

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021657.D
 Acq On : 25 Dec 2021 19:46
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:42:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

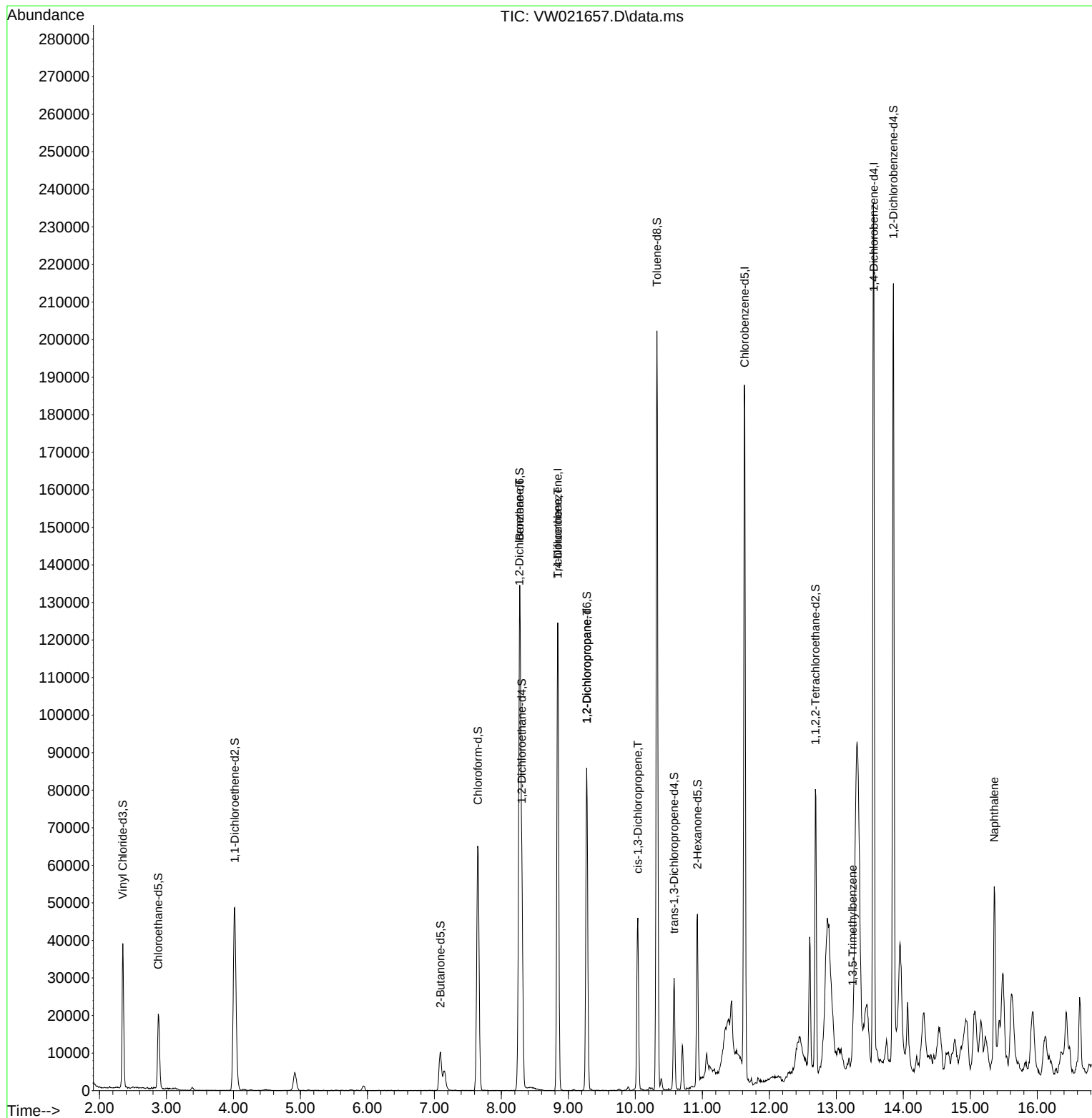
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	107415	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	106720	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65615	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	37535	19.187	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.760%
7) Chloroethane-d5	2.879	69	23332	18.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.160%
11) 1,1-Dichloroethene-d2	4.019	63	47489	18.208	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.840%
21) 2-Butanone-d5	7.092	46	18093	65.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.220%
24) Chloroform-d	7.653	84	67805	22.651	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	8.305	65	39086	24.547	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.274	84	132899	22.719	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.880%
36) 1,2-Dichloropropane-d6	9.274	67	36531	23.286	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.160%
41) Toluene-d8	10.323	98	132802	22.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	10.579	79	15859	21.955	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.800%
47) 2-Hexanone-d5	10.926	63	15646	67.444	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.880%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	35122	26.043	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	55704	21.905	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.640%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.268	62	869	0.523	ug/L	# 77
34) Trichloroethene	8.841	95	3299	2.021	ug/L	# 5
37) 1,2-Dichloropropane	9.274	63	4579	3.531	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1346	0.658	ug/L	88
62) 1,3,5-Trimethylbenzene	13.243	105	2789	0.368	ug/L	98
71) Naphthalene	15.359	128	44004	10.713	ug/L	98

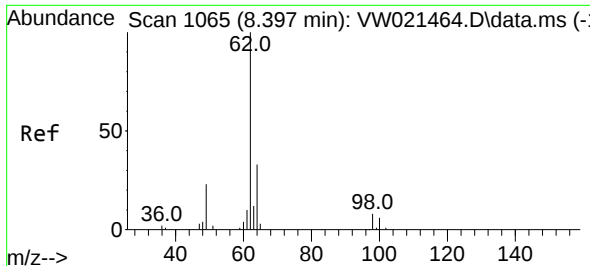
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.523 ug/L

RT: 8.268 min Scan# 110

Delta R.T. -0.134 min

Lab File: VW021657.D

Acq: 25 Dec 2021 19:46

Instrument :

MSVOA_W

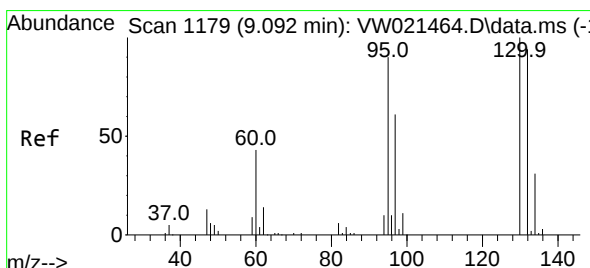
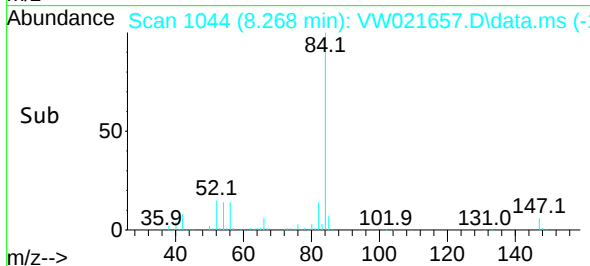
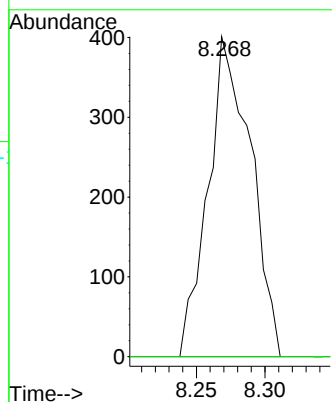
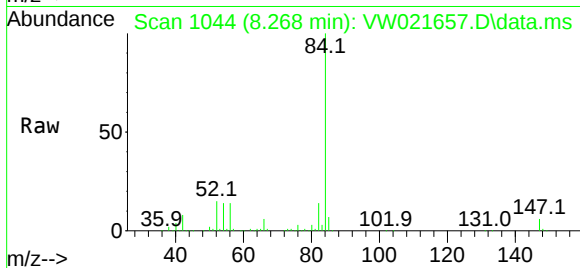
ClientSampleId :

Tgt Ion: 62 Resp: 869

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 2.021 ug/L

RT: 8.841 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021657.D

Acq: 25 Dec 2021 19:46

Tgt Ion: 95 Resp: 3299

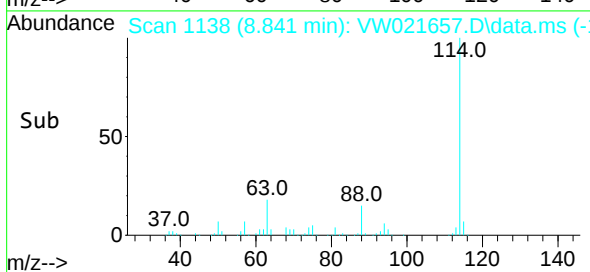
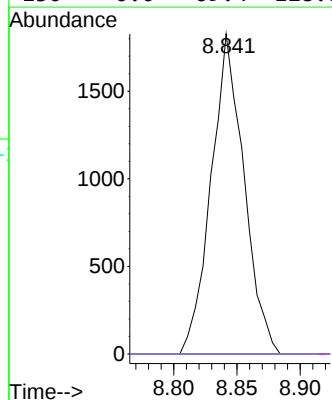
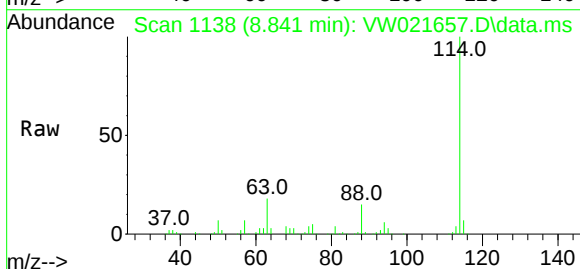
Ion Ratio Lower Upper

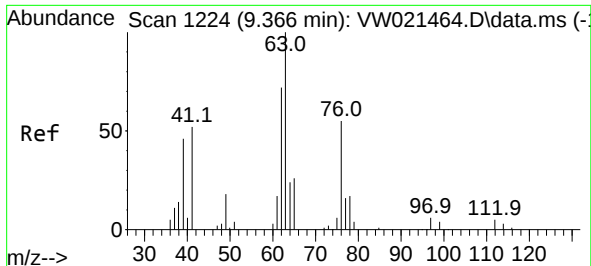
95 100

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: 3.531 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021657.D

Acq: 25 Dec 2021 19:46

Instrument :

MSVOA_W

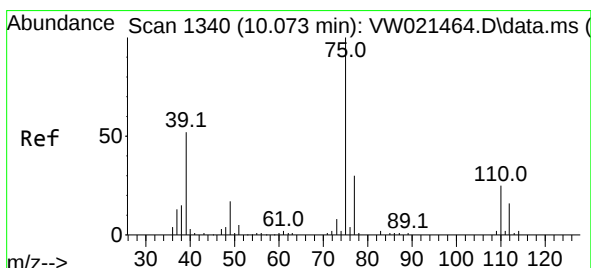
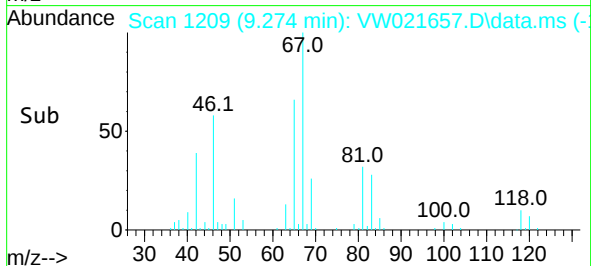
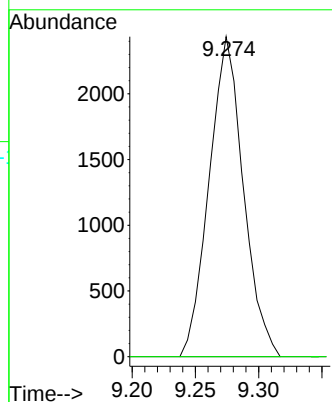
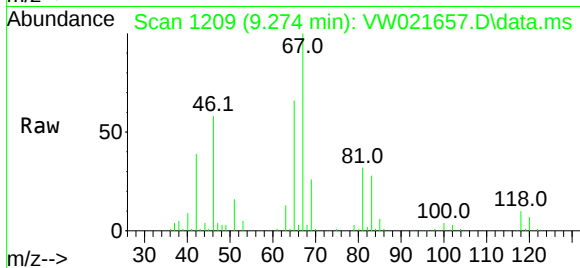
ClientSampleId :

Tgt Ion: 63 Resp: 4579

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.658 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021657.D

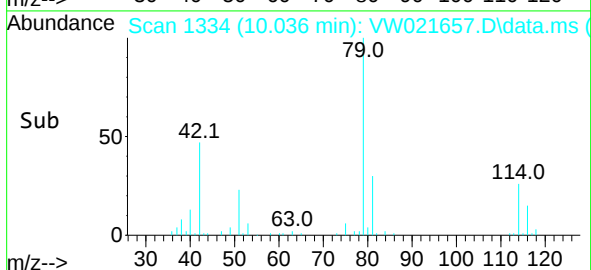
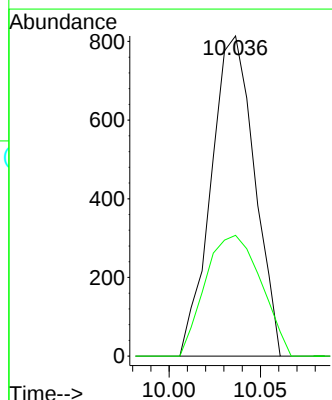
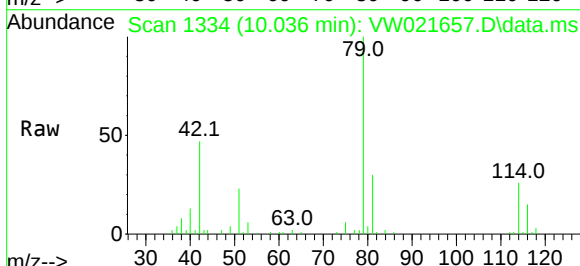
Acq: 25 Dec 2021 19:46

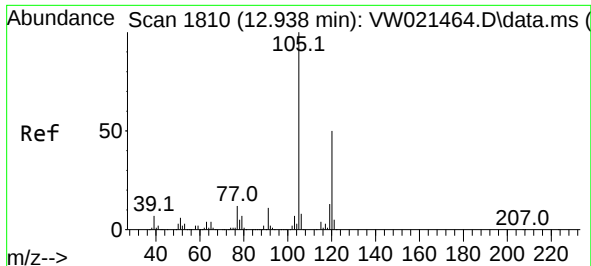
Tgt Ion: 75 Resp: 1346

Ion Ratio Lower Upper

75 100

77 37.7 21.8 40.6





#62

1,3,5-Trimethylbenzene

Concen: 0.368 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. 0.305 min

Lab File: VW021657.D

Acq: 25 Dec 2021 19:46

Instrument :

MSVOA_W

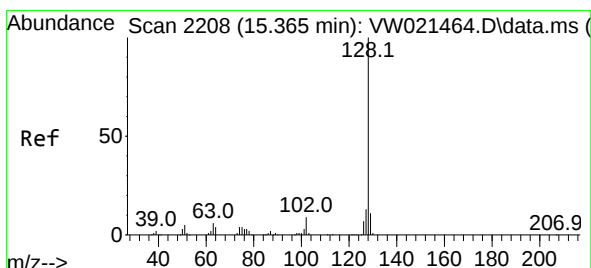
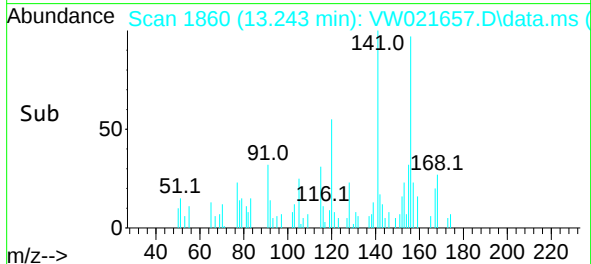
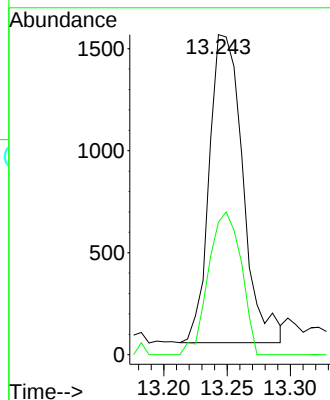
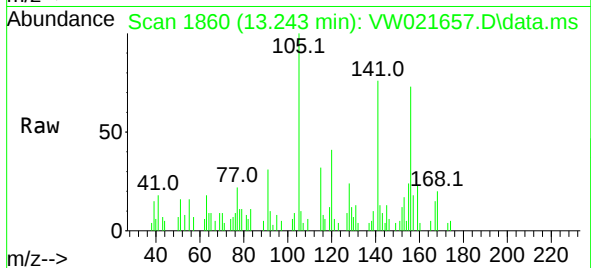
ClientSampleId :

Tgt Ion:105 Resp: 2789

Ion Ratio Lower Upper

105 100

120 45.1 37.4 56.2



#71

Naphthalene

Concen: 10.713 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW021657.D

Acq: 25 Dec 2021 19:46

Tgt Ion:128 Resp: 44004

Ion Ratio Lower Upper

128 100

127 14.1 10.7 16.1

129 11.2 8.6 12.8

