

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
 Data File : VW028847.D
 Acq On : 28 May 2024 22:19
 Operator : SY/MD
 Sample : P2591-10
 Misc : 5.78g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 29 05:48:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 02:08:39 2024
 Response via : Initial Calibration

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

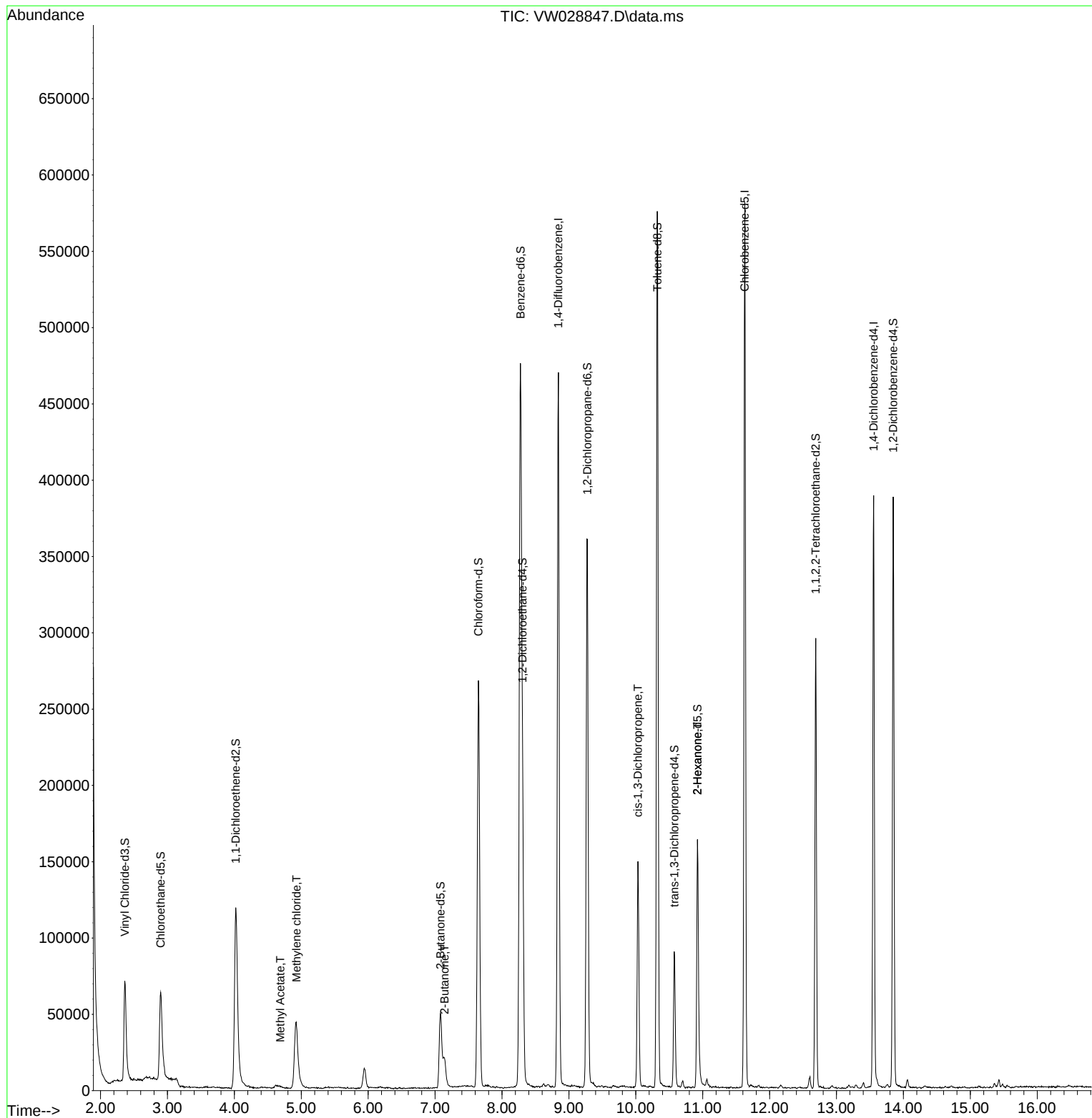
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	362871	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	301260	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93844	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	98522	14.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.200%
7) Chloroethane-d5	2.899	69	95328	18.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.280%
11) 1,1-Dichloroethene-d2	4.021	65	45962	15.965	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.840%
21) 2-Butanone-d5	7.081	46	83006	46.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.340%
24) Chloroform-d	7.648	84	265595	23.424	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	8.307	65	154248	23.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.040%
32) Benzene-d6	8.276	84	474776	23.621	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.480%
36) 1,2-Dichloropropane-d6	9.276	67	166057	27.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.840%
41) Toluene-d8	10.325	98	377573	21.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.840%
43) trans-1,3-Dichloroprop...	10.575	79	48518	19.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.760%
47) 2-Hexanone-d5	10.922	63	51107	48.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144365	28.465	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	94029	26.289	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.160%
Target Compounds						
					Qvalue	
15) Methyl Acetate	4.685	43	853	0.300	ug/L #	74
16) Methylene chloride	4.929	84	39221	6.989	ug/L	83
22) 2-Butanone	7.142	43	7615	3.628	ug/L #	55
39) cis-1,3-Dichloropropene	10.032	75	3960	0.543	ug/L	88
48) 2-Hexanone	10.922	43	12152	4.968	ug/L #	67

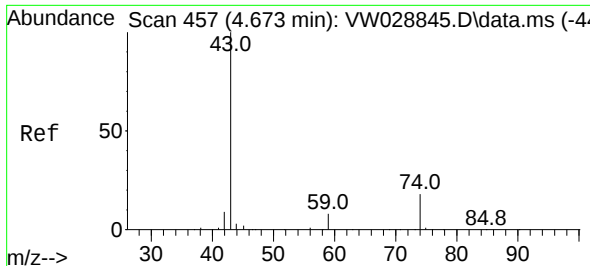
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.300 ug/L

RT: 4.685 min Scan# 4

Delta R.T. 0.012 min

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Instrument :

MSVOA_W

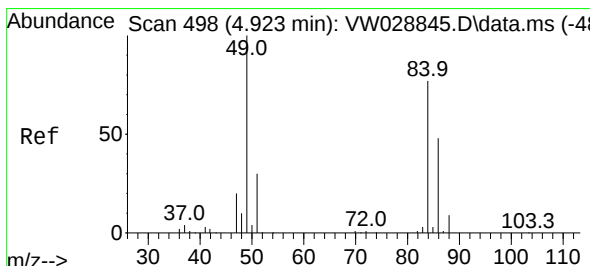
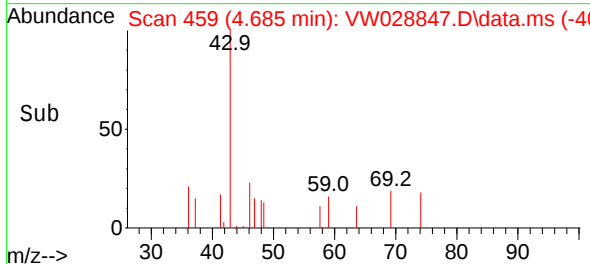
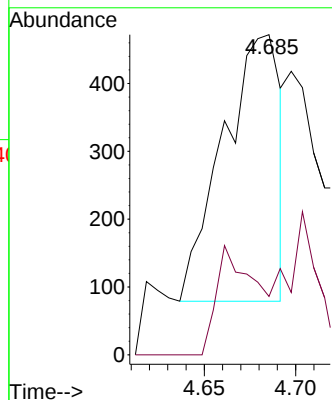
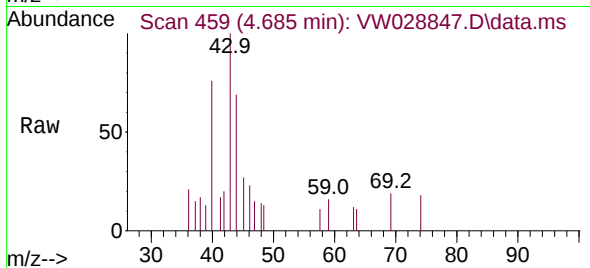
ClientSampleId :

Tgt Ion: 43 Resp: 853

Ion Ratio Lower Upper

43 100

74 9.4 17.6 26.4#



#16

Methylene chloride

Concen: 6.989 ug/L

RT: 4.929 min Scan# 499

Delta R.T. 0.006 min

Lab File: VW028847.D

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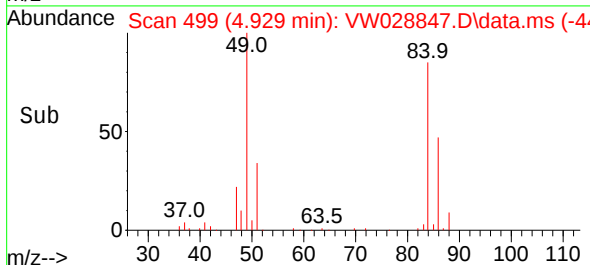
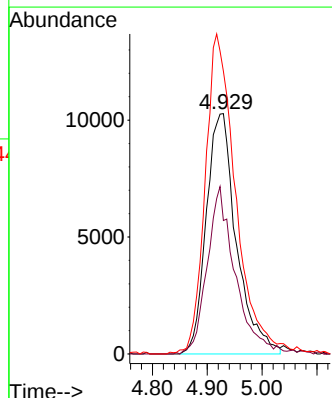
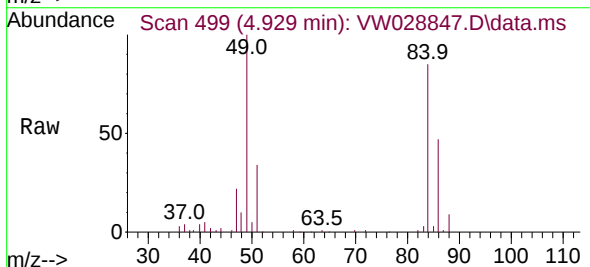
Tgt Ion: 84 Resp: 39221

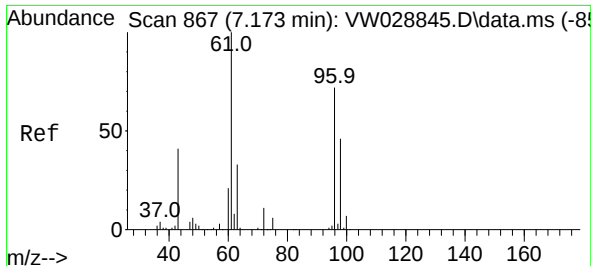
Ion Ratio Lower Upper

84 100

86 55.5 44.4 82.4

49 117.6 100.2 186.2





#22

2-Butanone

Concen: 3.628 ug/L

RT: 7.142 min Scan# 8

Delta R.T. -0.031 min

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Instrument :

MSVOA_W

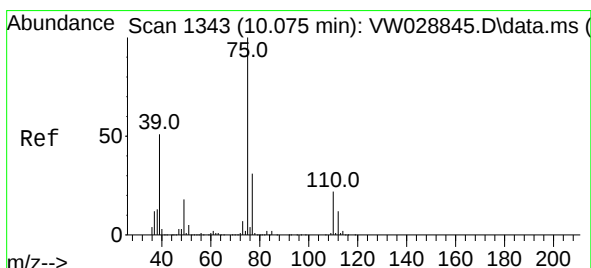
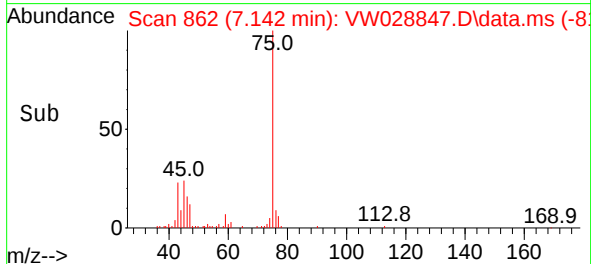
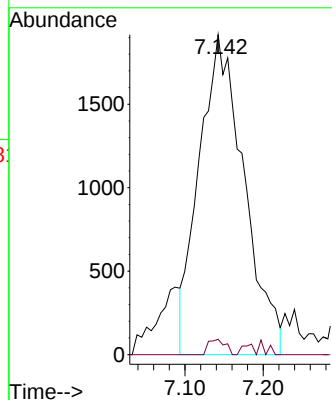
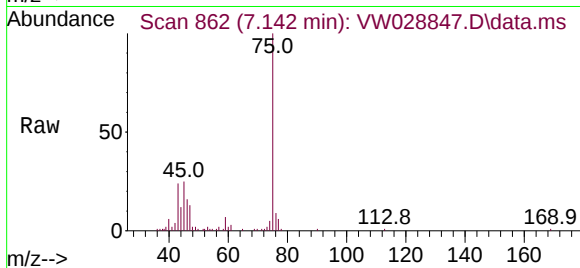
ClientSampleId :

Tgt Ion: 43 Resp: 7615

Ion Ratio Lower Upper

43 100

72 1.8 12.2 36.6#



#39

cis-1,3-Dichloropropene

Concen: 0.543 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.043 min

Lab File: VW028847.D

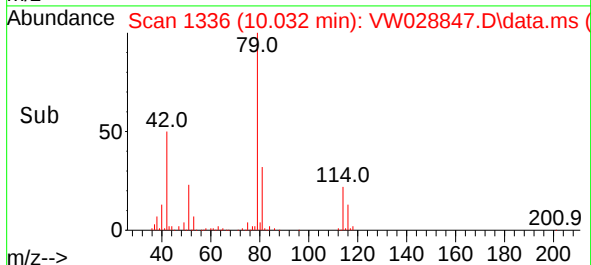
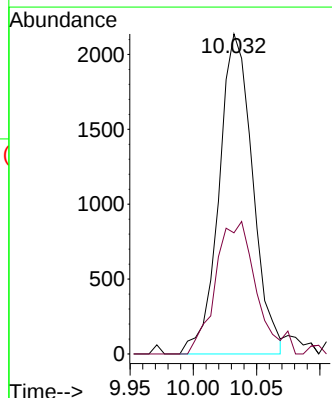
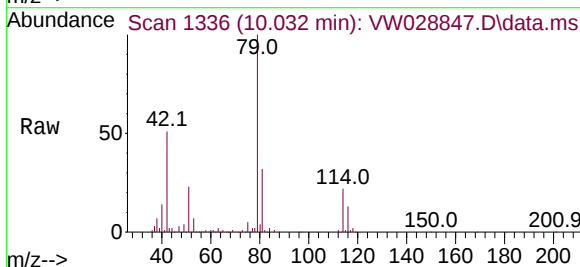
Acq: 28 May 2024 22:19

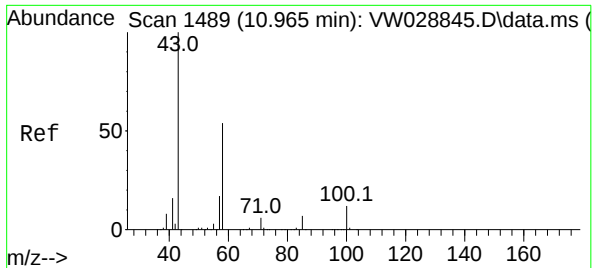
Tgt Ion: 75 Resp: 3960

Ion Ratio Lower Upper

75 100

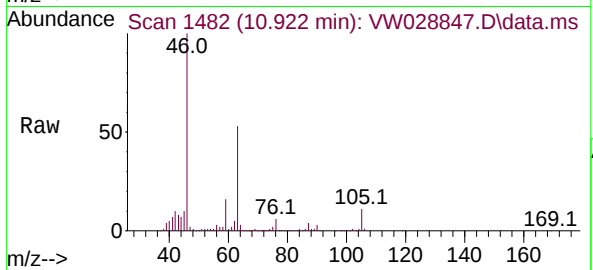
77 37.9 21.8 40.6





#48
 2-Hexanone
 Concen: 4.968 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW028847.D
 Acq: 28 May 2024 22:19

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt	Ion: 43	Resp:	12152
Ion	Ratio	Lower	Upper
43	100		
58	19.2	41.0	61.4#
57	21.1	14.8	22.2
100	2.9	8.6	12.8#

