

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
 Data File : VW029531.D
 Acq On : 11 Jul 2024 15:58
 Operator : SY/MD
 Sample : P3178-11
 Misc : 5.03g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 04:35:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 04:31:40 2024
 Response via : Initial Calibration

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

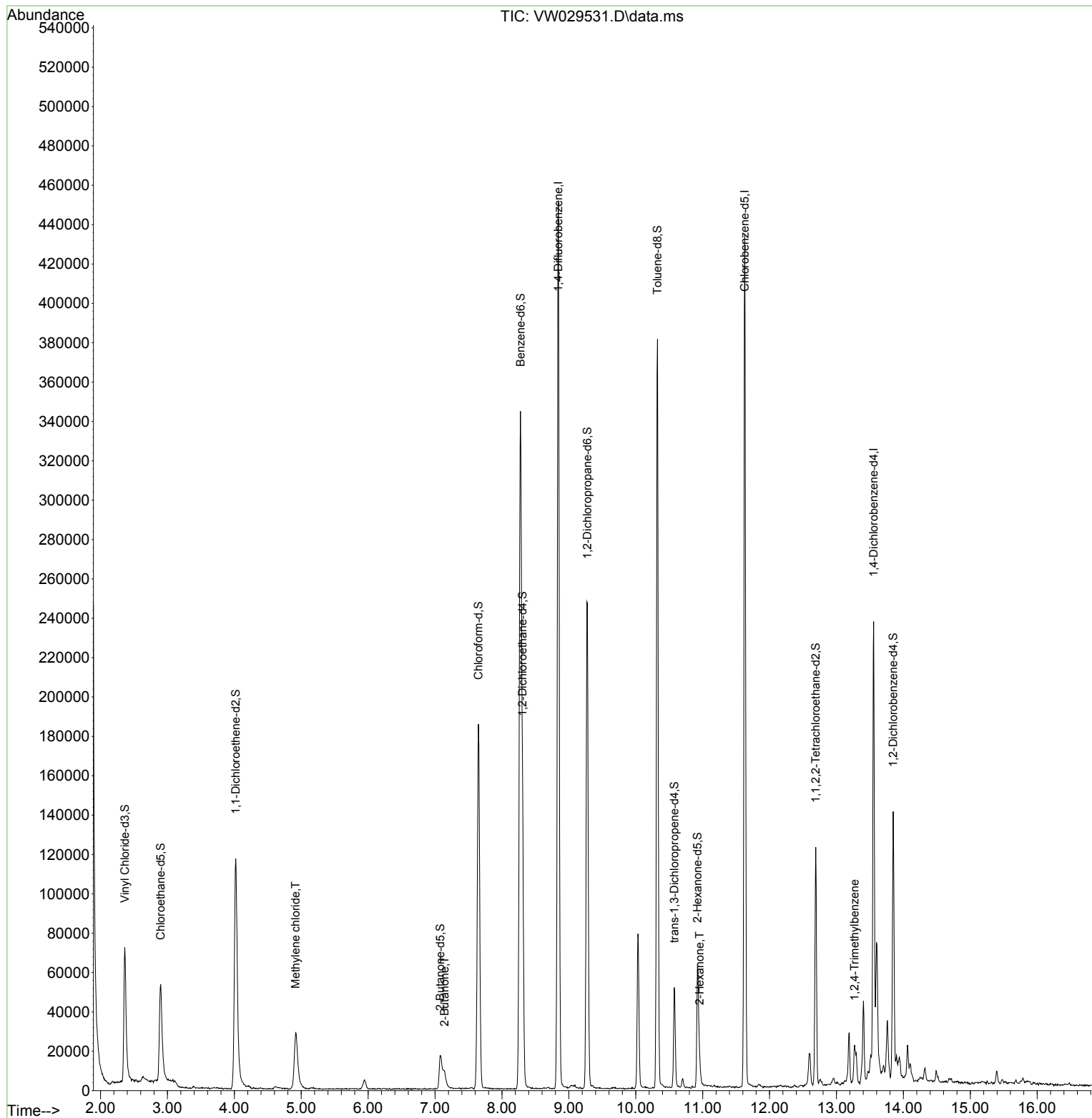
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	348953	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	221698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	53389	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101256	17.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.840%
7) Chloroethane-d5	2.899	69	79182	19.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.040%
11) 1,1-Dichloroethene-d2	4.021	65	43963	17.367	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.480%
21) 2-Butanone-d5	7.075	46	28287	16.716	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.440%
24) Chloroform-d	7.648	84	184232	18.262	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.040%
26) 1,2-Dichloroethane-d4	8.307	65	109023	18.425	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.720%
32) Benzene-d6	8.276	84	335365	25.252	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	9.276	67	114323	26.922	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.680%
41) Toluene-d8	10.325	98	237767	20.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.440%
43) trans-1,3-Dichloroprop...	10.575	79	27716	15.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.640%
47) 2-Hexanone-d5	10.922	63	17425	22.582	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58071	16.843	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	30518	16.414	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	65.640%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.917	84	24123	3.861	ug/L	96
22) 2-Butanone	7.142	43	10447	4.659	ug/L #	53
48) 2-Hexanone	10.953	43	9665	4.759	ug/L #	42
63) 1,2,4-Trimethylbenzene	13.269	105	6870	1.165	ug/L #	37

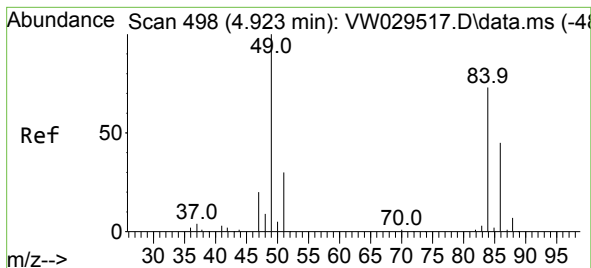
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.861 ug/L

RT: 4.917 min Scan# 49

Delta R.T. -0.006 min

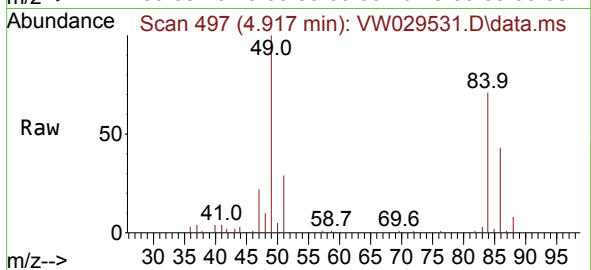
Lab File: VW029531.D

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Instrument :

MSVOA_W

ClientSampleId :



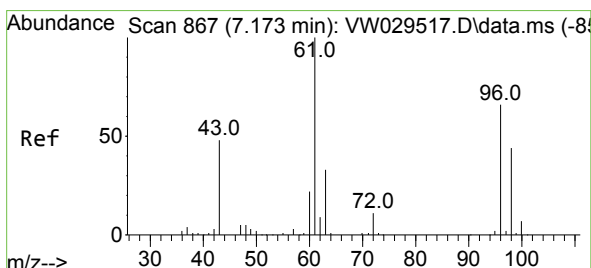
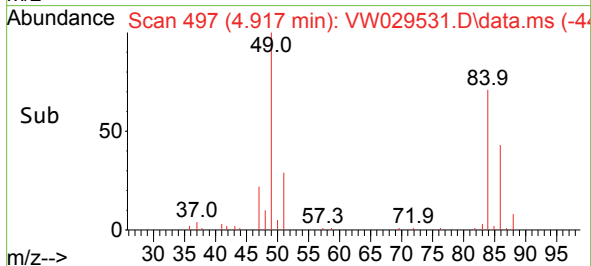
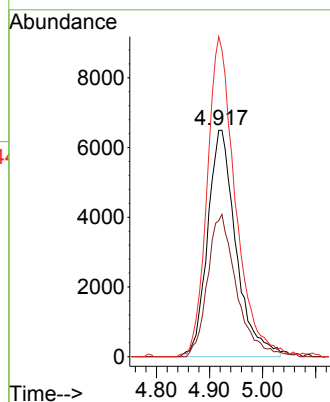
Tgt Ion: 84 Resp: 24123

Ion Ratio Lower Upper

84 100

86 60.2 46.2 85.8

49 141.3 96.7 179.7



#22

2-Butanone

Concen: 4.659 ug/L

RT: 7.142 min Scan# 862

Delta R.T. -0.030 min

Lab File: VW029531.D

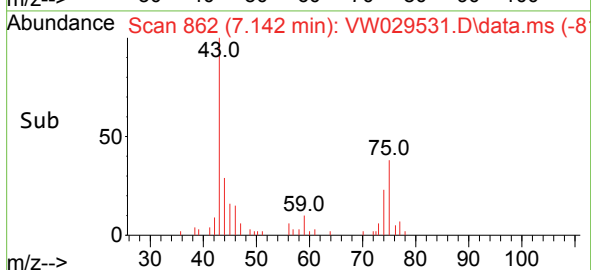
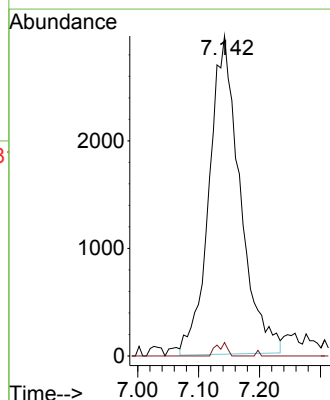
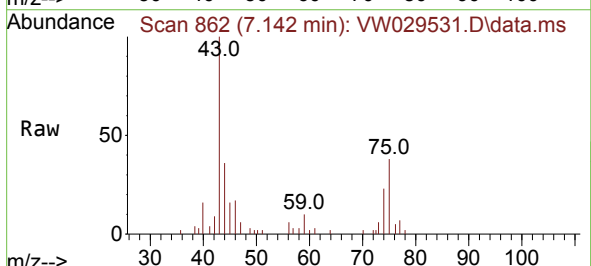
Acq: 11 Jul 2024 15:58

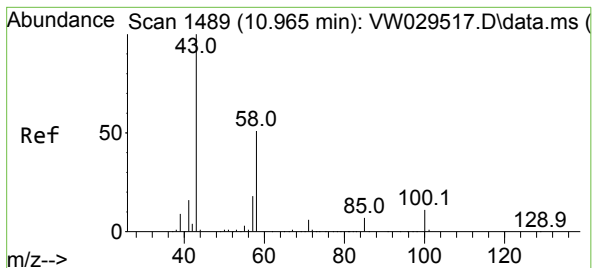
Tgt Ion: 43 Resp: 10447

Ion Ratio Lower Upper

43 100

72 0.6 12.0 36.1#





#48

2-Hexanone

Concen: 4.759 ug/L

RT: 10.953 min Scan# 1487

Delta R.T. -0.012 min

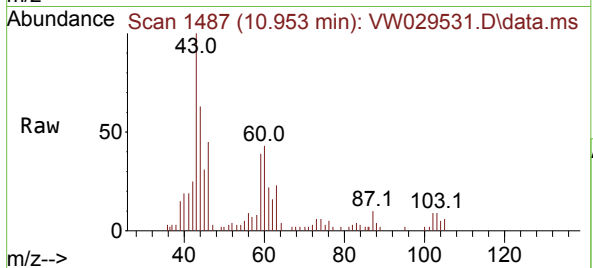
Lab File: VW029531.D

Acq: 11 Jul 2024 15:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 9665

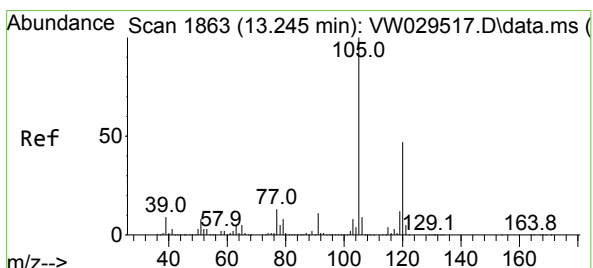
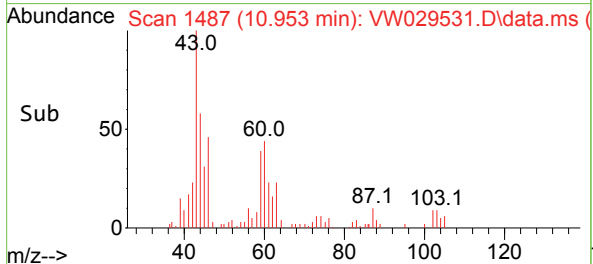
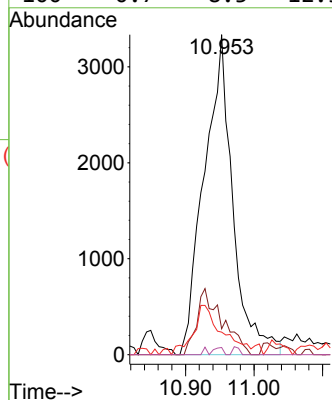
Ion Ratio Lower Upper

43 100

58 1.2 39.8 59.8#

57 0.0 14.6 21.8#

100 0.7 8.3 12.5#



#63

1,2,4-Trimethylbenzene

Concen: 1.165 ug/L

RT: 13.269 min Scan# 1867

Delta R.T. 0.024 min

Lab File: VW029531.D

Acq: 11 Jul 2024 15:58

Tgt Ion:105 Resp: 6870

Ion Ratio Lower Upper

105 100

120 3.0 34.7 52.1#

