

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025953.D
 Acq On : 11 May 2023 13:51
 Operator : SY/MD
 Sample : 02689-21RE
 Misc : 3.61g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 12 05:38:28 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)

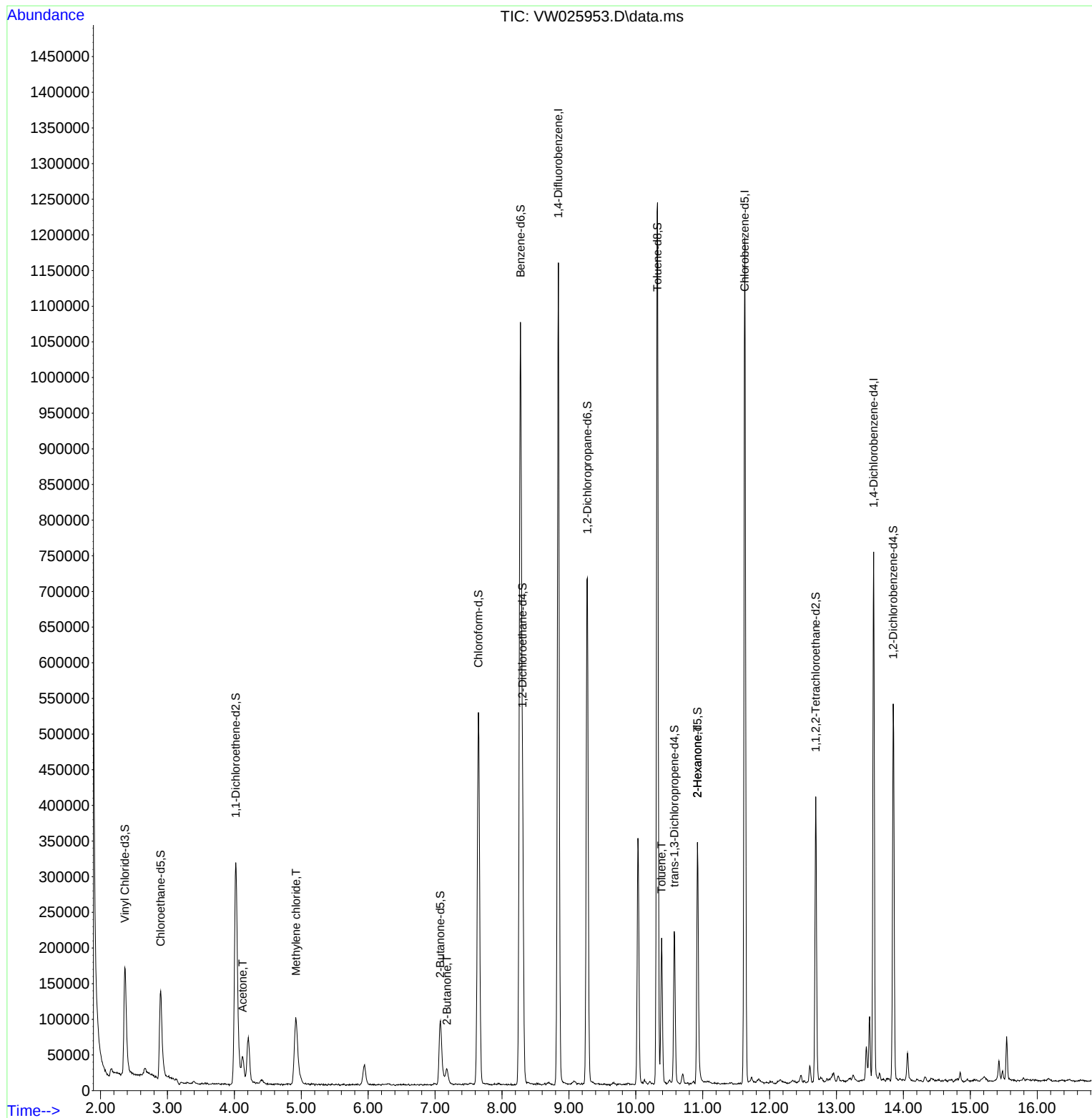
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	863585	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604059	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	178079	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	254302	20.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.120%
7) Chloroethane-d5	2.899	69	190231	20.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.880%
11) 1,1-Dichloroethene-d2	4.021	65	122121	19.929	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.720%
21) 2-Butanone-d5	7.075	46	162373	40.136	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.280%
24) Chloroform-d	7.648	84	519158	20.848	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	8.307	65	295872	21.012	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.040%
32) Benzene-d6	8.276	84	1042901	26.422	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.680%
36) 1,2-Dichloropropane-d6	9.276	67	342624	27.131	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.520%
41) Toluene-d8	10.325	98	786706	22.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	10.575	79	114848	22.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.760%
47) 2-Hexanone-d5	10.922	63	111002	51.546	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	198474	20.620	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	132204	20.365	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.480%
Target Compounds					Qvalue	
13) Acetone	4.125	43	63468	17.693	ug/L	99
16) Methylene chloride	4.923	84	81171	4.558	ug/L	91
22) 2-Butanone	7.179	43	36952	7.460	ug/L	99
42) Toluene	10.386	91	139650	3.270	ug/L	99
48) 2-Hexanone	10.922	43	18288	3.425	ug/L #	64

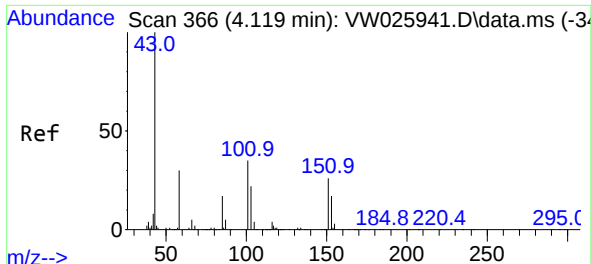
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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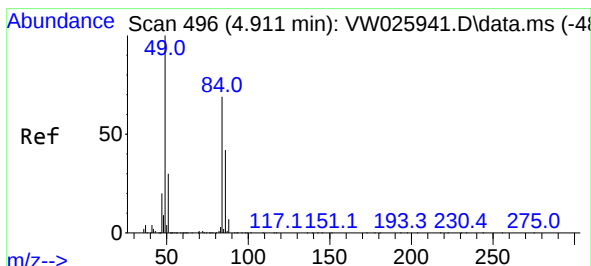
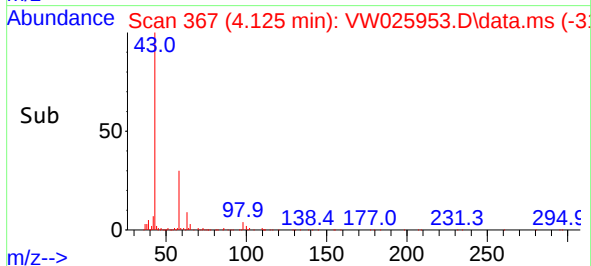
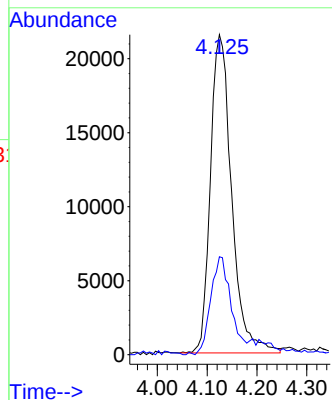
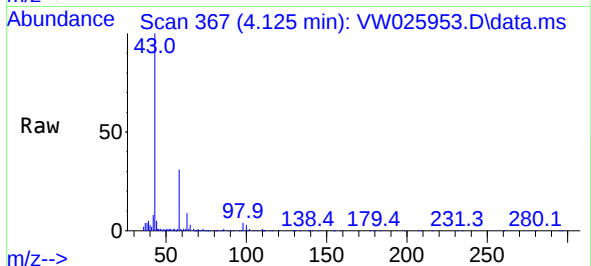




#13
Acetone
Concen: 17.693 ug/L
RT: 4.125 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW025953.D
Acq: 11 May 2023 13:51

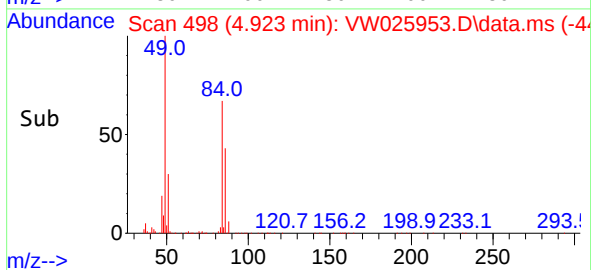
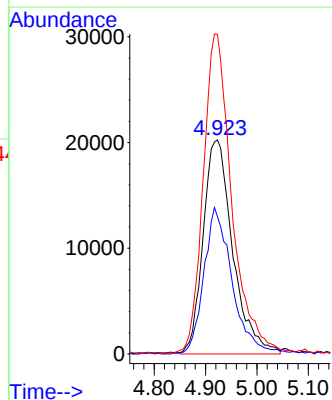
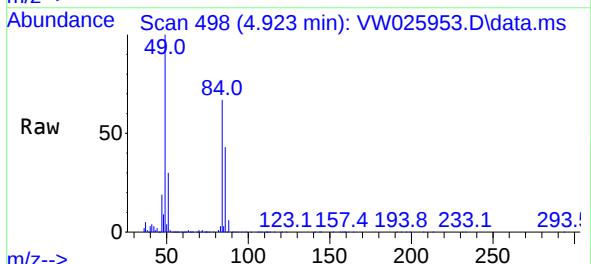
Instrument :
MSVOA_W
ClientSampleId :

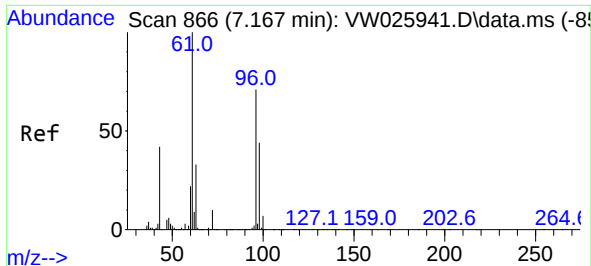
Tgt Ion: 43 Resp: 63468
Ion Ratio Lower Upper
43 100
58 29.5 0.0 58.2



#16
Methylene chloride
Concen: 4.558 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW025953.D
Acq: 11 May 2023 13:51

Tgt Ion: 84 Resp: 81171
Ion Ratio Lower Upper
84 100
86 64.2 41.7 77.5
49 149.3 95.3 177.1

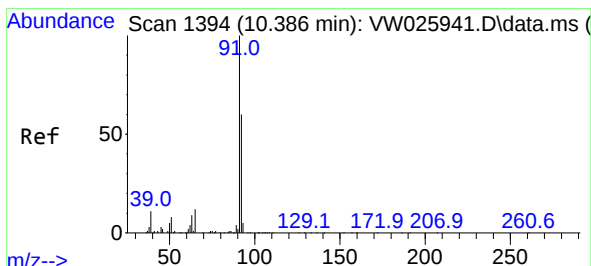
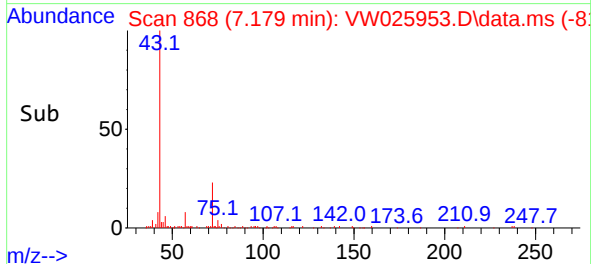
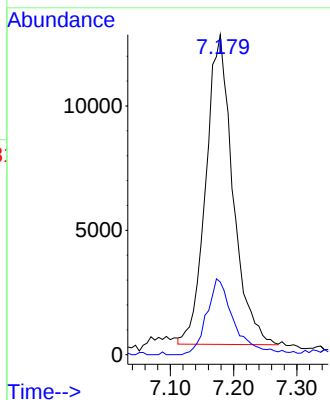
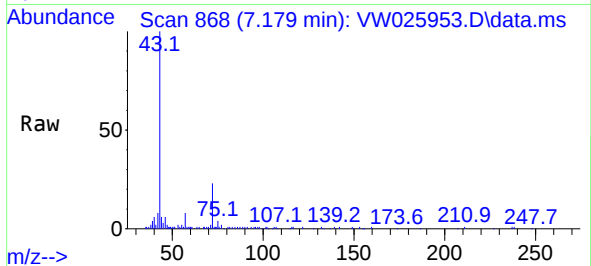




#22
2-Butanone
Concen: 7.460 ug/L
RT: 7.179 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW025953.D
Acq: 11 May 2023 13:51

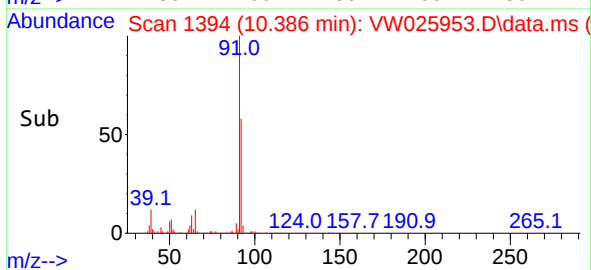
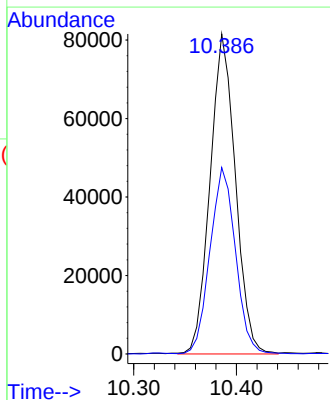
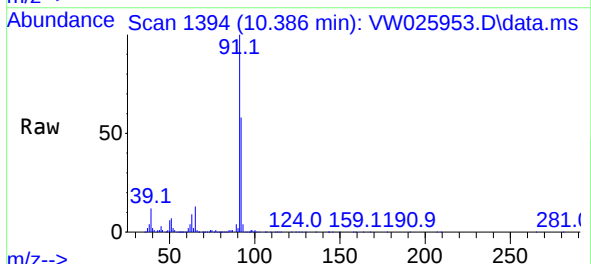
Instrument :
MSVOA_W
ClientSampleId :

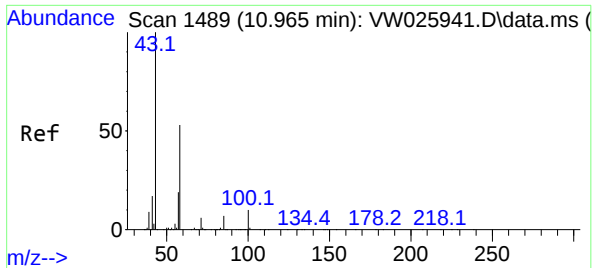
Tgt Ion: 43 Resp: 36952
Ion Ratio Lower Upper
43 100
72 24.0 11.8 35.4



#42
Toluene
Concen: 3.270 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025953.D
Acq: 11 May 2023 13:51

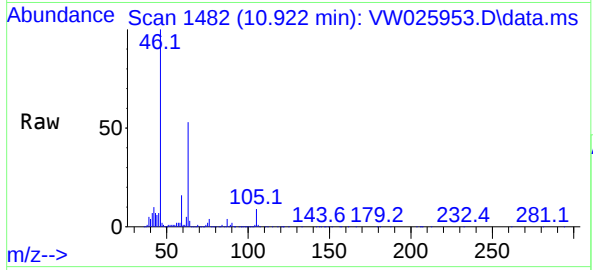
Tgt Ion: 91 Resp: 139650
Ion Ratio Lower Upper
91 100
92 58.3 40.2 74.6





#48
 2-Hexanone
 Concen: 3.425 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW025953.D
 Acq: 11 May 2023 13:51

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43 Resp: 18288

Ion	Ratio	Lower	Upper
43	100		
58	19.0	40.8	61.2#
57	23.0	13.6	20.4#
100	3.0	8.0	12.0#

