

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025949.D
 Acq On : 11 May 2023 12:14
 Operator : SY/MD
 Sample : 02689--22
 Misc : 3.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 12 05:37:59 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)

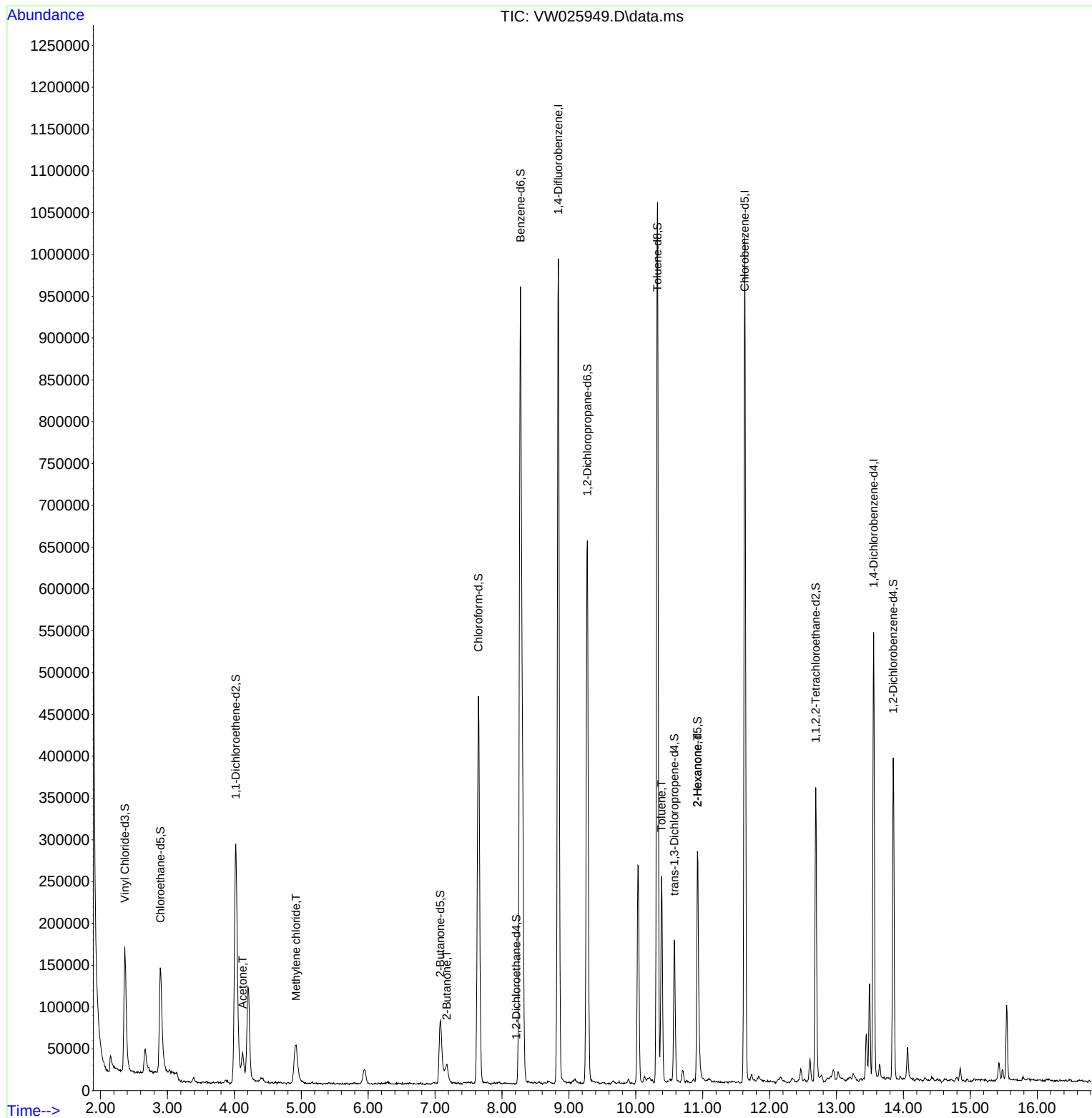
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	776881	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	523084	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126397	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	222581	20.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.880%
7) Chloroethane-d5	2.893	69	195872	23.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	4.021	65	108407	19.665	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.680%
21) 2-Butanone-d5	7.075	46	131527	36.140	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.280%
24) Chloroform-d	7.648	84	457288	20.413	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.640%
26) 1,2-Dichloroethane-d4	8.215	65	213	0.017	ug/L	-0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	925627	27.081	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.320%
36) 1,2-Dichloropropane-d6	9.276	67	308429	28.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.800%
41) Toluene-d8	10.325	98	682229	22.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.520%
43) trans-1,3-Dichloroprop...	10.575	79	92447	20.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.400%
47) 2-Hexanone-d5	10.922	63	90112	48.323	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	174411	20.925	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	94650	20.542	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.160%
Target Compounds					Qvalue	
13) Acetone	4.124	43	57994	17.971	ug/L	100
16) Methylene chloride	4.923	84	37892	2.365	ug/L	92
22) 2-Butanone	7.173	43	44521	9.991	ug/L	93
42) Toluene	10.386	91	170028	4.598	ug/L	98
48) 2-Hexanone	10.922	43	14131	3.056	ug/L #	65

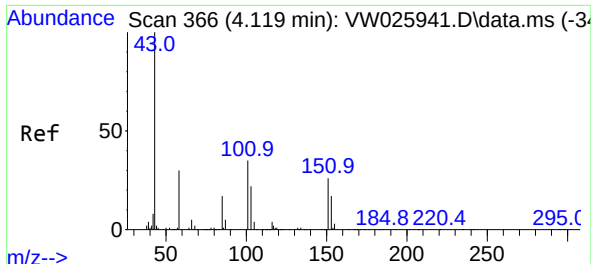
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

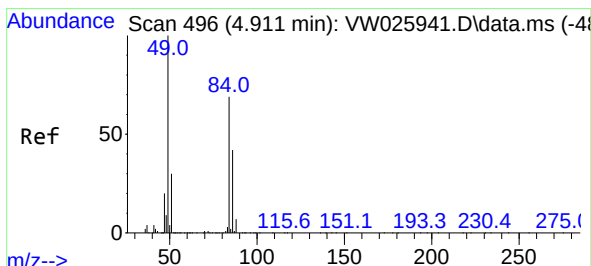
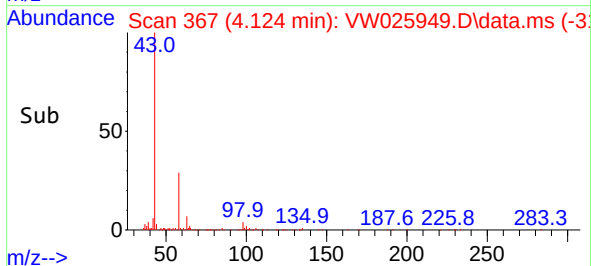
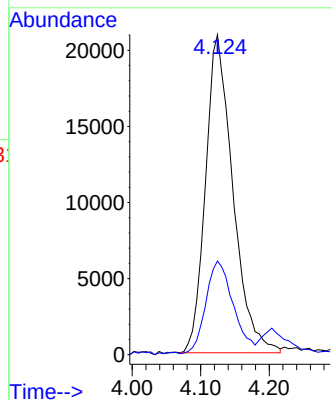
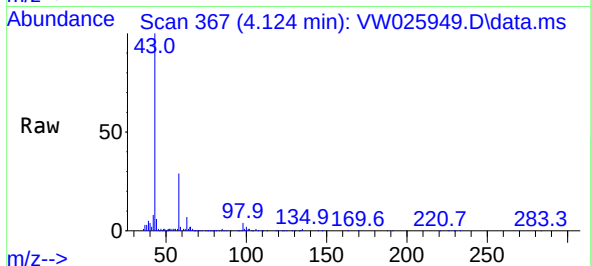




#13
Acetone
Concen: 17.971 ug/L
RT: 4.124 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW025949.D
Acq: 11 May 2023 12:14

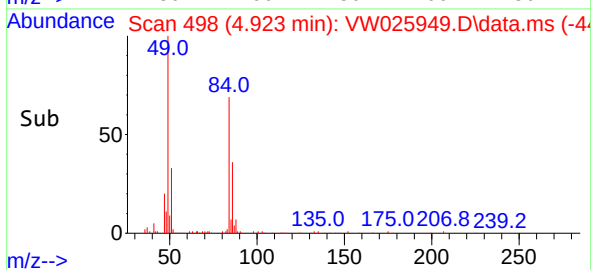
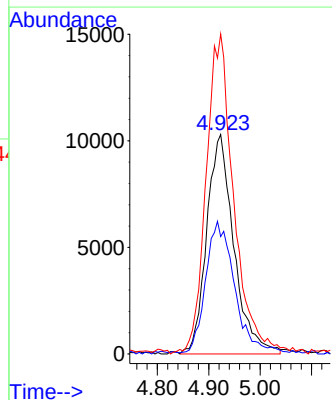
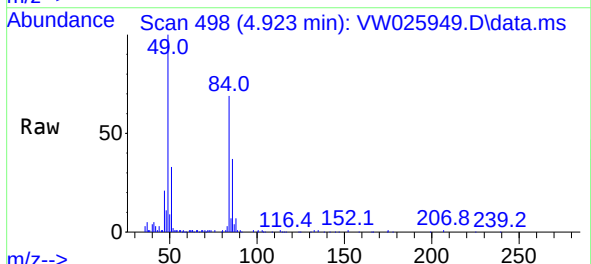
Instrument :
MSVOA_W
ClientSampleId :

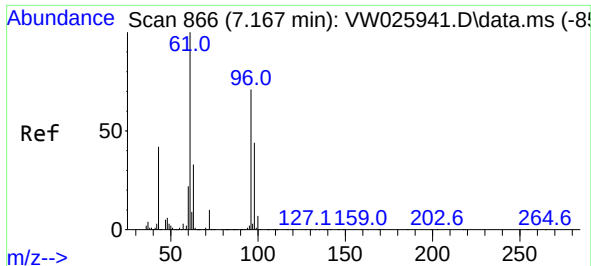
Tgt Ion: 43 Resp: 57994
Ion Ratio Lower Upper
43 100
58 29.3 0.0 58.2



#16
Methylene chloride
Concen: 2.365 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW025949.D
Acq: 11 May 2023 12:14

Tgt Ion: 84 Resp: 37892
Ion Ratio Lower Upper
84 100
86 53.5 41.7 77.5
49 145.8 95.3 177.1

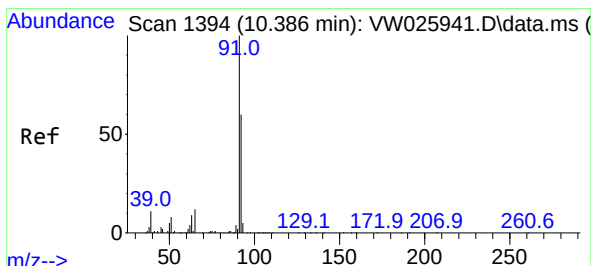
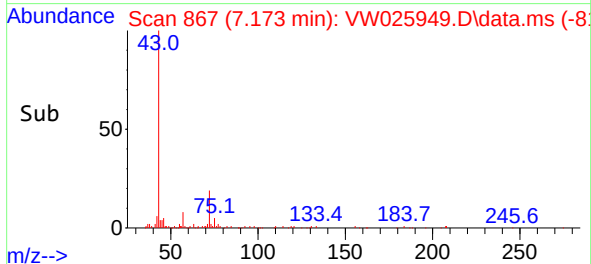
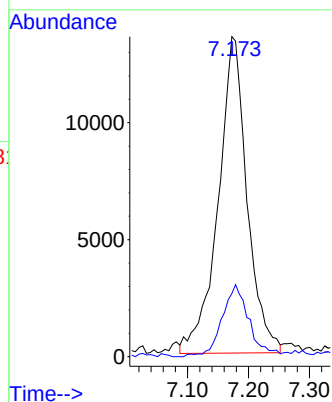
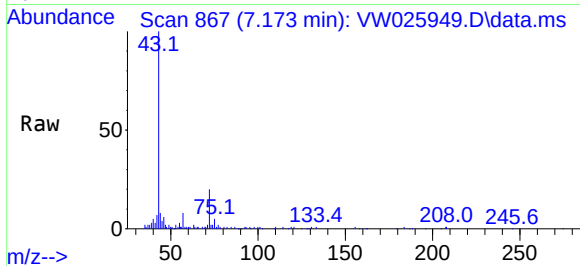




#22
2-Butanone
Concen: 9.991 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025949.D
Acq: 11 May 2023 12:14

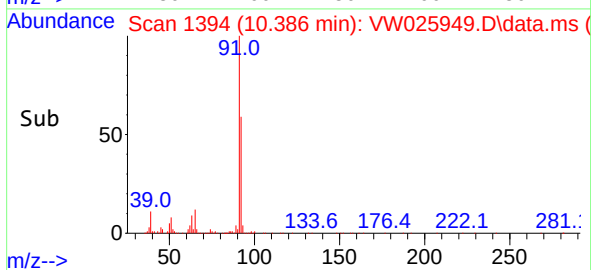
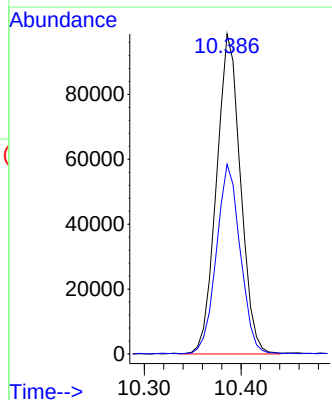
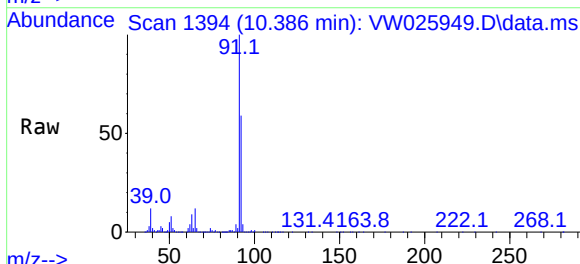
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MSVOA_W
ClientSampleId :

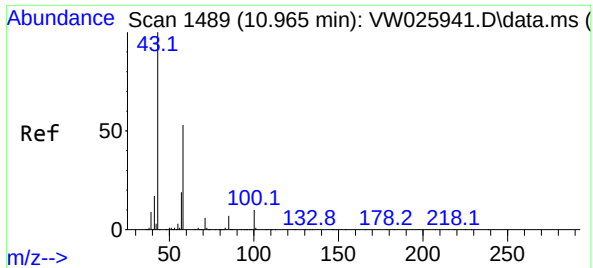
Tgt Ion: 43 Resp: 44521
Ion Ratio Lower Upper
43 100
72 20.4 11.8 35.4



#42
Toluene
Concen: 4.598 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025949.D
Acq: 11 May 2023 12:14

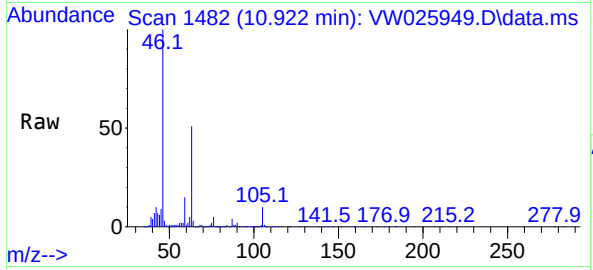
Tgt Ion: 91 Resp: 170028
Ion Ratio Lower Upper
91 100
92 59.2 40.2 74.6





#48
2-Hexanone
Concen: 3.056 ug/L
RT: 10.922 min Scan# 14
Delta R.T. -0.043 min
Lab File: VW025949.D
Acq: 11 May 2023 12:14

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43	Resp: 14131
Ion Ratio	Lower Upper
43 100	
58 22.8	40.8 61.2#
57 28.1	13.6 20.4#
100 1.5	8.0 12.0#

