

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025948.D
 Acq On : 11 May 2023 11:50
 Operator : SY/MD
 Sample : 02689--21
 Misc : 3.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 12 05:37:51 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)

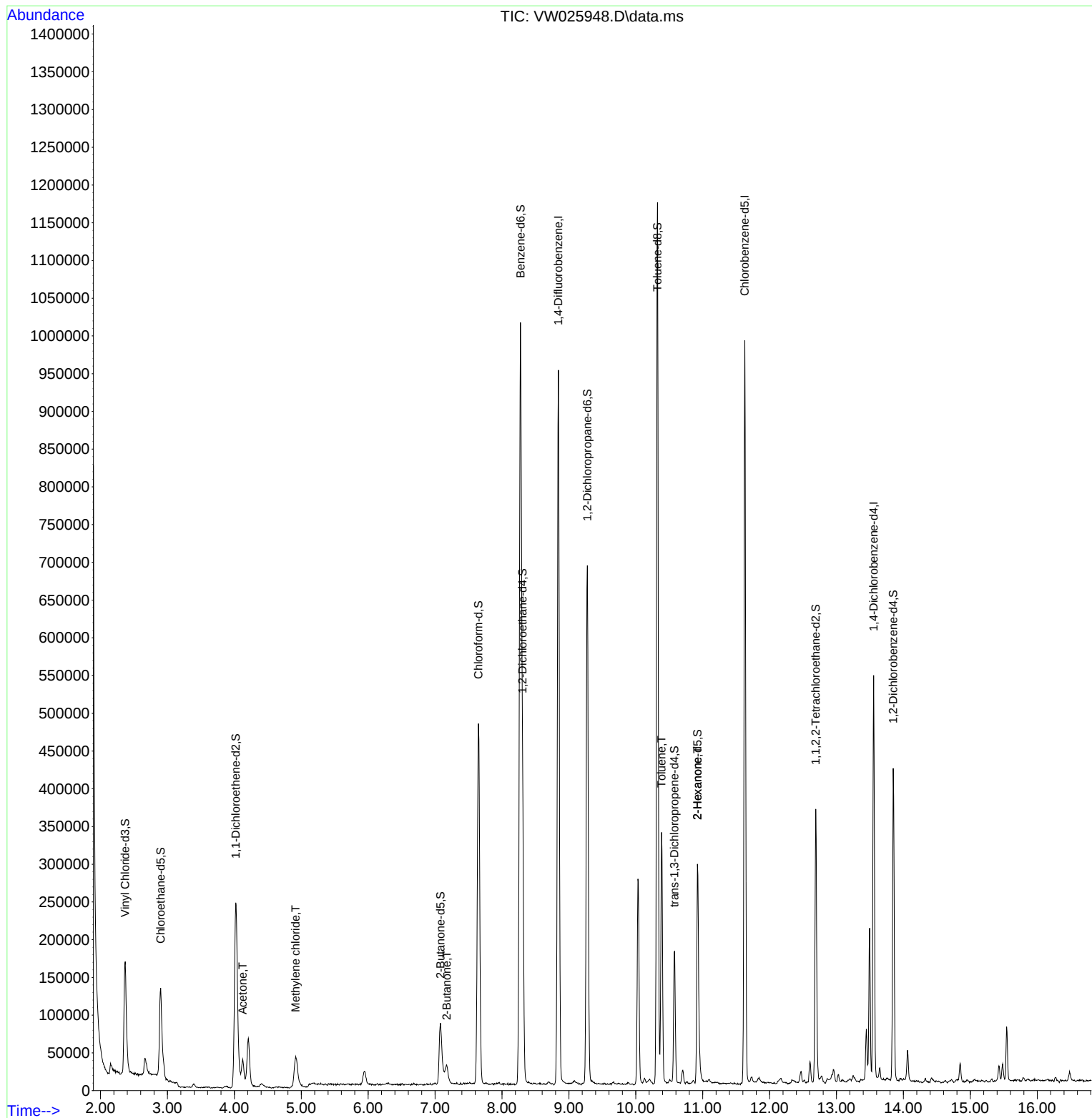
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	745551	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	502974	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128793	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	235877	22.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
7) Chloroethane-d5	2.899	69	180440	23.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.160%
11) 1,1-Dichloroethene-d2	4.021	65	96817	18.301	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.200%
21) 2-Butanone-d5	7.081	46	137853	39.469	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.940%
24) Chloroform-d	7.648	84	489126	22.752	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	8.307	65	291032	23.940	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.760%
32) Benzene-d6	8.276	84	981471	29.863	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.440%
36) 1,2-Dichloropropane-d6	9.276	67	325685	30.972	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.880%#
41) Toluene-d8	10.325	98	733049	25.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.040%
43) trans-1,3-Dichloroprop...	10.575	79	97667	22.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.640%
47) 2-Hexanone-d5	10.922	63	91718	51.151	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	183408	22.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	98378	20.954	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.800%
Target Compounds					Qvalue	
13) Acetone	4.124	43	58454	18.875	ug/L	97
16) Methylene chloride	4.917	84	34452	2.241	ug/L	98
22) 2-Butanone	7.173	43	51138	11.959	ug/L	85
42) Toluene	10.386	91	234406	6.593	ug/L	98
48) 2-Hexanone	10.922	43	14562	3.276	ug/L #	66

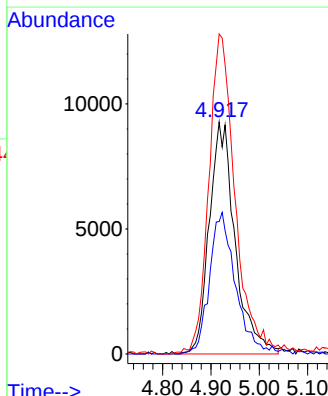
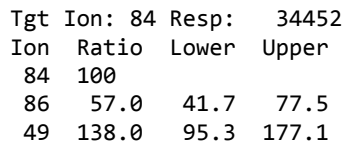
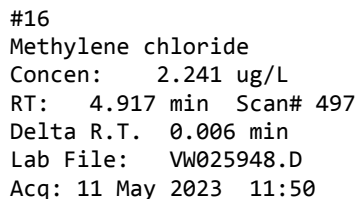
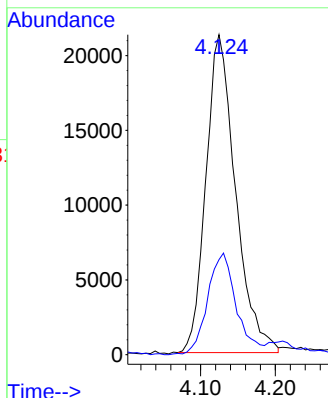
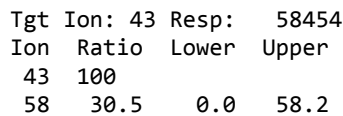
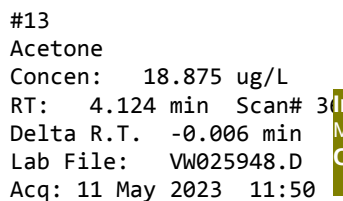
(#) = qualifier out of range (m) = manual integration (+) = signals summed

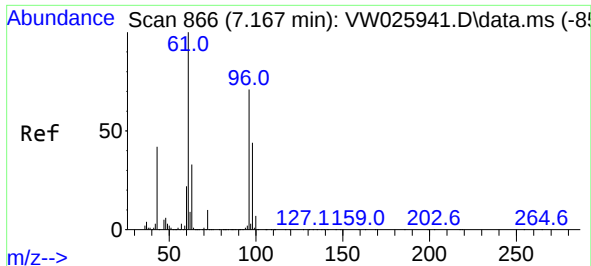
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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :

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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



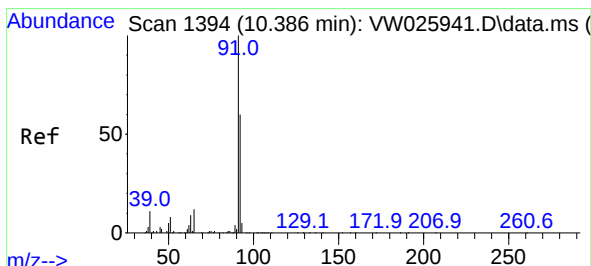
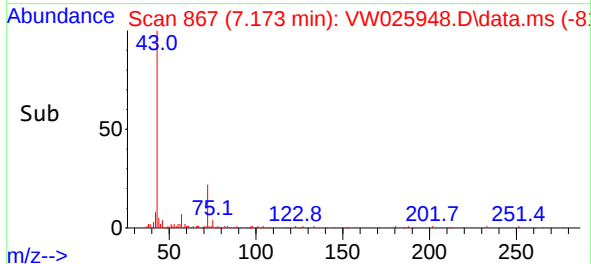
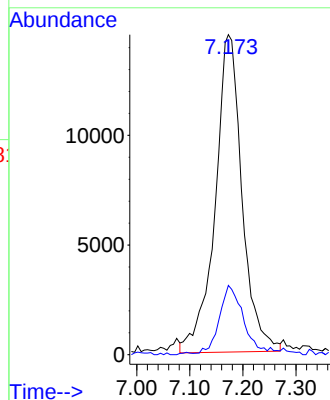
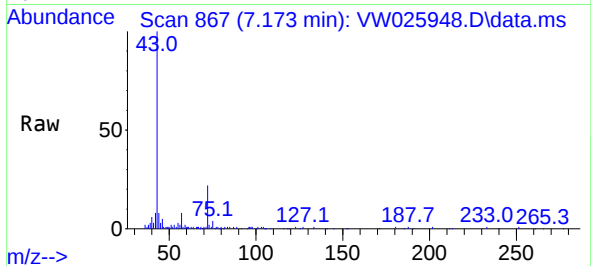




#22
2-Butanone
Concen: 11.959 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025948.D
Acq: 11 May 2023 11:50

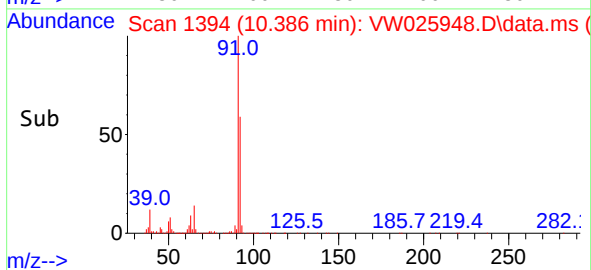
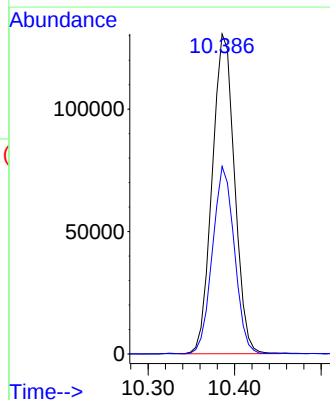
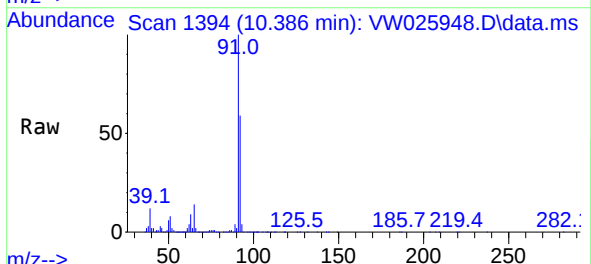
Instrument :
MSVOA_W
ClientSampleId :

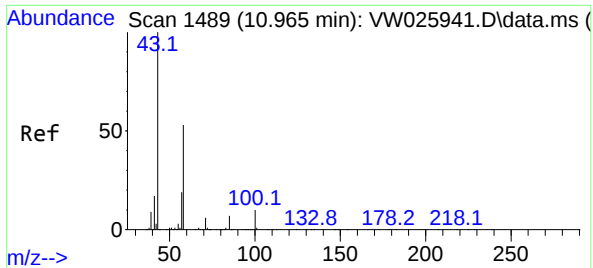
Tgt Ion: 43 Resp: 51138
Ion Ratio Lower Upper
43 100
72 16.0 11.8 35.4



#42
Toluene
Concen: 6.593 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025948.D
Acq: 11 May 2023 11:50

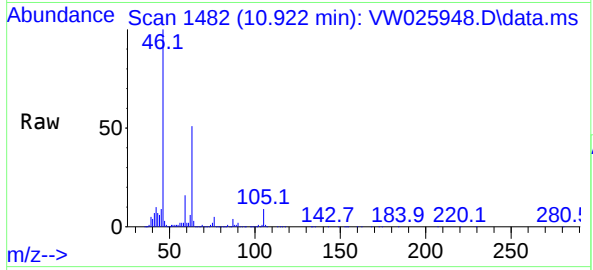
Tgt Ion: 91 Resp: 234406
Ion Ratio Lower Upper
91 100
92 58.6 40.2 74.6





#48
 2-Hexanone
 Concen: 3.276 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW025948.D
 Acq: 11 May 2023 11:50

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43 Resp: 14562

Ion	Ratio	Lower	Upper
43	100		
58	26.7	40.8	61.2#
57	33.6	13.6	20.4#
100	1.3	8.0	12.0#

