

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021287.D
 Acq On : 10 Dec 2021 16:12
 Operator : SY/VA
 Sample : M4960-12
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 22:09:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 22:05:53 2021
 Response via : Initial Calibration

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

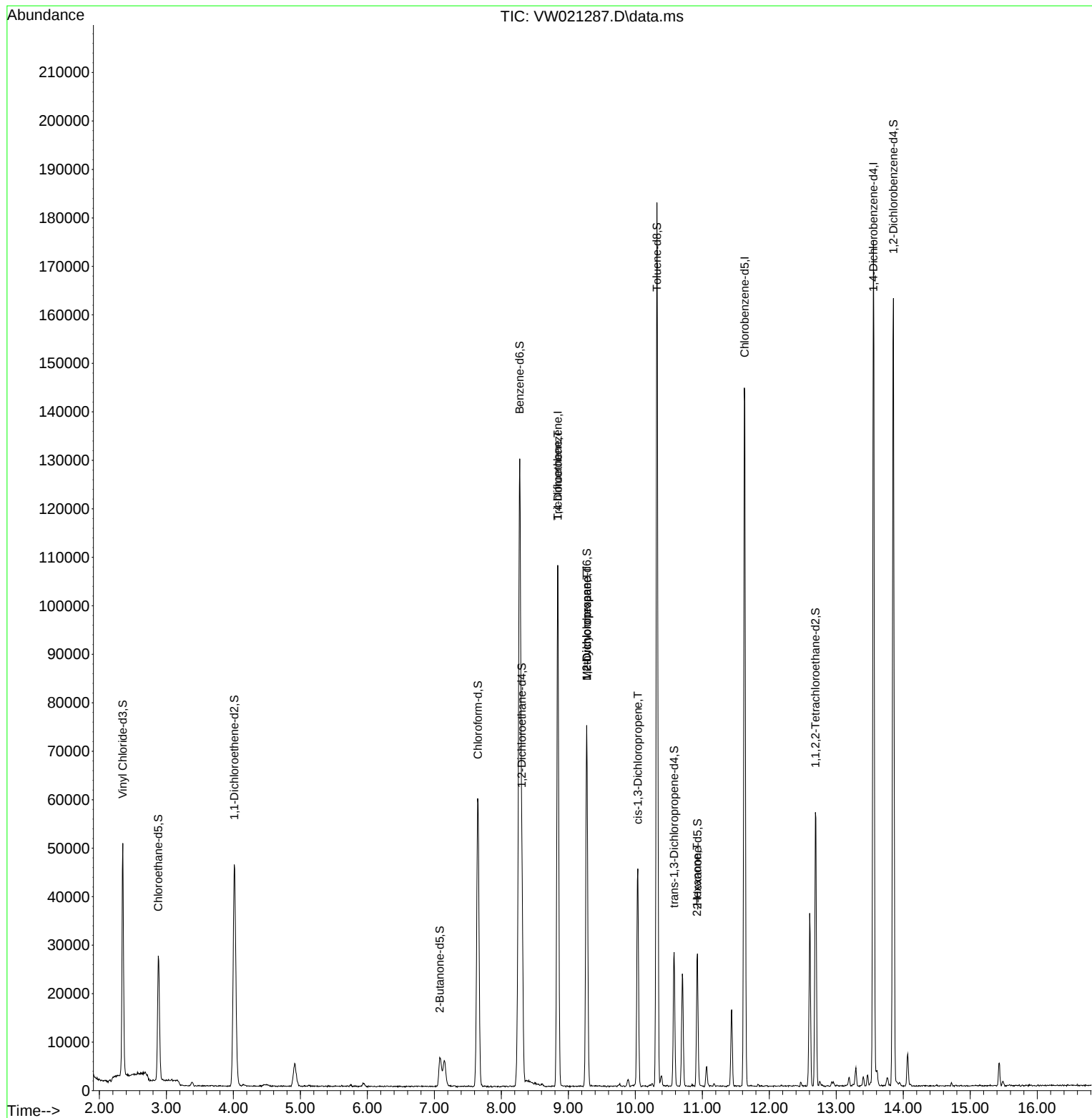
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	89762	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	83937	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	44335	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45049	27.556	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.240%			
7) Chloroethane-d5	2.879	69	29808	27.581	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.320%			
11) 1,1-Dichloroethene-d2	4.013	63	41758	19.159	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.640%			
21) 2-Butanone-d5	7.080	46	11164	48.446	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.900%			
24) Chloroform-d	7.653	84	59449	23.766	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.080%			
26) 1,2-Dichloroethane-d4	8.305	65	31730	23.846	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	8.275	84	118529	25.762	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.040%			
36) 1,2-Dichloropropane-d6	9.275	67	31767	25.745	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.000%			
41) Toluene-d8	10.323	98	116442	24.770	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.080%			
43) trans-1,3-Dichloroprop...	10.579	79	14278	25.131	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.520%			
47) 2-Hexanone-d5	10.927	63	8940	48.997	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.000%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	26073	24.581	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.320%			
66) 1,2-Dichlorobenzene-d4	13.853	152	42259	24.595	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.360%			
Target Compounds						Qvalue
34) Trichloroethene	8.842	95	2842	2.214	ug/L #	5
35) Methylcyclohexane	9.275	83	8635	4.078	ug/L #	14
37) 1,2-Dichloropropane	9.275	63	3968	3.891	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1293	0.804	ug/L #	52
48) 2-Hexanone	10.921	43	1161	2.881	ug/L #	67

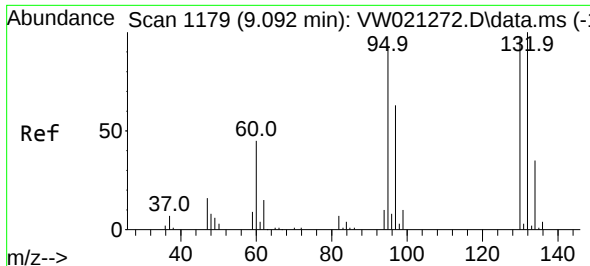
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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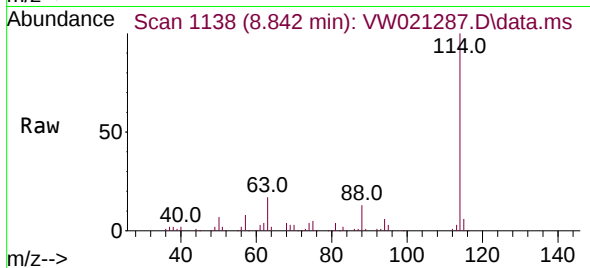
Quant Time: Dec 10 22:09:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 22:05:53 2021
Response via : Initial Calibration





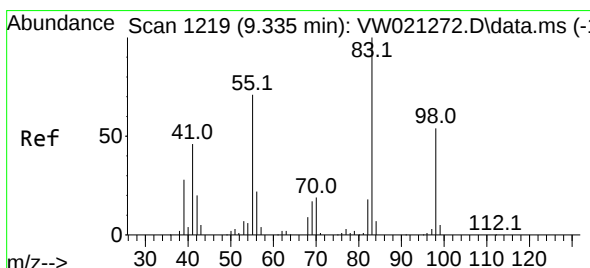
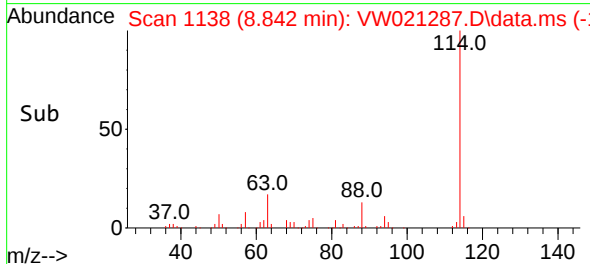
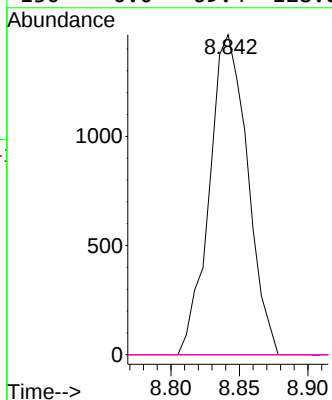
#34
Trichloroethene
Concen: 2.214 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021287.D
Acq: 10 Dec 2021 16:12

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 2842

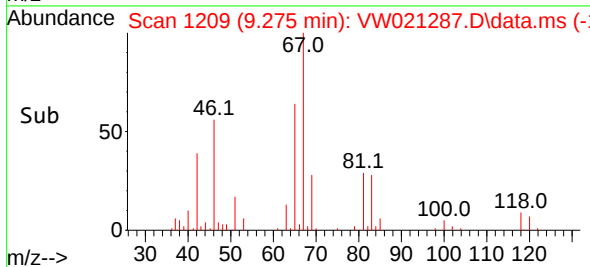
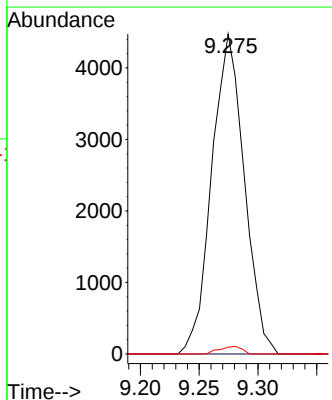
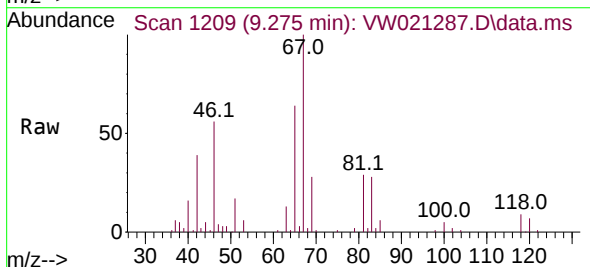
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#

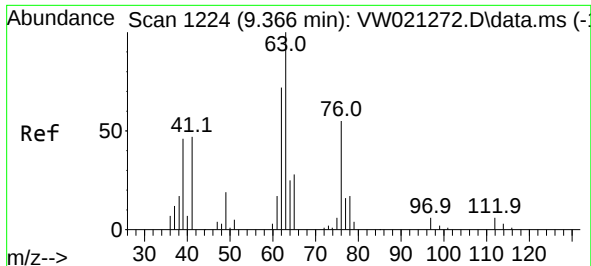


#35
Methylcyclohexane
Concen: 4.078 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021287.D
Acq: 10 Dec 2021 16:12

Tgt Ion: 83 Resp: 8635

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: 3.891 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021287.D

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Instrument :

MSVOA_W

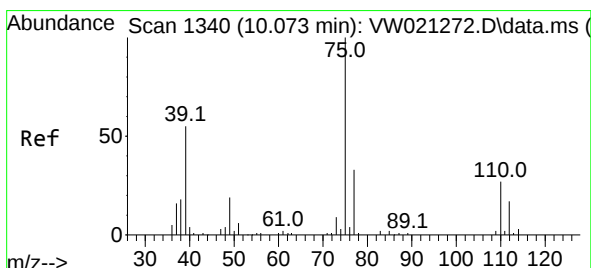
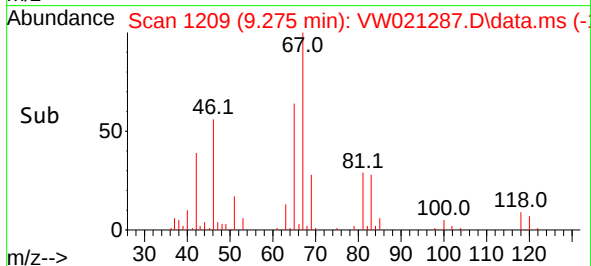
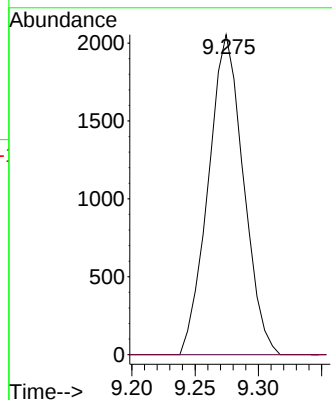
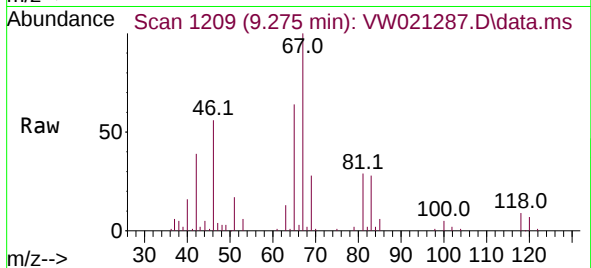
ClientSampleId :

Tgt Ion: 63 Resp: 3968

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.804 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021287.D

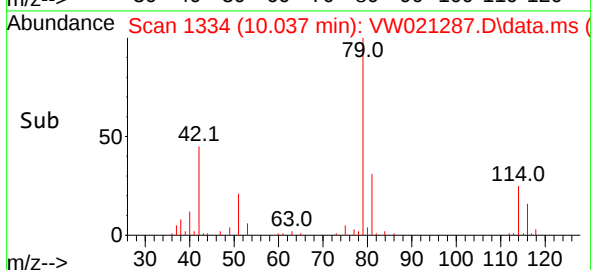
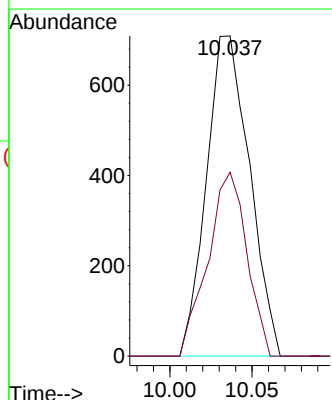
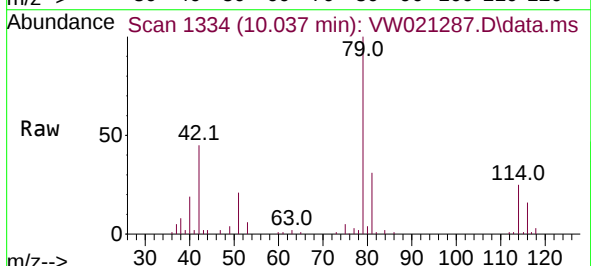
Acq: 10 Dec 2021 16:12

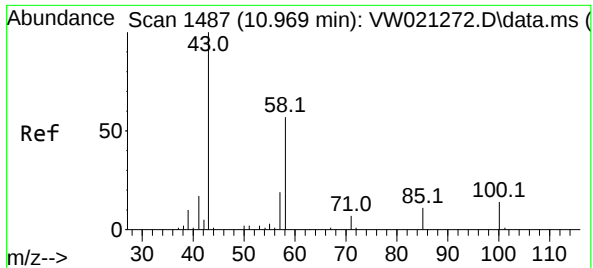
Tgt Ion: 75 Resp: 1293

Ion Ratio Lower Upper

75 100

77 57.4 21.8 40.6#





#48

2-Hexanone

Concen: 2.881 ug/L

RT: 10.921 min Scan# 14

Delta R.T. -0.049 min

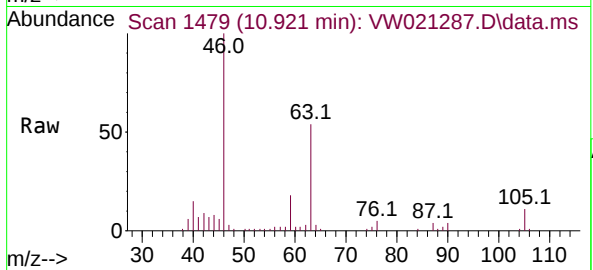
Lab File: VW021287.D

Acq: 10 Dec 2021 16:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 1161

Ion Ratio Lower Upper

43 100

58 23.7 40.2 60.2#

57 26.5 14.3 21.5#

100 0.0 8.0 12.0#

