

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100622\
 Data File : VW024752.D
 Acq On : 06 Oct 2022 12:18
 Operator : SY/VA
 Sample : N4991-09RE
 Misc : 4.57g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 03:05:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 07 03:04:02 2022
 Response via : Initial Calibration

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

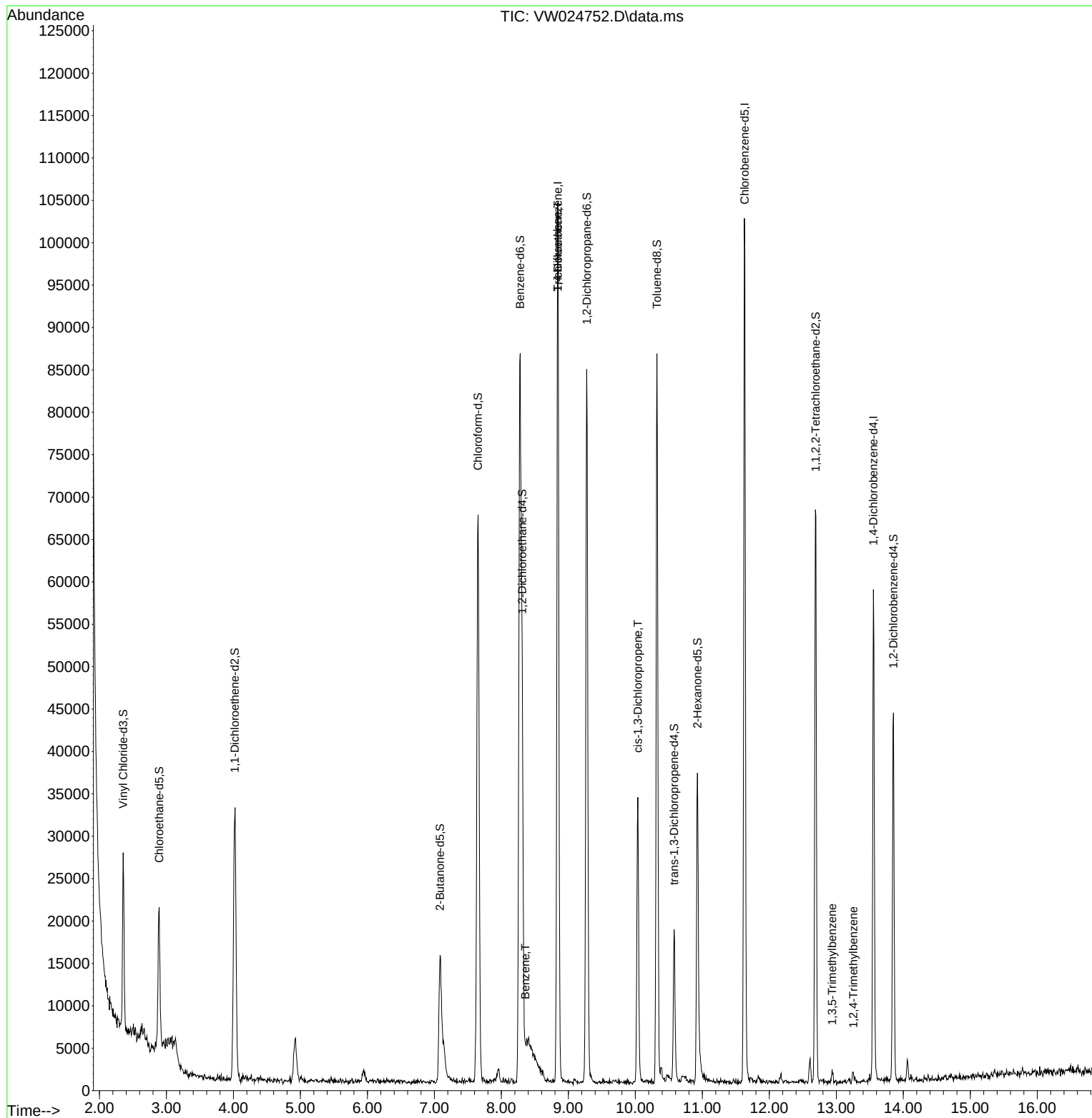
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	86930	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	57801	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	14509	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	18672	20.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.120%
7) Chloroethane-d5	2.891	69	16266	30.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.120%
11) 1,1-Dichloroethene-d2	4.019	63	31467	14.948	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.800%
21) 2-Butanone-d5	7.086	46	26983	82.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.040%#
24) Chloroform-d	7.653	84	68430	29.445	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.800%
26) 1,2-Dichloroethane-d4	8.311	65	35556	29.493	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.960%
32) Benzene-d6	8.281	84	89189	24.141	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.560%
36) 1,2-Dichloropropane-d6	9.274	67	40676	36.035	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	144.160%#
41) Toluene-d8	10.323	98	56768	17.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.760%
43) trans-1,3-Dichloroprop...	10.579	79	10159	20.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.840%
47) 2-Hexanone-d5	10.926	63	13728	71.081	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.160%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	37559	46.698	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	186.800%#
66) 1,2-Dichlorobenzene-d4	13.853	152	11539	22.601	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
33) Benzene	8.360	78	2862	0.707	ug/L	100
34) Trichloroethene	8.841	95	2687	2.620	ug/L	# 7
39) cis-1,3-Dichloropropene	10.036	75	880	0.557	ug/L	# 73
62) 1,3,5-Trimethylbenzene	12.938	105	817	0.398	ug/L	99
63) 1,2,4-Trimethylbenzene	13.255	105	962	0.478	ug/L	92

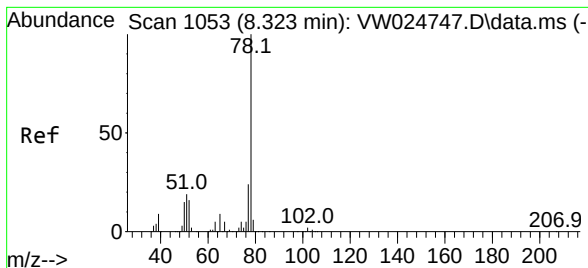
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Oct 07 03:04:02 2022
Response via : Initial Calibration





#33

Benzene

Concen: 0.707 ug/L

RT: 8.360 min Scan# 1105

Delta R.T. 0.036 min

Lab File: VW024752.D

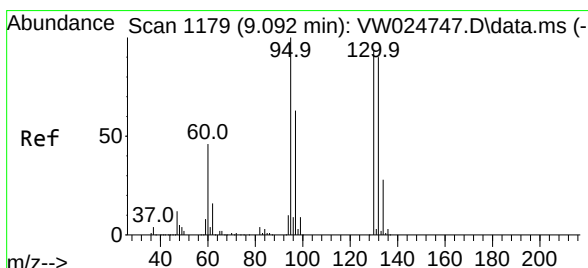
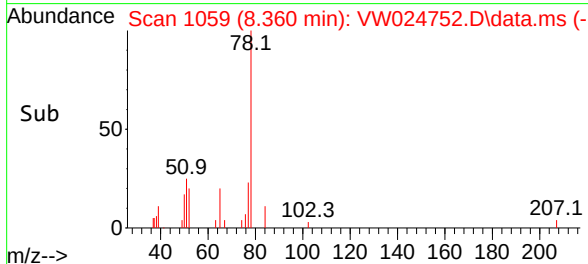
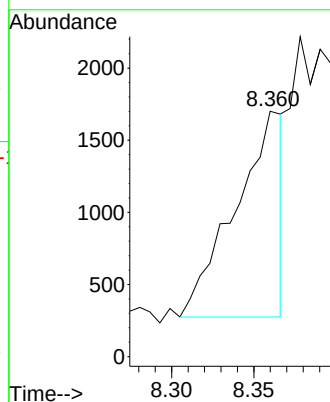
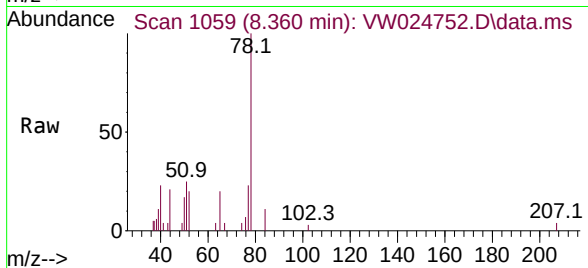
Acq: 06 Oct 2022 12:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 2862



#34

Trichloroethene

Concen: 2.620 ug/L

RT: 8.841 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW024752.D

Acq: 06 Oct 2022 12:18

Tgt Ion: 95 Resp: 2687

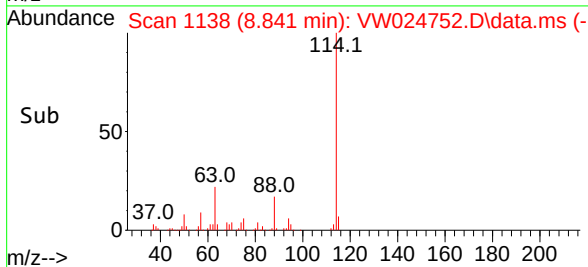
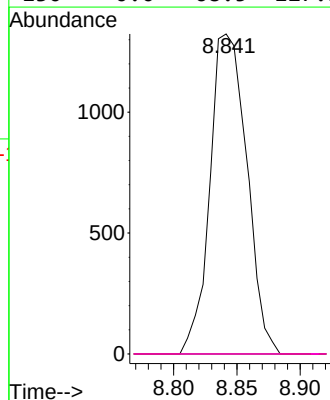
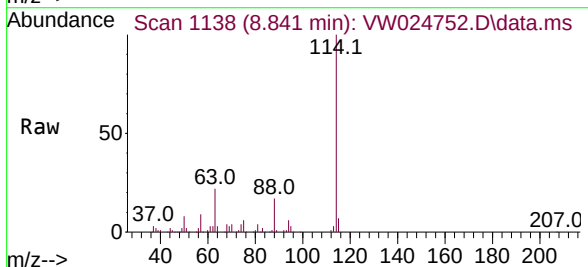
Ion Ratio Lower Upper

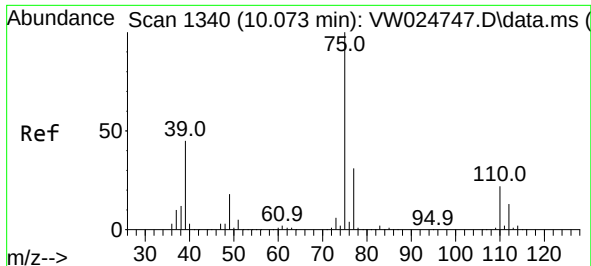
95 100

97 0.0 43.5 80.9#

132 0.0 61.2 113.8#

130 0.0 68.5 127.1#





#39

cis-1,3-Dichloropropene

Concen: 0.557 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW024752.D

Acq: 06 Oct 2022 12:18

Instrument :

MSVOA_W

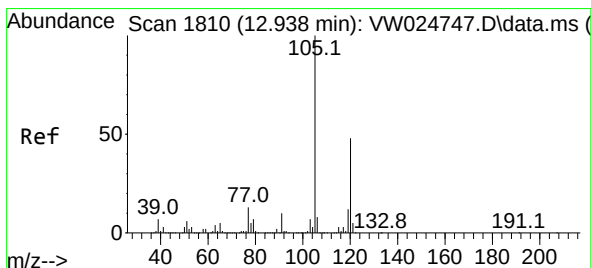
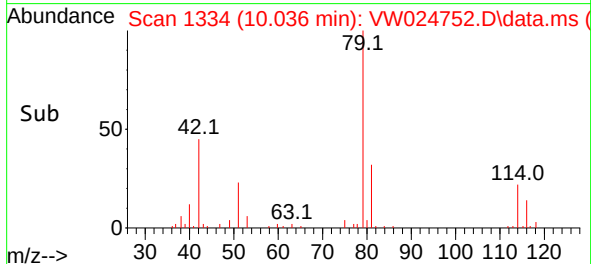
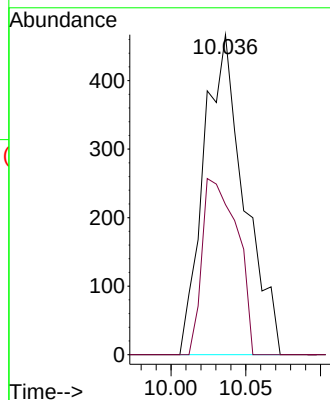
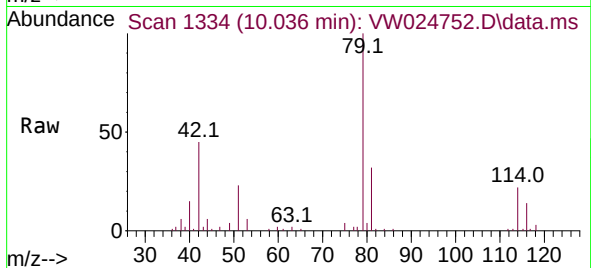
ClientSampleId :

Tgt Ion: 75 Resp: 880

Ion Ratio Lower Upper

75 100

77 46.9 22.4 41.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.398 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024752.D

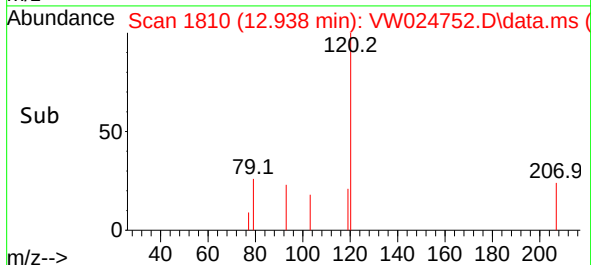
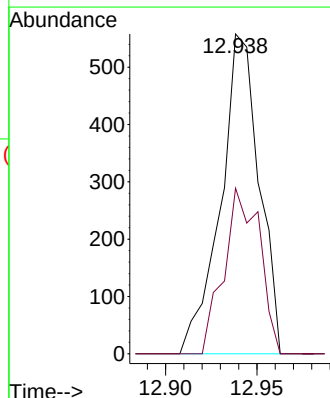
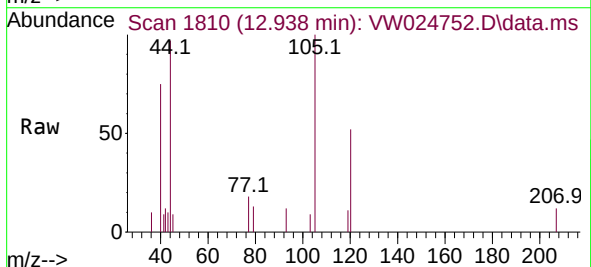
Acq: 06 Oct 2022 12:18

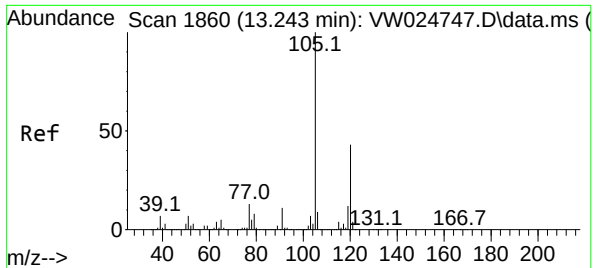
Tgt Ion:105 Resp: 817

Ion Ratio Lower Upper

105 100

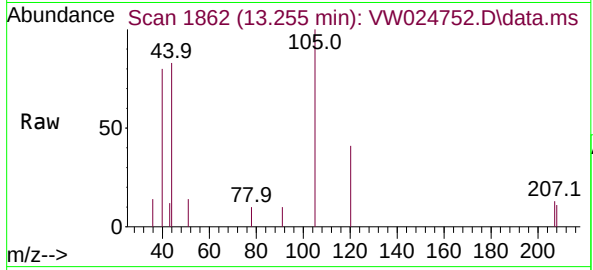
120 48.0 38.8 58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.478 ug/L
 RT: 13.255 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VW024752.D
 Acq: 06 Oct 2022 12:18

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	105	Resp:	962
Ion	Ratio	Lower	Upper
105	100		
120	38.9	35.2	52.8

