

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021477.D
 Acq On : 18 Dec 2021 15:30
 Operator : SY/VA
 Sample : M5154-05
 Misc : 5.52g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:12:27 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)

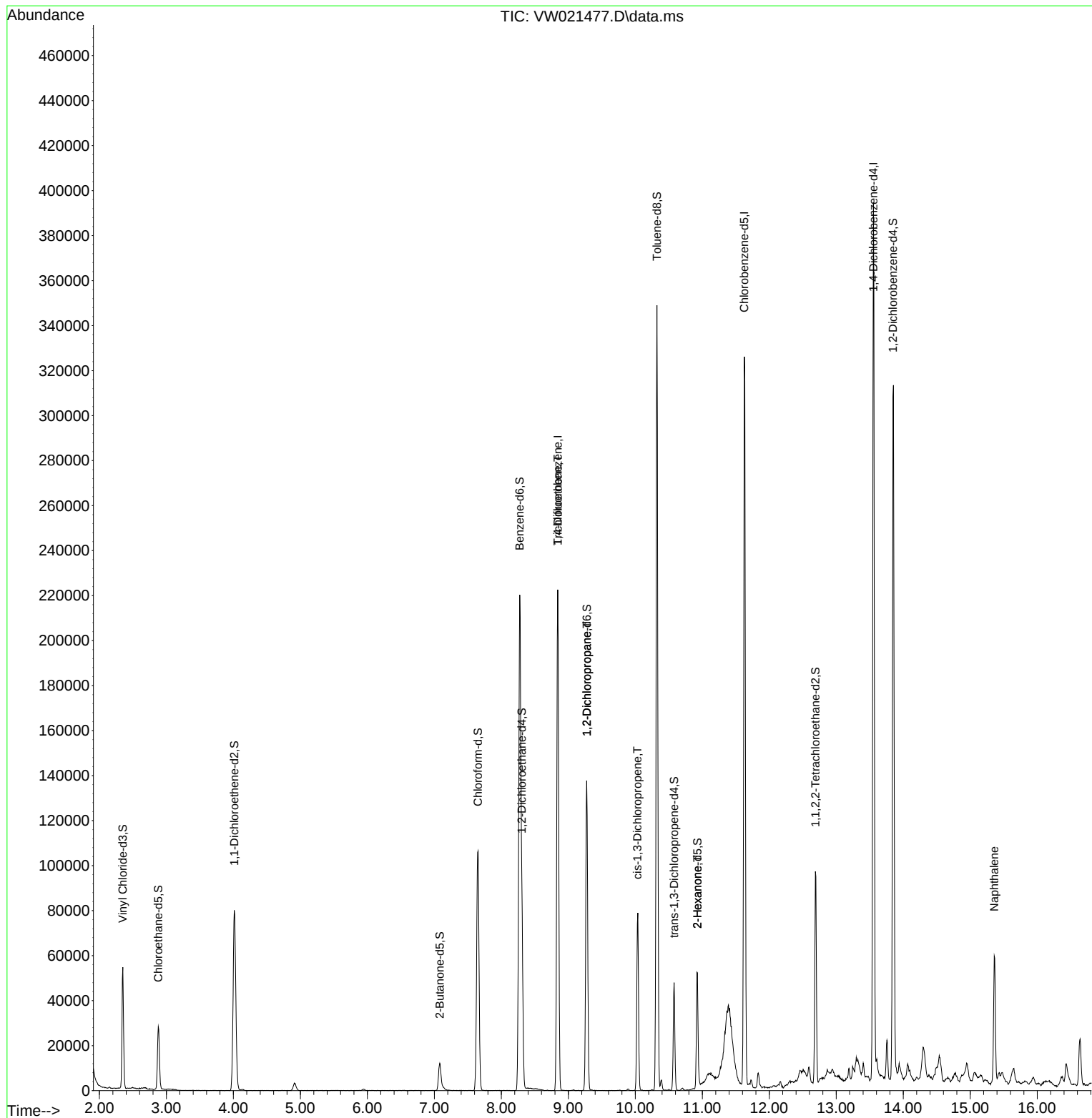
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	199073	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	189920	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	106429	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	52113	14.373	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.480%		
7) Chloroethane-d5	2.879	69	32734	13.657	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.640%		
11) 1,1-Dichloroethene-d2	4.013	63	75175	15.552	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.200%		
21) 2-Butanone-d5	7.080	46	20567	40.243	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.480%		
24) Chloroform-d	7.653	84	111049	20.017	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.080%		
26) 1,2-Dichloroethane-d4	8.305	65	58727	19.901	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.600%		
32) Benzene-d6	8.275	84	229418	22.038	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.160%		
36) 1,2-Dichloropropane-d6	9.274	67	62094	22.241	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.960%		
41) Toluene-d8	10.323	98	228486	21.481	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.920%		
43) trans-1,3-Dichloroprop...	10.579	79	25531	19.861	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.440%		
47) 2-Hexanone-d5	10.927	63	17895	43.346	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.700%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44157	18.399	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	73.600%		
66) 1,2-Dichlorobenzene-d4	13.847	152	86402	20.947	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.800%		
Target Compounds						Qvalue
34) Trichloroethene	8.842	95	5788	1.993	ug/L #	5
37) 1,2-Dichloropropane	9.274	63	7605	3.295	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	2225	0.612	ug/L #	70
48) 2-Hexanone	10.927	43	2366	2.595	ug/L #	65
71) Naphthalene	15.359	128	51803	7.776	ug/L	99

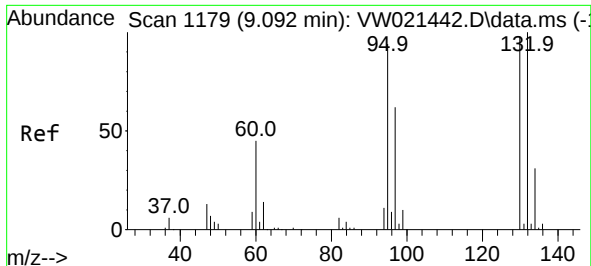
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

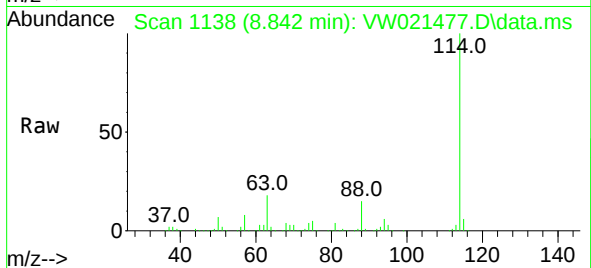
Quant Time: Dec 18 23:12:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration



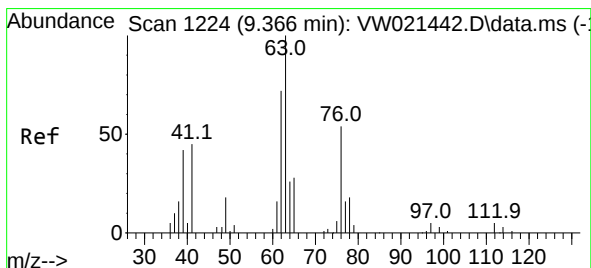
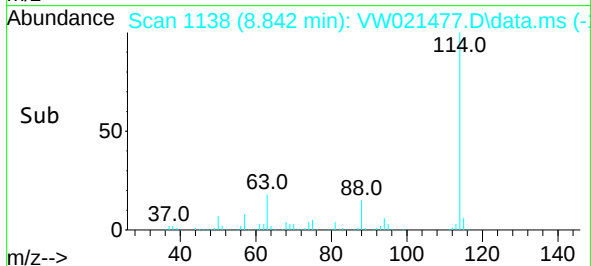
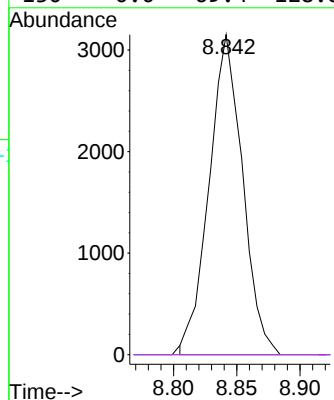


#34
Trichloroethene
Concen: 1.993 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021477.D
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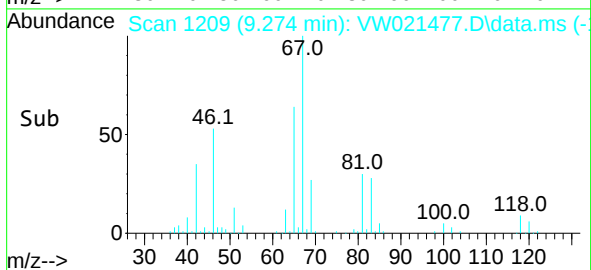
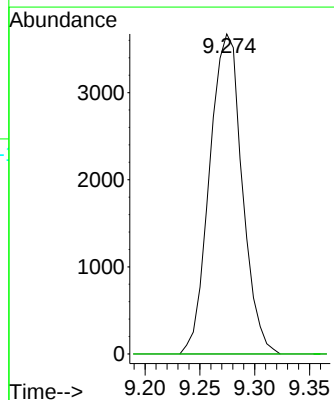
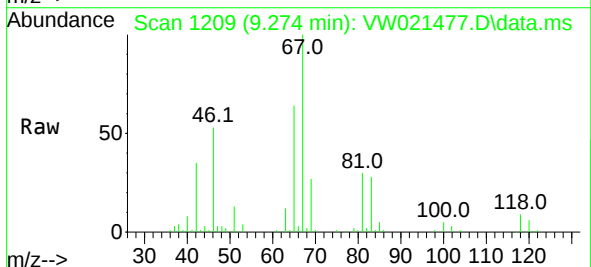


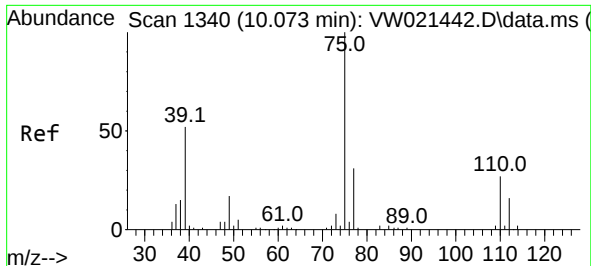
Tgt Ion: 95 Resp: 5788
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#37
1,2-Dichloropropane
Concen: 3.295 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021477.D
Acq: 18 Dec 2021 15:30

Tgt Ion: 63 Resp: 7605
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.612 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021477.D

Acq: 18 Dec 2021 15:30

Instrument :

MSVOA_W

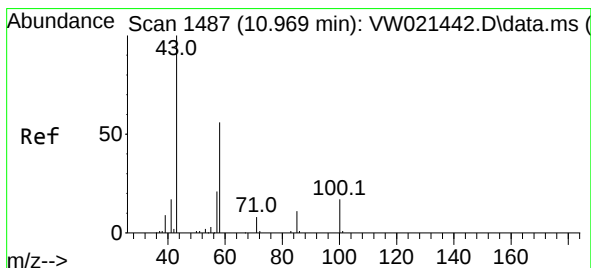
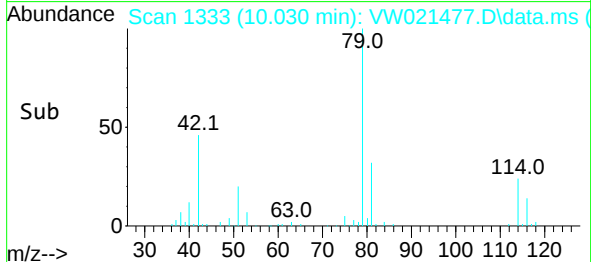
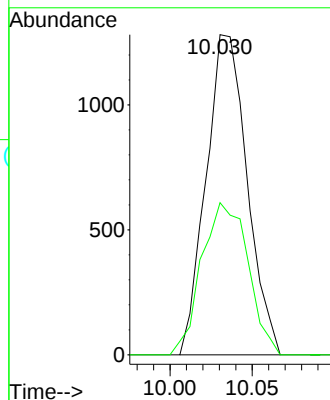
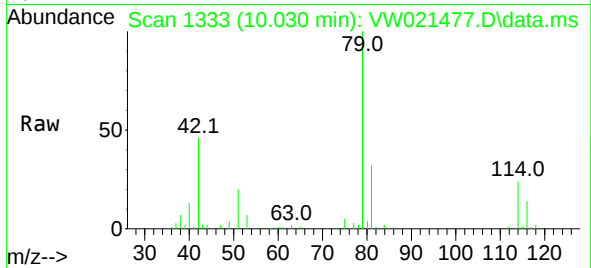
ClientSampleId :

Tgt Ion: 75 Resp: 2225

Ion Ratio Lower Upper

75 100

77 47.5 21.8 40.6#



#48

2-Hexanone

Concen: 2.595 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021477.D

Acq: 18 Dec 2021 15:30

Tgt Ion: 43 Resp: 2366

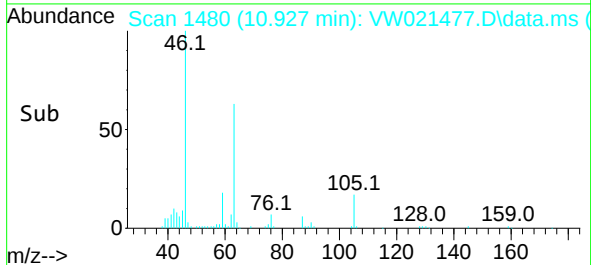
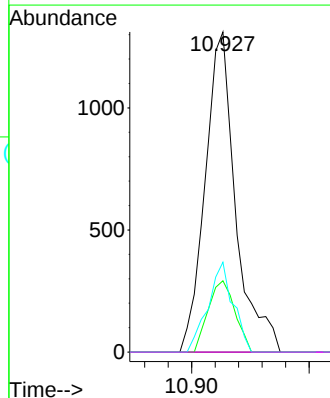
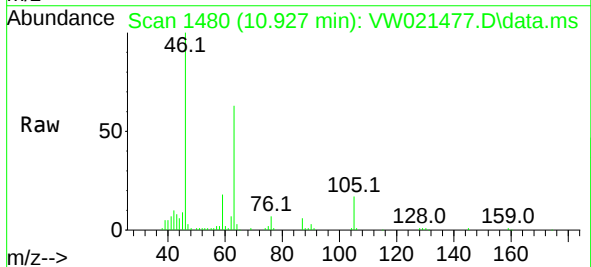
Ion Ratio Lower Upper

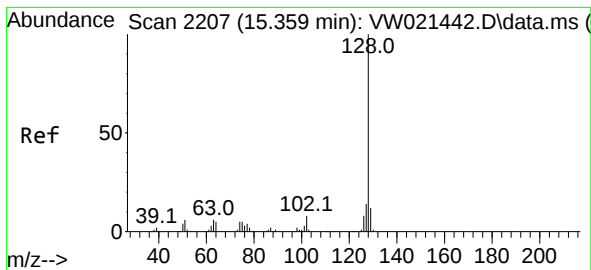
43 100

58 19.5 40.2 60.2#

57 23.1 14.3 21.5#

100 0.0 8.0 12.0#





#71

Naphthalene

Concen: 7.776 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

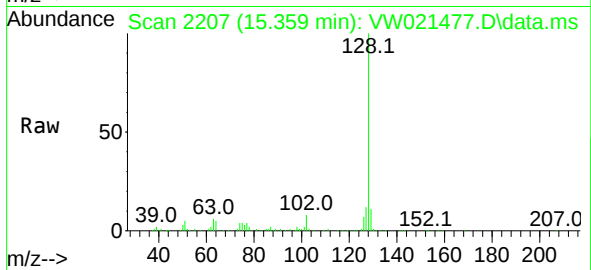
Lab File: VW021477.D

Acq: 18 Dec 2021 15:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 51803

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 11.0 8.6 12.8

