

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021589.D
 Acq On : 23 Dec 2021 02:30
 Operator : SY/VA
 Sample : M3213-13
 Misc : 6.34g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 03:41:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 02:55:43 2021
 Response via : Initial Calibration

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

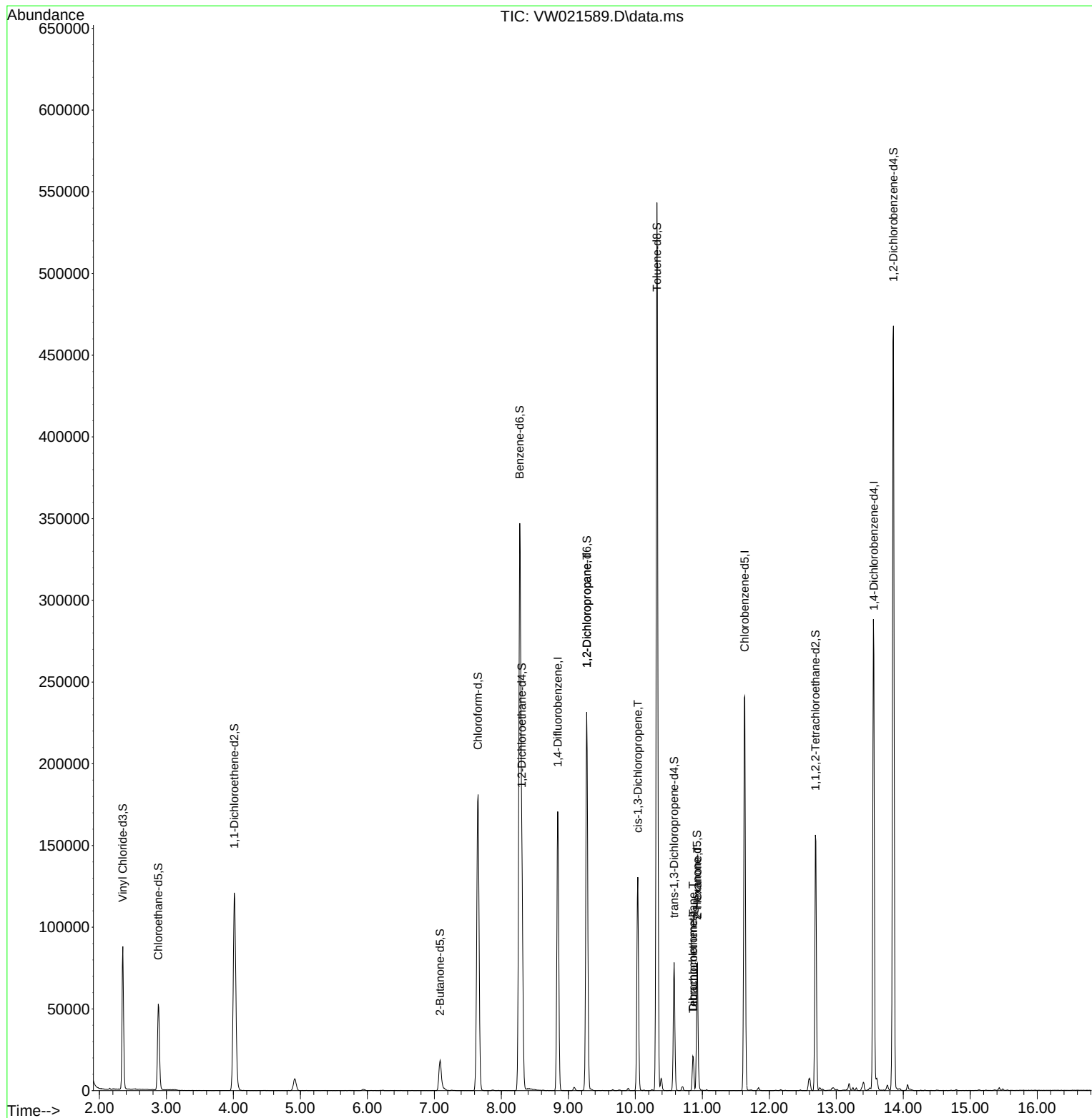
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	143704	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	139779	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	77640	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	82625	31.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.280%	
7) Chloroethane-d5	2.879	69	60109	34.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 138.960%	
11) 1,1-Dichloroethene-d2	4.013	63	111643	31.996	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 128.000%#	
21) 2-Butanone-d5	7.086	46	30807	83.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 167.000%#	
24) Chloroform-d	7.653	84	182399	45.546	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 182.200%#	
26) 1,2-Dichloroethane-d4	8.305	65	96038	45.084	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 180.320%#	
32) Benzene-d6	8.275	84	350746	45.779	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 183.120%#	
36) 1,2-Dichloropropane-d6	9.275	67	96459	46.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 187.760%#	
41) Toluene-d8	10.323	98	357362	45.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 182.600%#	
43) trans-1,3-Dichloroprop...	10.579	79	41048	43.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 173.560%#	
47) 2-Hexanone-d5	10.921	63	26552	87.386	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 174.780%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	70808	40.086	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 160.360%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	125238	41.621	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 166.480%#	
Target Compounds						Qvalue
37) 1,2-Dichloropropane	9.275	63	12835	7.557	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	3485	1.302	ug/L	# 68
46) Tetrachloroethene	10.866	164	5048	2.486	ug/L	93
48) 2-Hexanone	10.927	43	3236	4.822	ug/L	# 68
49) Dibromochloromethane	10.860	129	4249	2.479	ug/L	# 10

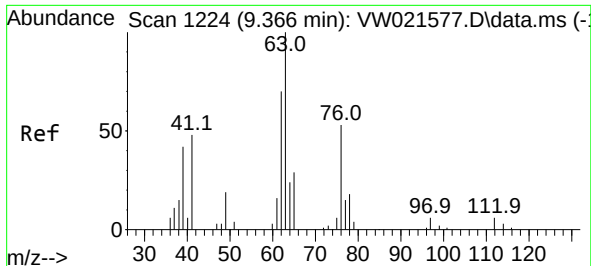
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 23 02:55:43 2021
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 7.557 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021589.D

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Instrument :

MSVOA_W

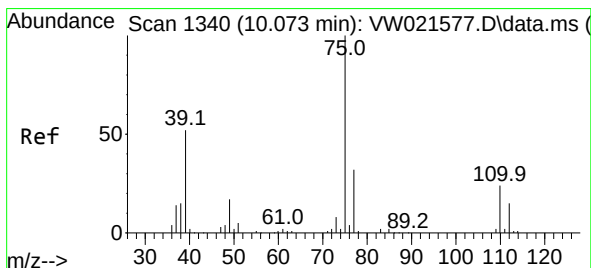
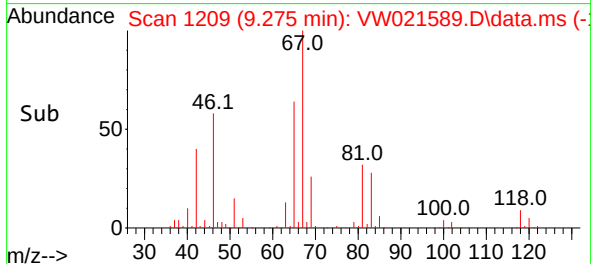
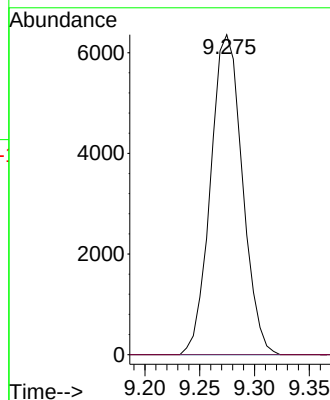
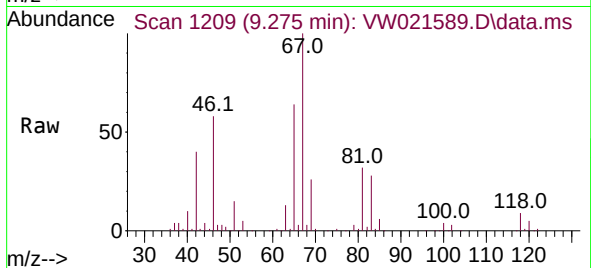
ClientSampleId :

Tgt Ion: 63 Resp: 12835

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 1.302 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021589.D

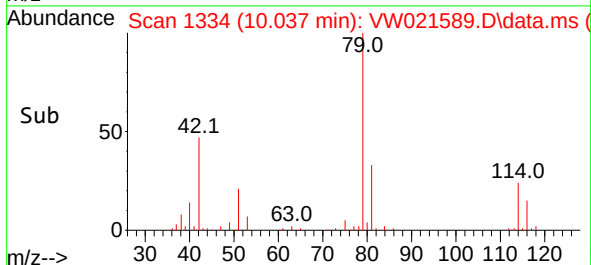
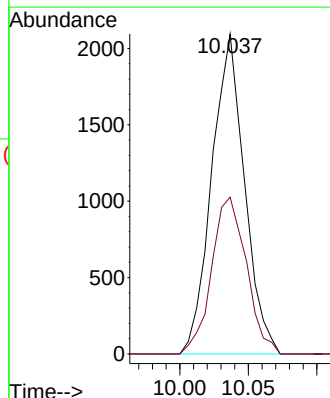
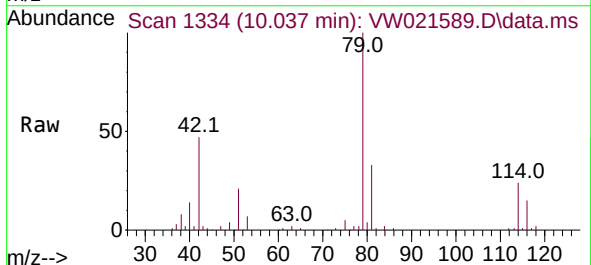
Acq: 23 Dec 2021 02:30

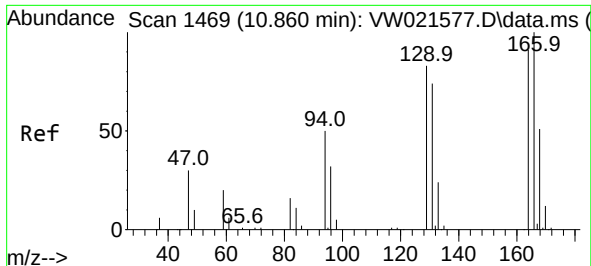
Tgt Ion: 75 Resp: 3485

Ion Ratio Lower Upper

75 100

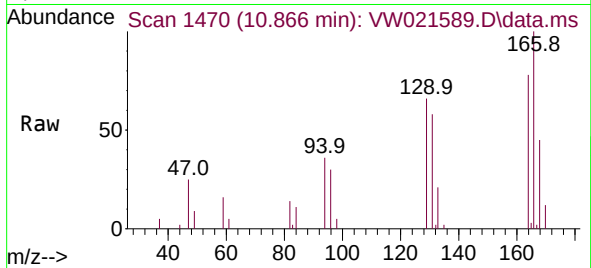
77 49.0 21.8 40.6#



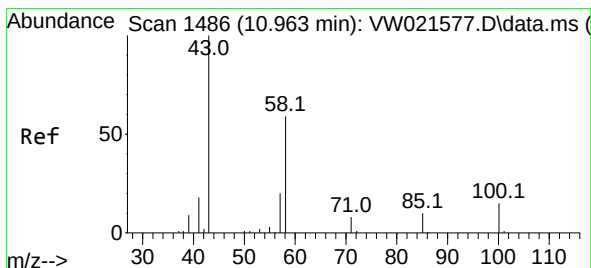
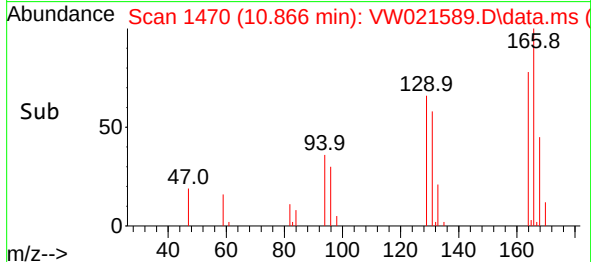
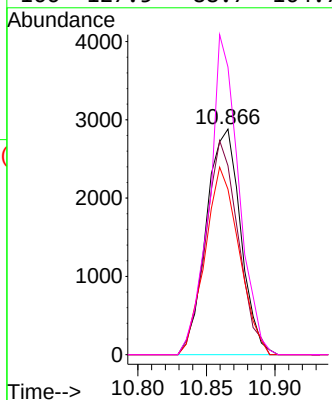


#46
Tetrachloroethene
Concen: 2.486 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021589.D
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Instrument :
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ClientSampleId :

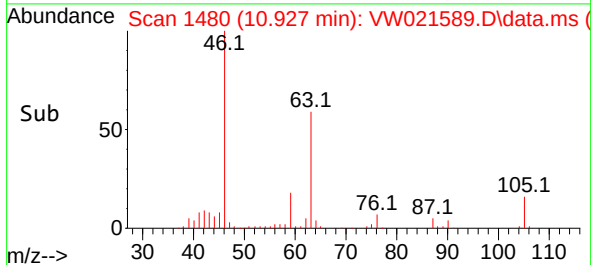
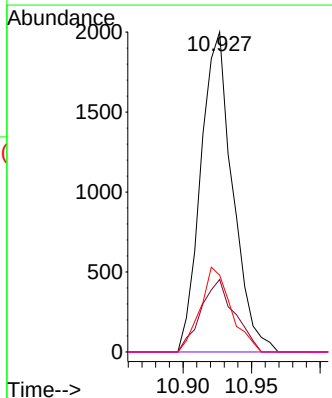
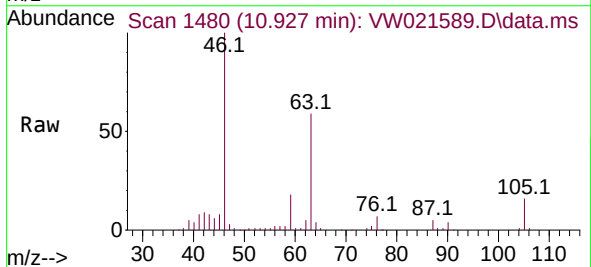


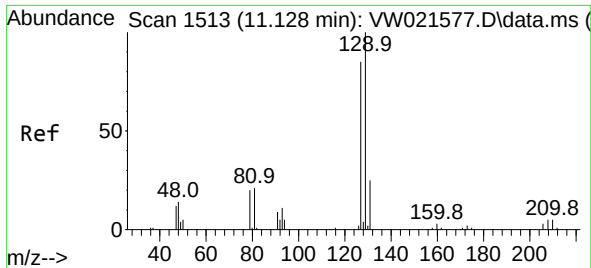
Tgt Ion:164 Resp: 5048
Ion Ratio Lower Upper
164 100
129 83.7 65.5 121.7
131 73.3 59.7 110.9
166 127.5 88.7 164.7



#48
2-Hexanone
Concen: 4.822 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.037 min
Lab File: VW021589.D
Acq: 23 Dec 2021 02:30

Tgt Ion: 43 Resp: 3236
Ion Ratio Lower Upper
43 100
58 23.9 40.2 60.2#
57 25.5 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 2.479 ug/L

RT: 10.860 min Scan# 14

Delta R.T. -0.268 min

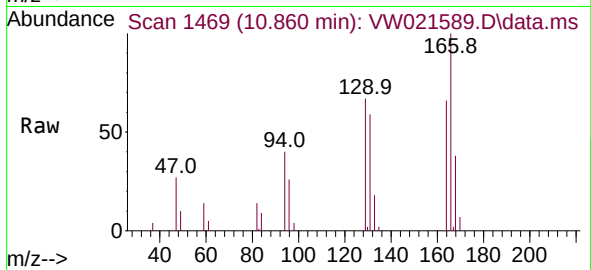
Lab File: VW021589.D

Acq: 23 Dec 2021 02:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:129 Resp: 4249

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#

