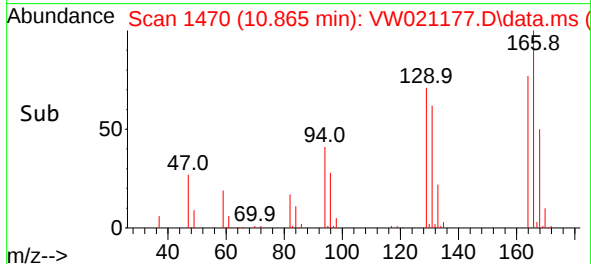
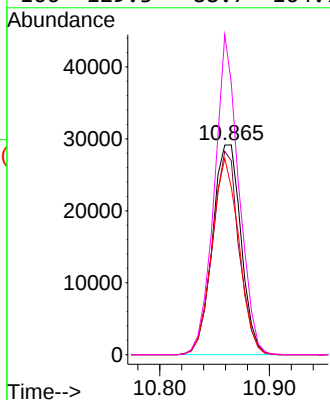
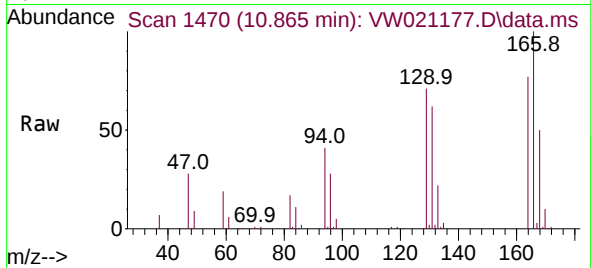




#46
Tetrachloroethene
Concen: 35.010 ug/L
RT: 10.865 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021177.D
Acq: 06 Dec 2021 18:23

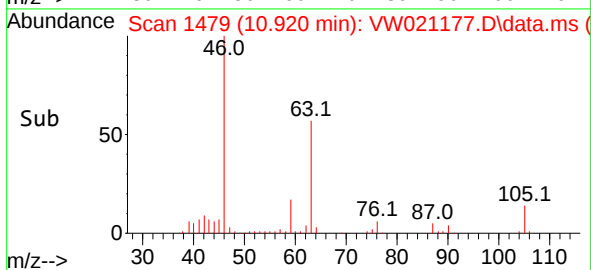
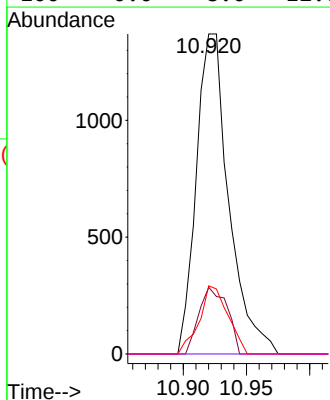
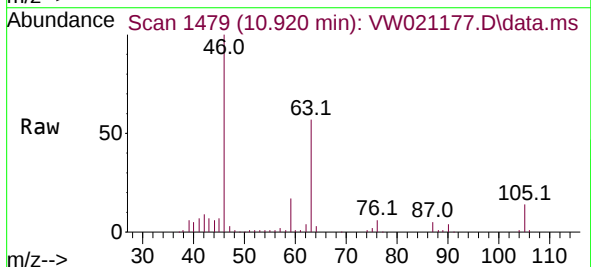
Instrument :
MSVOA_W
ClientSampleId :
EX8B3

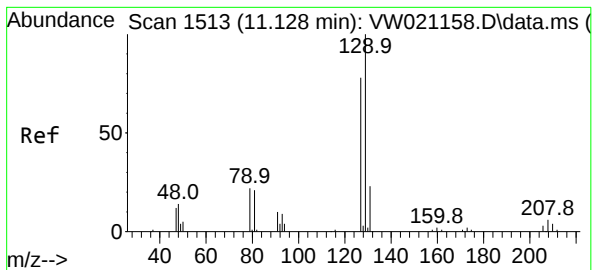
Tgt Ion:164 Resp: 52725
Ion Ratio Lower Upper
164 100
129 92.4 65.5 121.7
131 79.7 59.7 110.9
166 129.3 88.7 164.7



#48
2-Hexanone
Concen: 3.709 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021177.D
Acq: 06 Dec 2021 18:23

Tgt Ion: 43 Resp: 2456
Ion Ratio Lower Upper
43 100
58 18.1 40.2 60.2#
57 18.8 14.3 21.5
100 0.0 8.0 12.0#





#49
 Dibromochloromethane
 Concen: 31.284 ug/L
 RT: 10.859 min Scan# 14
 Delta R.T. -0.269 min
 Lab File: VW021177.D
 Acq: 06 Dec 2021 18:23

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B3

Tgt Ion:129 Resp: 44168
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.7 103.5#

