

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110921\
 Data File : VW020823.D
 Acq On : 09 Nov 2021 15:34
 Operator : SY/VA
 Sample : M4464-21
 Misc : 5.02g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK002

Quant Time: Nov 10 04:13:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 10 04:11:42 2021
 Response via : Initial Calibration

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

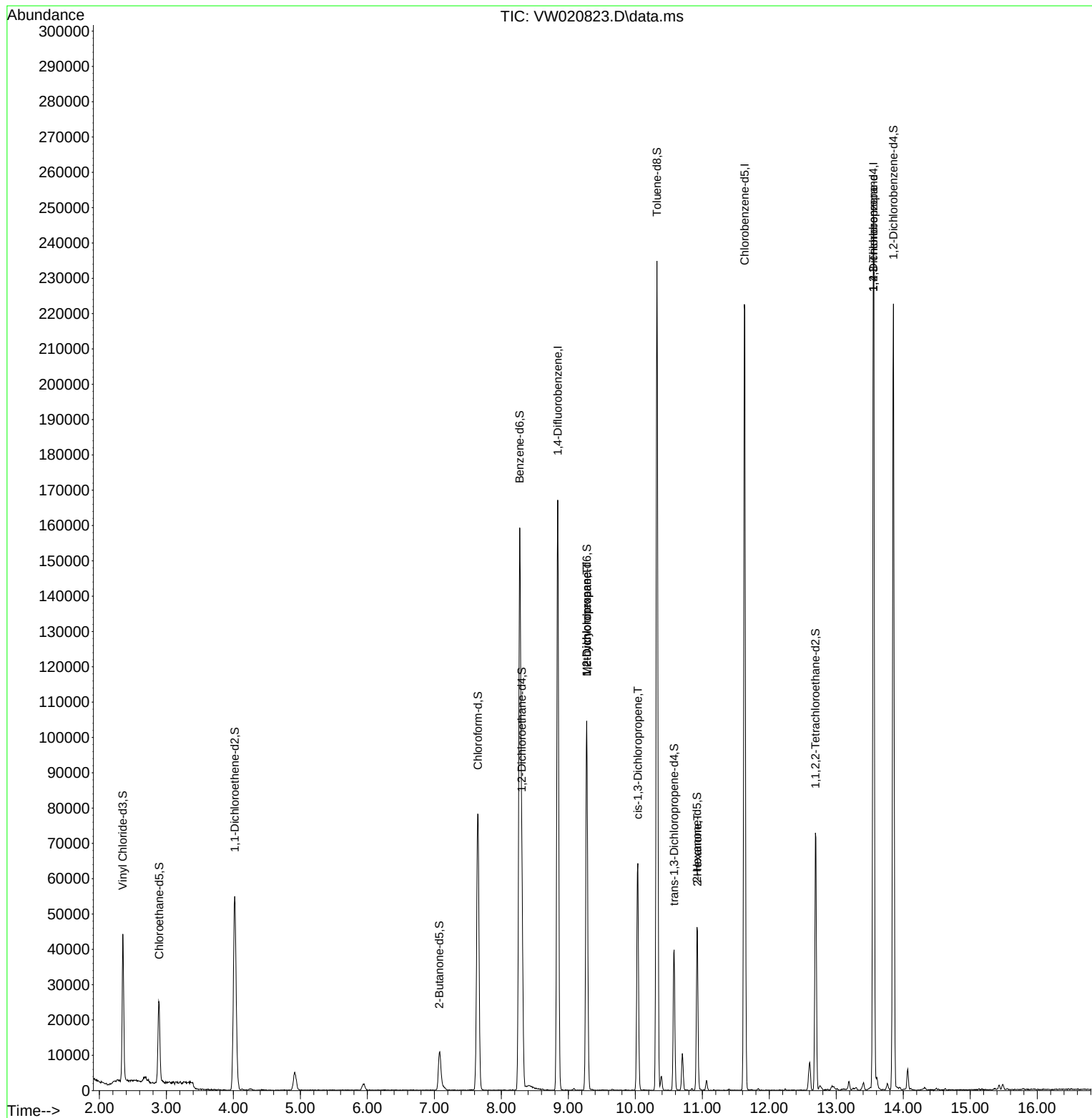
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	142392	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	128451	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	69111	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38768	28.957	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.840%			
7) Chloroethane-d5	2.891	69	25065	32.880	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 131.520%			
11) 1,1-Dichloroethene-d2	4.019	63	51725	18.407	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.640%			
21) 2-Butanone-d5	7.074	46	19287	43.379	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.760%			
24) Chloroform-d	7.653	84	79124	25.008	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.040%			
26) 1,2-Dichloroethane-d4	8.305	65	42331	25.133	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.520%			
32) Benzene-d6	8.275	84	158142	27.249	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.000%			
36) 1,2-Dichloropropane-d6	9.274	67	45674	25.419	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.680%			
41) Toluene-d8	10.323	98	154364	27.340	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.360%			
43) trans-1,3-Dichloroprop...	10.579	79	21509	24.135	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.520%			
47) 2-Hexanone-d5	10.920	63	16104	44.295	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 177.200%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33936	22.789	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.160%			
66) 1,2-Dichlorobenzene-d4	13.853	152	58530	26.949	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.800%			
Target Compounds						Qvalue
35) Methylcyclohexane	9.274	83	11746	3.287	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	5544	3.044	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1833	0.618	ug/L #	73
48) 2-Hexanone	10.927	43	1993	2.293	ug/L #	65
61) 1,2,3-Trichloropropane	13.554	75	7605	6.659	ug/L #	66

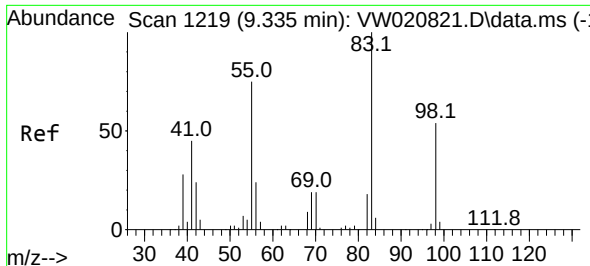
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Nov 10 04:11:42 2021
Response via : Initial Calibration

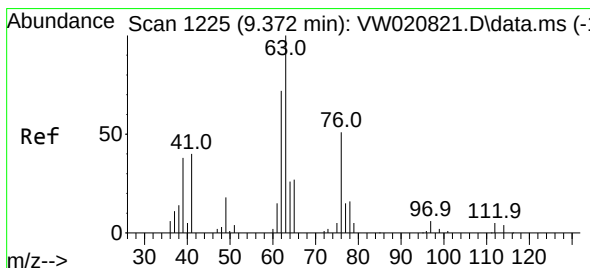
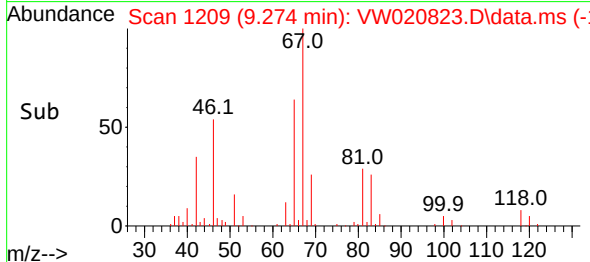
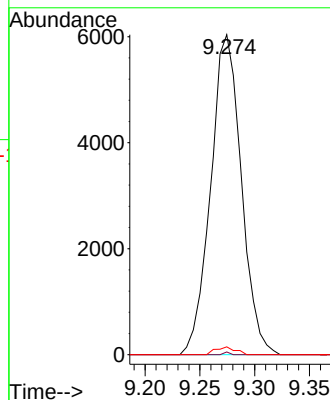
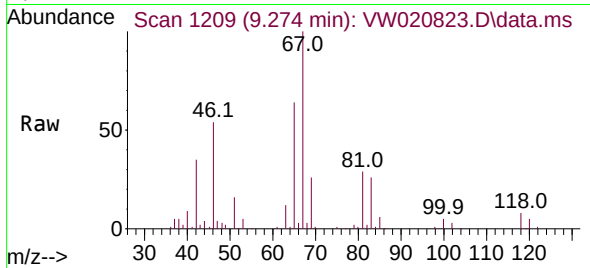




#35
Methylcyclohexane
Concen: 3.287 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW020823.D
Acq: 09 Nov 2021 15:34

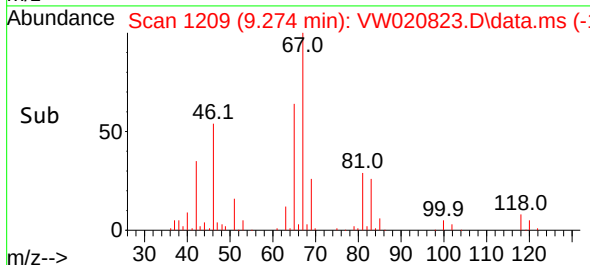
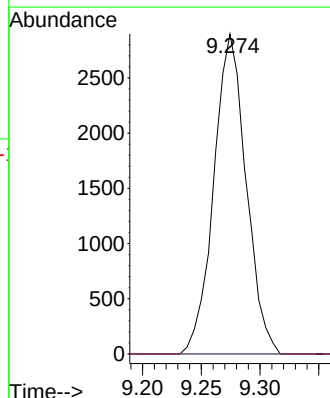
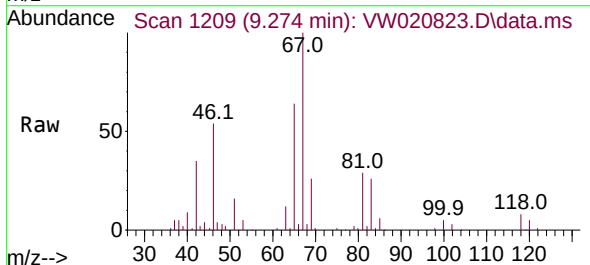
Instrument :
MSVOA_W
ClientSampleId :
VHBLK002

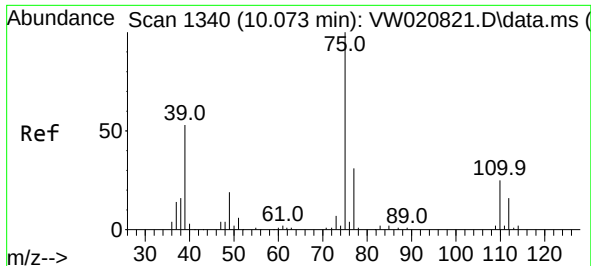
Tgt Ion: 83 Resp: 11746
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.6 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.044 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW020823.D
Acq: 09 Nov 2021 15:34

Tgt Ion: 63 Resp: 5544
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.618 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW020823.D

Acq: 09 Nov 2021 15:34

Instrument :

MSVOA_W

ClientSampleId :

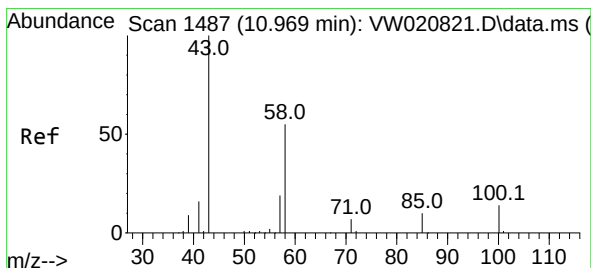
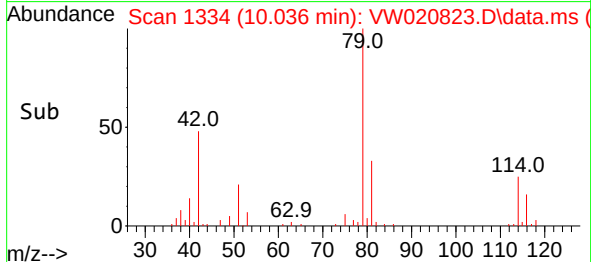
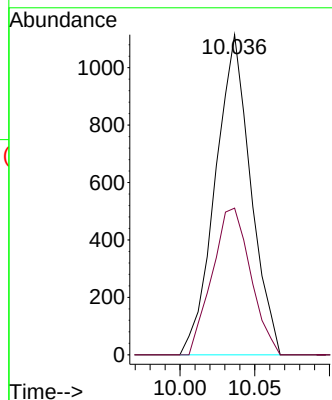
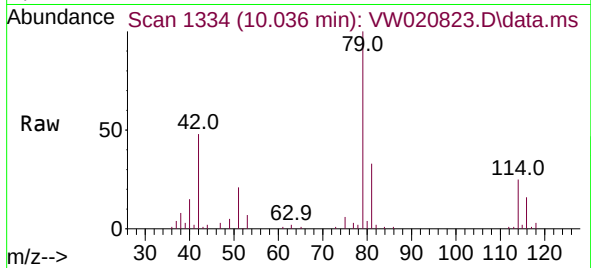
VHBLK002

Tgt Ion: 75 Resp: 1833

Ion Ratio Lower Upper

75 100

77 45.8 21.8 40.6#



#48

2-Hexanone

Concen: 2.293 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.042 min

Lab File: VW020823.D

Acq: 09 Nov 2021 15:34

Tgt Ion: 43 Resp: 1993

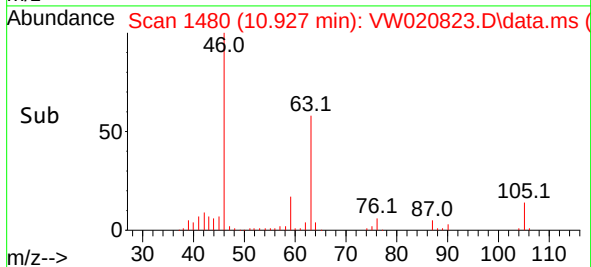
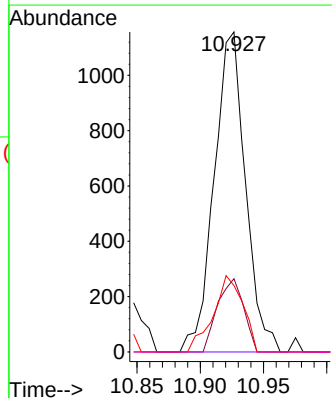
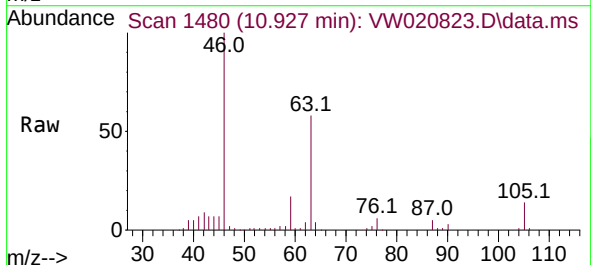
Ion Ratio Lower Upper

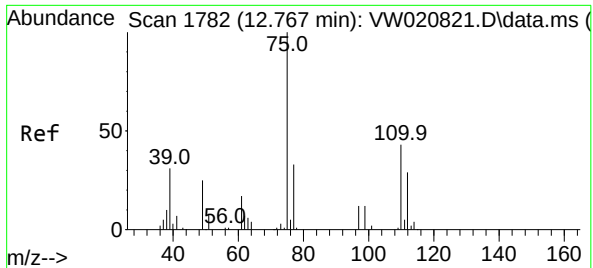
43 100

58 19.1 40.2 60.2#

57 22.5 14.3 21.5#

100 0.0 8.0 12.0#





#61
1,2,3-Trichloropropane
Concen: 6.659 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW020823.D
Acq: 09 Nov 2021 15:34

Instrument :
MSVOA_W
ClientSampleId :
VHBLK002

Tgt Ion:	75	Resp:	7605
Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.8	38.8
110	2.8	29.0	43.4#

