

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
 Data File : VW025930.D
 Acq On : 10 May 2023 15:17
 Operator : SY/MD
 Sample : 02689-06
 Misc : 3.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREM0

Quant Time: May 11 02:12:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

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

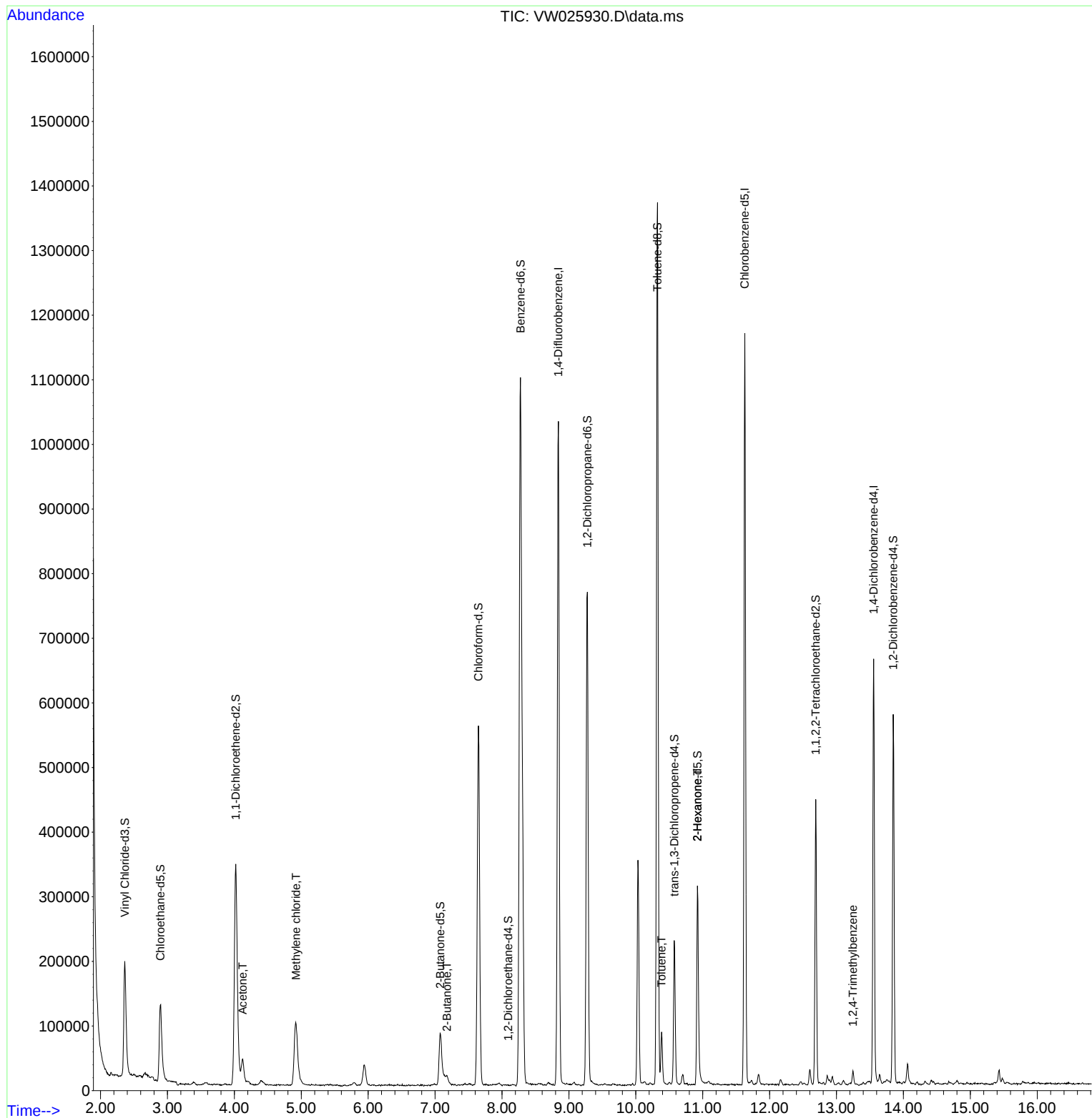
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	807071	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	595113	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	164068	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	267007	23.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.400%
7) Chloroethane-d5	2.893	69	185657	21.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	4.021	65	128276	22.399	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.600%
21) 2-Butanone-d5	7.075	46	143436	37.938	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.880%
24) Chloroform-d	7.648	84	553198	23.771	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.080%
26) 1,2-Dichloroethane-d4	8.093	65	181	0.014	ug/L	-0.21
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.276	84	1097815	28.232	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.920%
36) 1,2-Dichloropropane-d6	9.276	67	363224	29.194	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.760%
41) Toluene-d8	10.325	98	867887	25.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.120%
43) trans-1,3-Dichloroprop...	10.575	79	116904	23.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.720%
47) 2-Hexanone-d5	10.922	63	100204	47.231	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	220344	23.236	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	133564	22.332	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.320%
Target Compounds						
					Qvalue	
13) Acetone	4.124	43	64487	19.236	ug/L	99
16) Methylene chloride	4.923	84	83664	5.027	ug/L	96
22) 2-Butanone	7.179	43	25390	5.485	ug/L	85
42) Toluene	10.386	91	55854	1.328	ug/L	99
48) 2-Hexanone	10.922	43	19580	3.722	ug/L #	65
63) 1,2,4-Trimethylbenzene	13.245	105	10342	0.567	ug/L	97

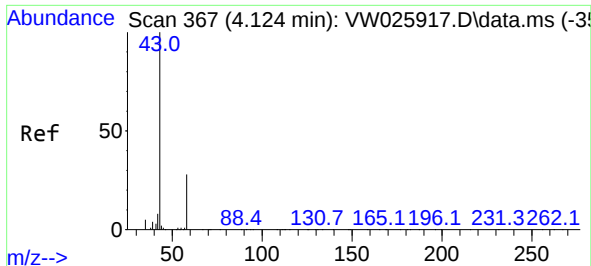
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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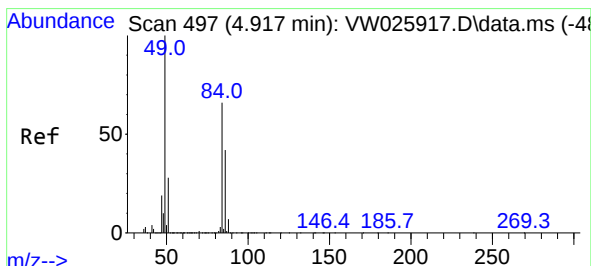
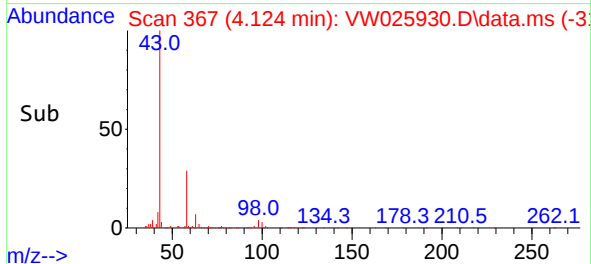
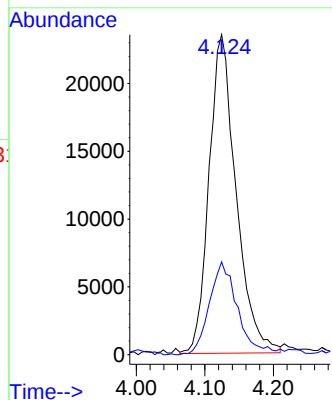
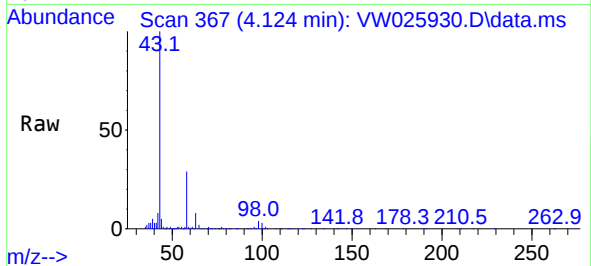




#13
Acetone
Concen: 19.236 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW025930.D
Acq: 10 May 2023 15:17

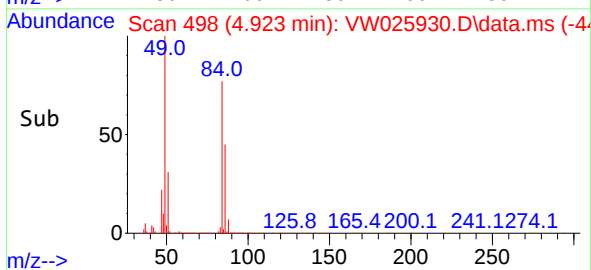
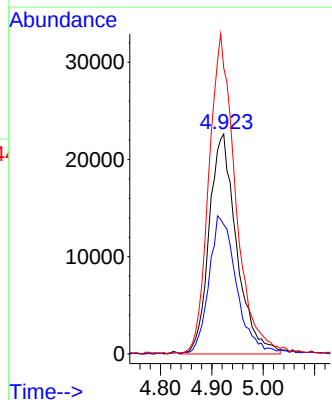
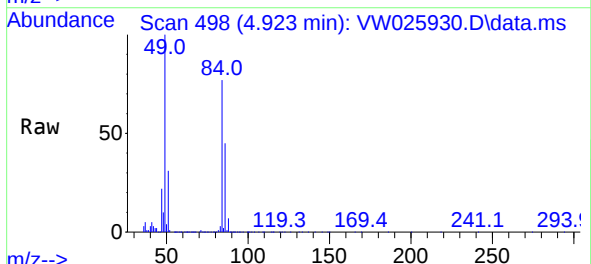
Instrument :
MSVOA_W
ClientSampleId :
JREM0

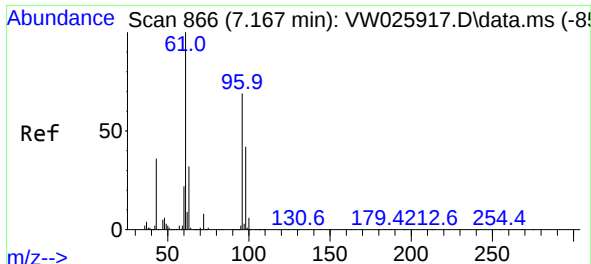
Tgt Ion: 43 Resp: 64487
Ion Ratio Lower Upper
43 100
58 29.4 0.0 58.2



#16
Methylene chloride
Concen: 5.027 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW025930.D
Acq: 10 May 2023 15:17

Tgt Ion: 84 Resp: 83664
Ion Ratio Lower Upper
84 100
86 58.7 41.7 77.5
49 130.0 95.3 177.1

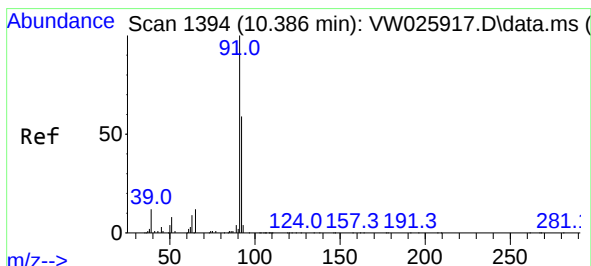
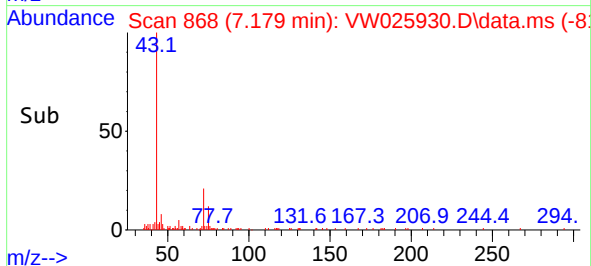
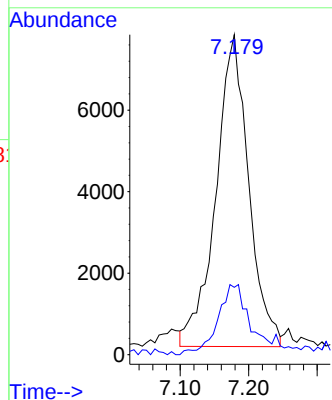
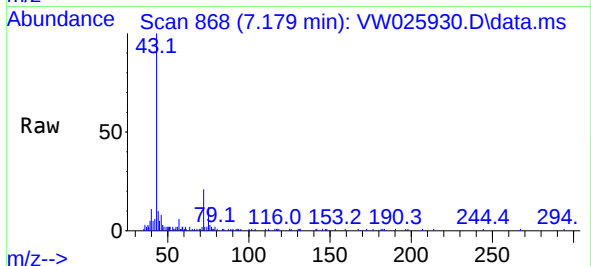




#22
2-Butanone
Concen: 5.485 ug/L
RT: 7.179 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW025930.D
Acq: 10 May 2023 15:17

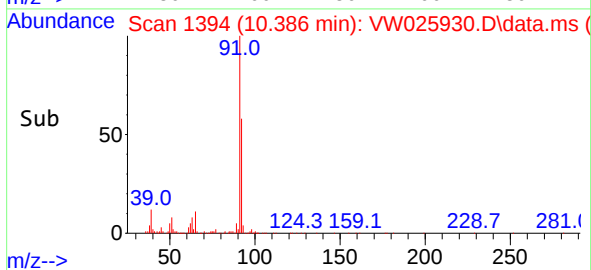
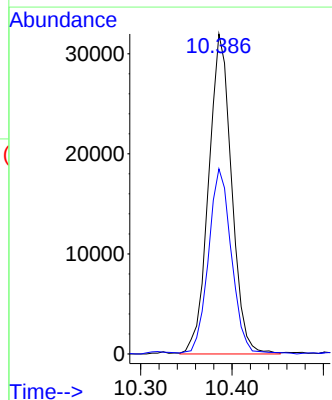
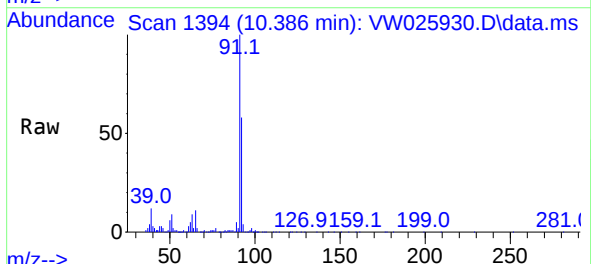
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MSVOA_W
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JREM0

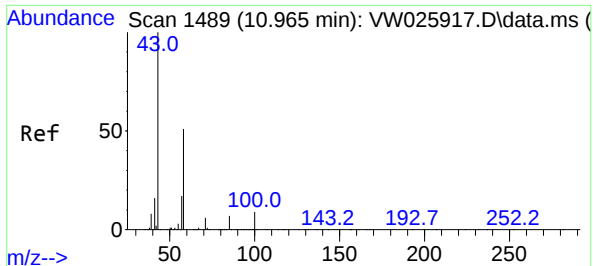
Tgt Ion: 43 Resp: 25390
Ion Ratio Lower Upper
43 100
72 16.2 11.8 35.4



#42
Toluene
Concen: 1.328 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025930.D
Acq: 10 May 2023 15:17

Tgt Ion: 91 Resp: 55854
Ion Ratio Lower Upper
91 100
92 57.9 40.2 74.6





#48

2-Hexanone

Concen: 3.722 ug/L

RT: 10.922 min Scan# 1489

Delta R.T. -0.043 min

Lab File: VW025930.D

Acq: 10 May 2023 15:17

Instrument :

MSVOA_W

ClientSampleId :

JREM0

Tgt Ion: 43 Resp: 19580

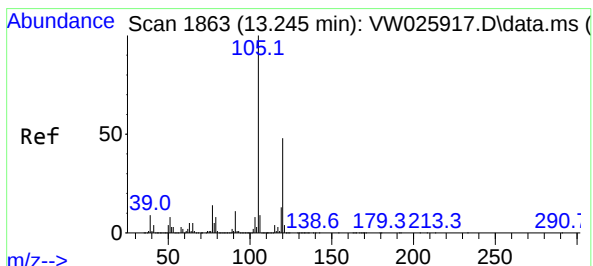
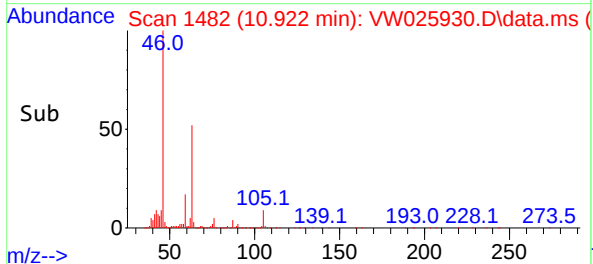
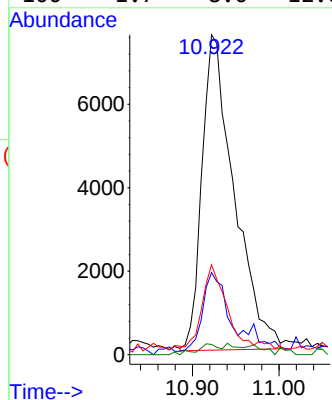
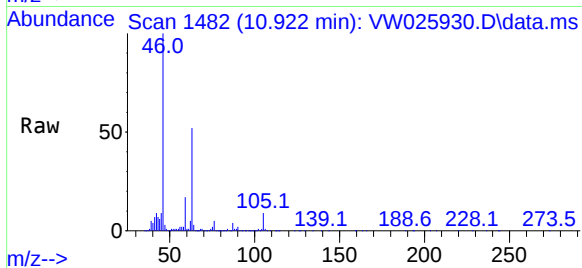
Ion Ratio Lower Upper

43 100

58 18.1 40.8 61.2#

57 18.4 13.6 20.4

100 1.7 8.0 12.0#



#63

1,2,4-Trimethylbenzene

Concen: 0.567 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW025930.D

Acq: 10 May 2023 15:17

Tgt Ion:105 Resp: 10342

Ion Ratio Lower Upper

105 100

120 45.2 34.7 52.1

