

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021045.D
 Acq On : 02 Dec 2021 14:24
 Operator : SY/VA
 Sample : M4886-05
 Misc : 5.77g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:25:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

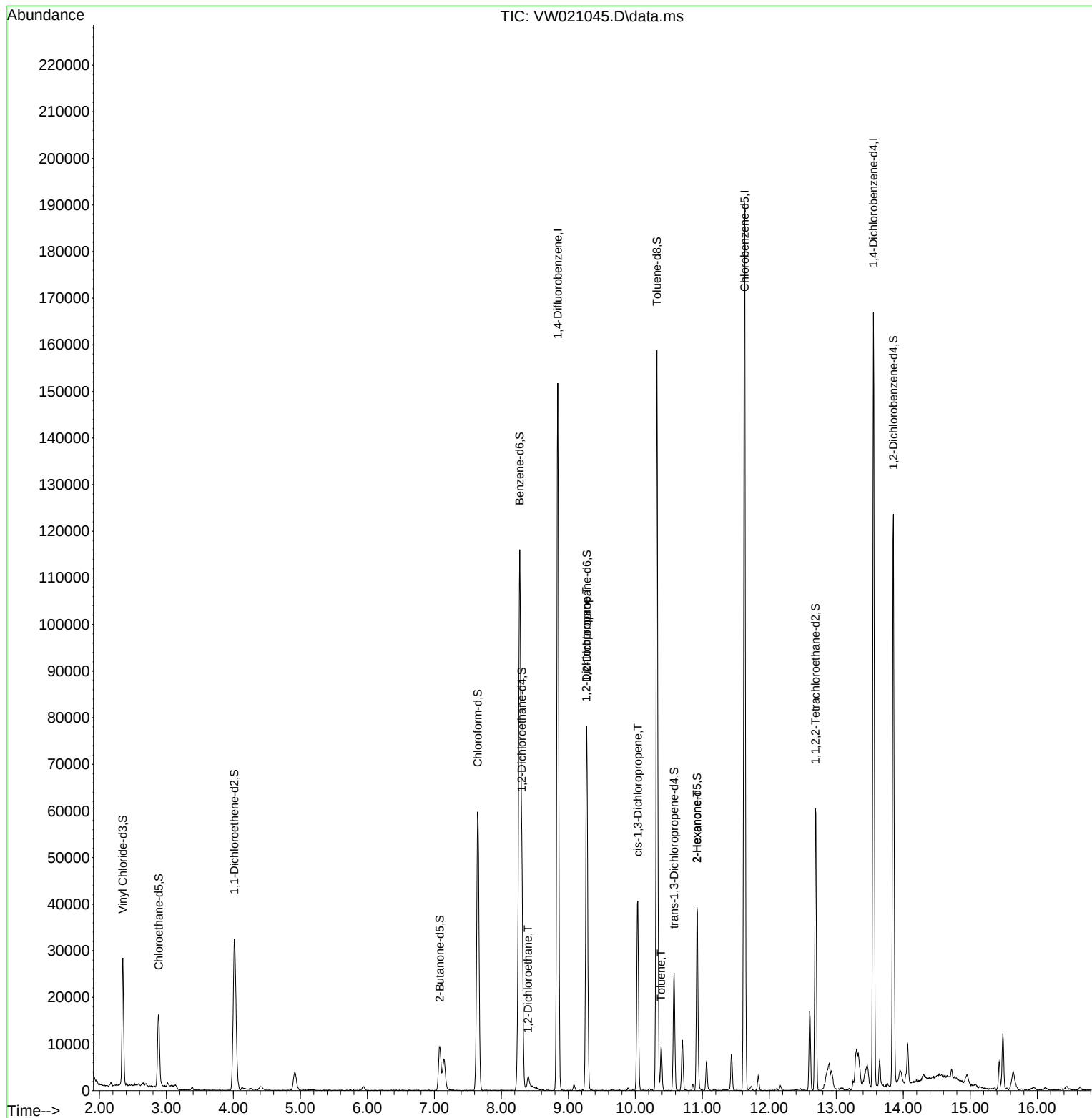
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	130606	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	105853	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	43450	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	24649	16.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.080%
7) Chloroethane-d5	2.885	69	18483	18.917	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.680%
11) 1,1-Dichloroethene-d2	4.013	63	30267	10.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.320%#
21) 2-Butanone-d5	7.080	46	16323	43.167	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.340%
24) Chloroform-d	7.647	84	59622	18.118	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.480%
26) 1,2-Dichloroethane-d4	8.305	65	32841	19.661	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.640%
32) Benzene-d6	8.275	84	108939	19.527	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.120%
36) 1,2-Dichloropropane-d6	9.274	67	33112	20.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.360%
41) Toluene-d8	10.323	98	102692	18.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	10.579	79	12996	17.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.240%
47) 2-Hexanone-d5	10.921	63	13144	49.885	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.780%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	27806	22.848	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	31718	20.481	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.920%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.397	62	2073	1.072	ug/L #	95
37) 1,2-Dichloropropane	9.268	63	4252	3.048	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1219	0.529	ug/L #	82
42) Toluene	10.384	91	7031	1.043	ug/L	91
48) 2-Hexanone	10.921	43	1700	2.956	ug/L #	70

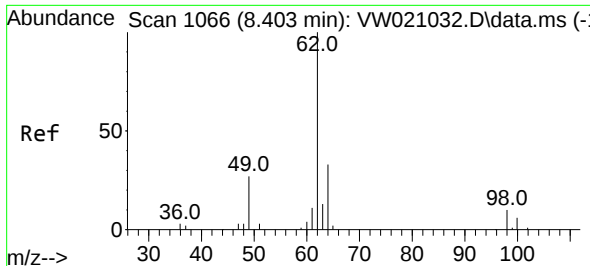
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021045.D
Acq On : 02 Dec 2021 14:24
Operator : SY/VA
Sample : M4886-05
Misc : 5.77g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 03 02:25:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 1.072 ug/L

RT: 8.397 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VW021045.D

Acq: 02 Dec 2021 14:24

Instrument :

MSVOA_W

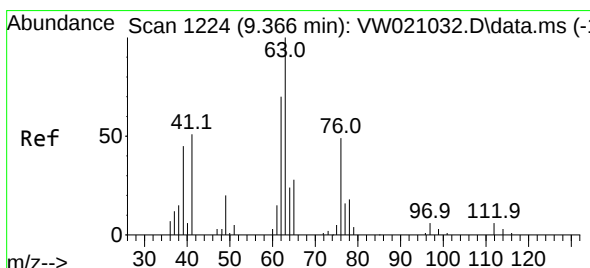
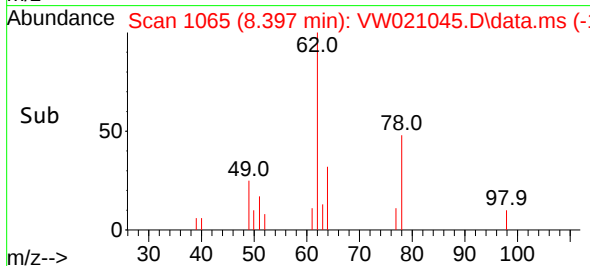
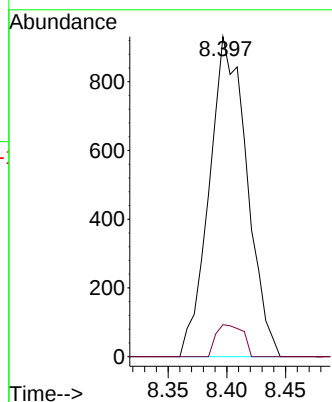
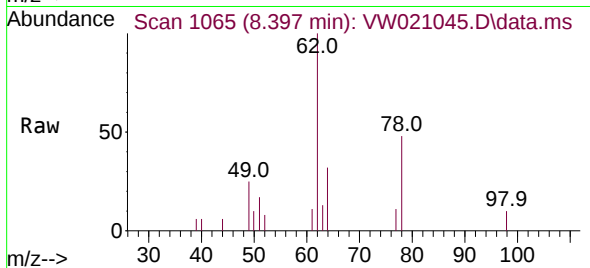
ClientSampleId :

Tgt Ion: 62 Resp: 2073

Ion Ratio Lower Upper

62 100

98 10.0 6.5 9.7#



#37

1,2-Dichloropropane

Concen: 3.048 ug/L

RT: 9.268 min Scan# 1208

Delta R.T. -0.098 min

Lab File: VW021045.D

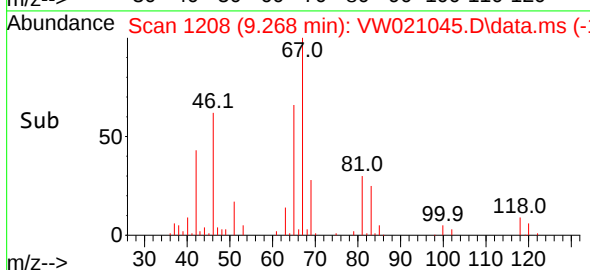
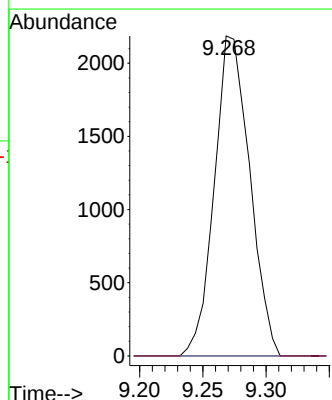
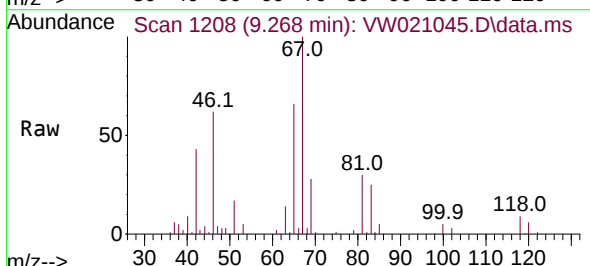
Acq: 02 Dec 2021 14:24

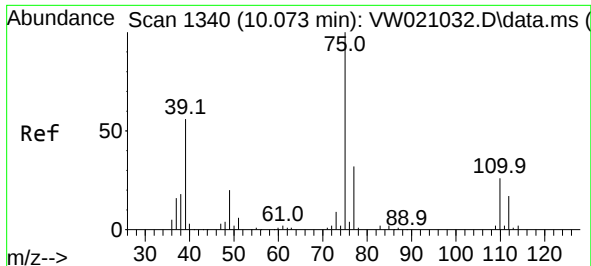
Tgt Ion: 63 Resp: 4252

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021045.D

Acq: 02 Dec 2021 14:24

Instrument :

MSVOA_W

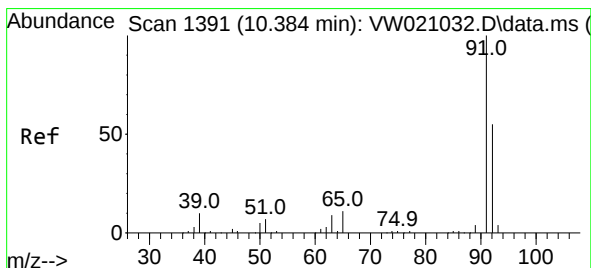
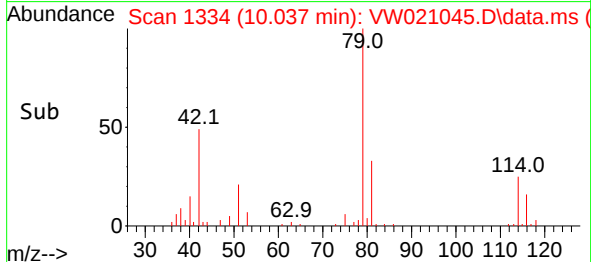
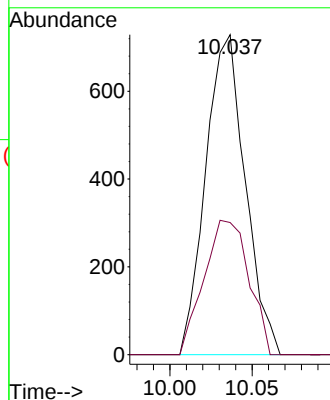
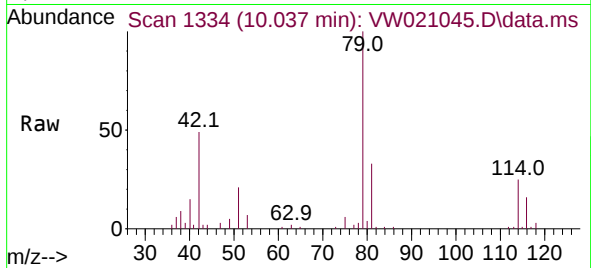
ClientSampleId :

Tgt Ion: 75 Resp: 1219

Ion Ratio Lower Upper

75 100

77 41.3 21.8 40.6#



#42

Toluene

Concen: 1.043 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW021045.D

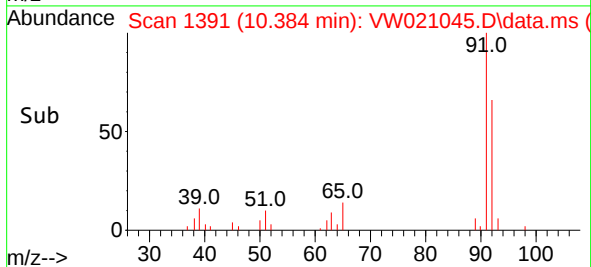
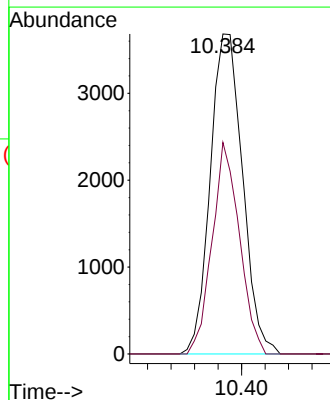
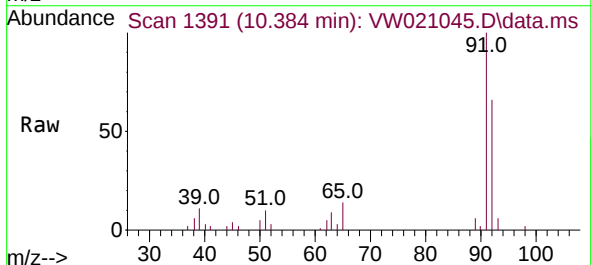
Acq: 02 Dec 2021 14:24

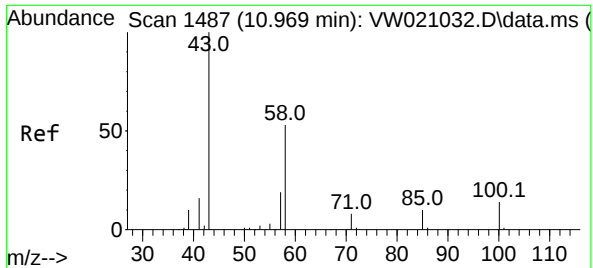
Tgt Ion: 91 Resp: 7031

Ion Ratio Lower Upper

91 100

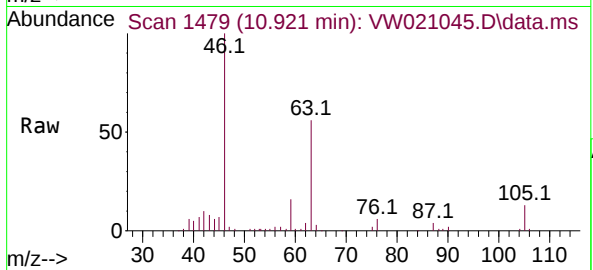
92 66.1 41.7 77.5





#48
 2-Hexanone
 Concen: 2.956 ug/L
 RT: 10.921 min Scan# 14
 Delta R.T. -0.049 min
 Lab File: VW021045.D
 Acq: 02 Dec 2021 14:24

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp:	1700
Ion	Ratio	Lower Upper
43	100	
58	23.5	40.2 60.2#
57	21.4	14.3 21.5
100	0.0	8.0 12.0#

