

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025947.D
 Acq On : 11 May 2023 11:26
 Operator : SY/MD
 Sample : 02689--20
 Misc : 3.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 12 05:37:43 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)

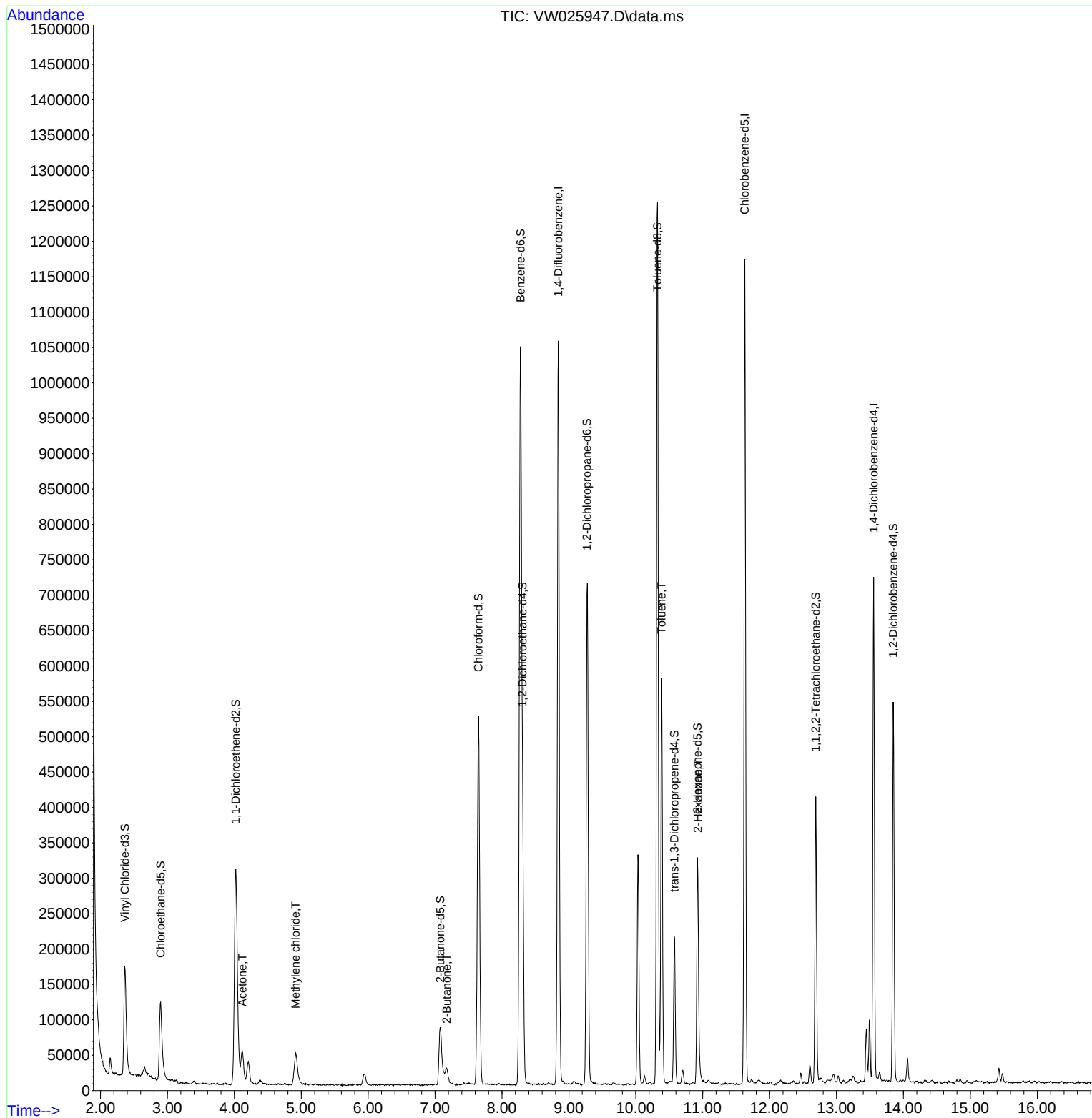
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	829404	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	585715	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	172701	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	242054	20.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.360%
7) Chloroethane-d5	2.899	69	171963	19.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.960%
11) 1,1-Dichloroethene-d2	4.021	65	120299	20.441	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.760%
21) 2-Butanone-d5	7.075	46	139413	35.881	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.760%
24) Chloroform-d	7.648	84	518040	21.661	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.640%
26) 1,2-Dichloroethane-d4	8.307	65	301445	22.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.160%
32) Benzene-d6	8.276	84	1029662	26.904	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	9.270	67	334877	27.348	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.400%
41) Toluene-d8	10.325	98	811325	23.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.080%
43) trans-1,3-Dichloroprop...	10.575	79	113200	22.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.240%
47) 2-Hexanone-d5	10.922	63	103791	49.707	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	200325	21.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	126318	20.064	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.240%
Target Compounds						
					Qvalue	
13) Acetone	4.119	43	78446	22.769	ug/L	98
16) Methylene chloride	4.917	84	36828	2.153	ug/L	94
22) 2-Butanone	7.173	43	44193	9.290	ug/L	94
42) Toluene	10.386	91	395739	9.558	ug/L	95
48) 2-Hexanone	10.928	43	14390	2.780	ug/L #	68

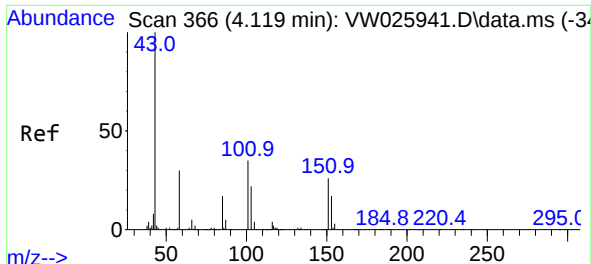
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration

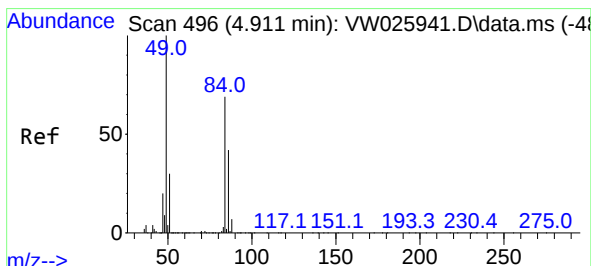
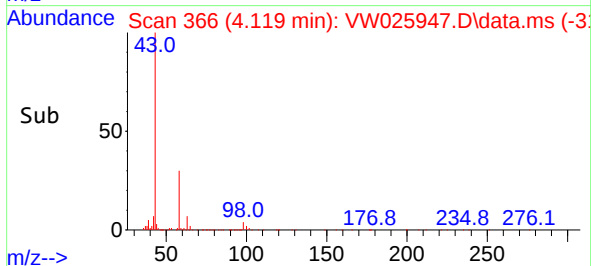
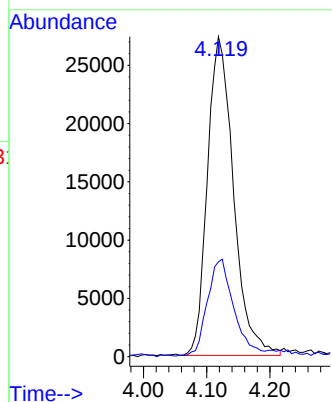
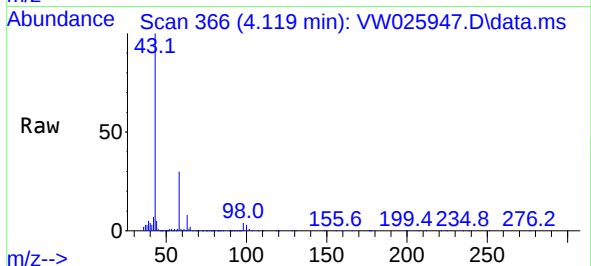




#13
Acetone
Concen: 22.769 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW025947.D
Acq: 11 May 2023 11:26

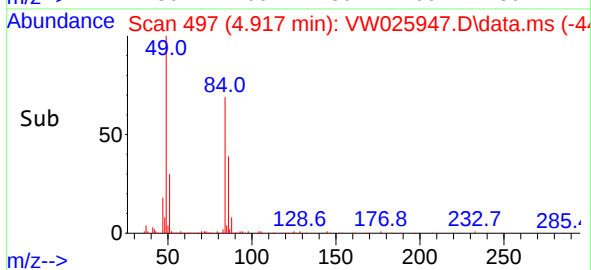
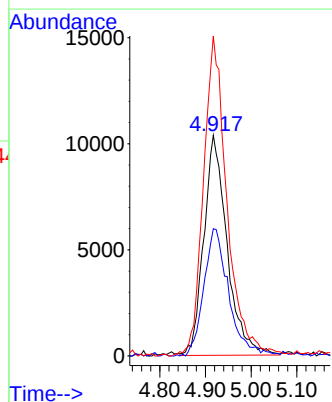
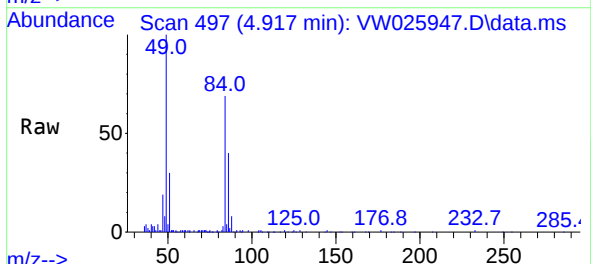
Instrument :
MSVOA_W
ClientSampleId :

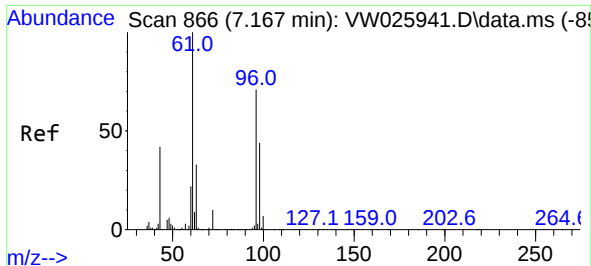
Tgt Ion: 43 Resp: 78446
Ion Ratio Lower Upper
43 100
58 30.3 0.0 58.2



#16
Methylene chloride
Concen: 2.153 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025947.D
Acq: 11 May 2023 11:26

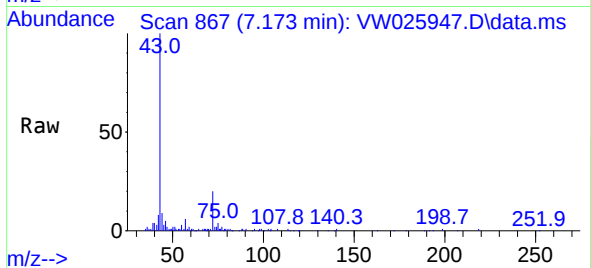
Tgt Ion: 84 Resp: 36828
Ion Ratio Lower Upper
84 100
86 57.6 41.7 77.5
49 145.1 95.3 177.1



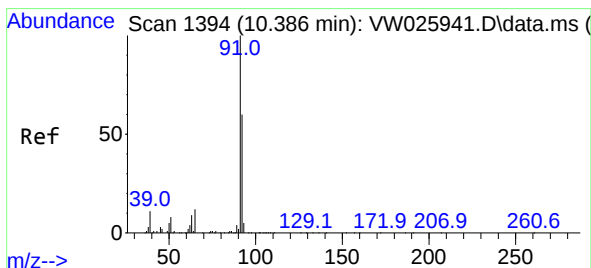
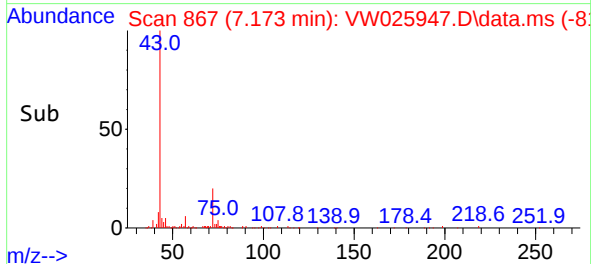
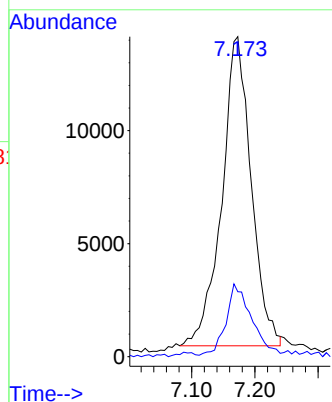


#22
2-Butanone
Concen: 9.290 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025947.D
Acq: 11 May 2023 11:26

Instrument :
MSVOA_W
ClientSampleId :

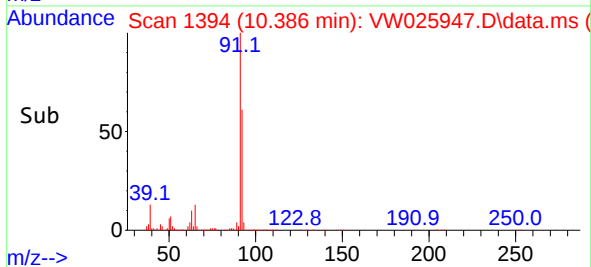
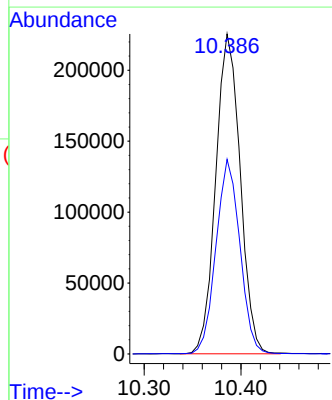
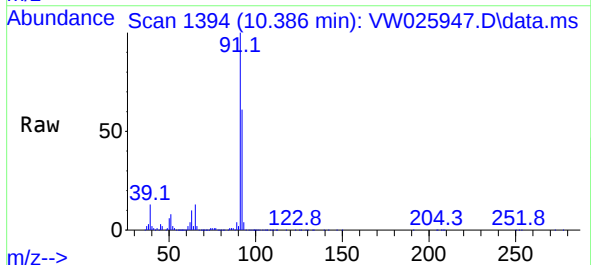


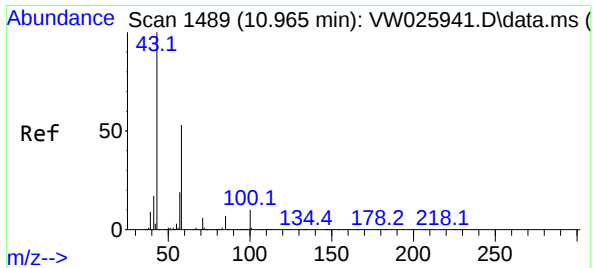
Tgt Ion: 43 Resp: 44193
Ion Ratio Lower Upper
43 100
72 20.4 11.8 35.4



#42
Toluene
Concen: 9.558 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025947.D
Acq: 11 May 2023 11:26

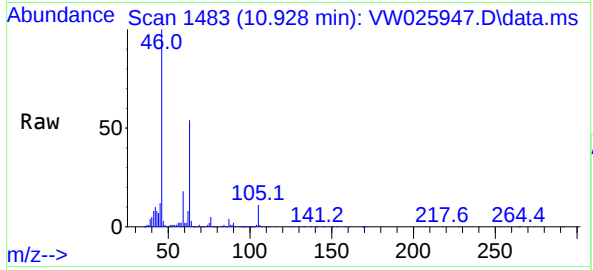
Tgt Ion: 91 Resp: 395739
Ion Ratio Lower Upper
91 100
92 60.8 40.2 74.6





#48
2-Hexanone
Concen: 2.780 ug/L
RT: 10.928 min Scan# 14
Delta R.T. -0.036 min
Lab File: VW025947.D
Acq: 11 May 2023 11:26

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 14390

Ion	Ratio	Lower	Upper
43	100		
58	29.1	40.8	61.2#
57	33.3	13.6	20.4#
100	0.7	8.0	12.0#

