

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029544.D
 Acq On : 12 Jul 2024 12:21
 Operator : SY/MD
 Sample : P3178-03
 Misc : 5.35g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 23:24:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

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

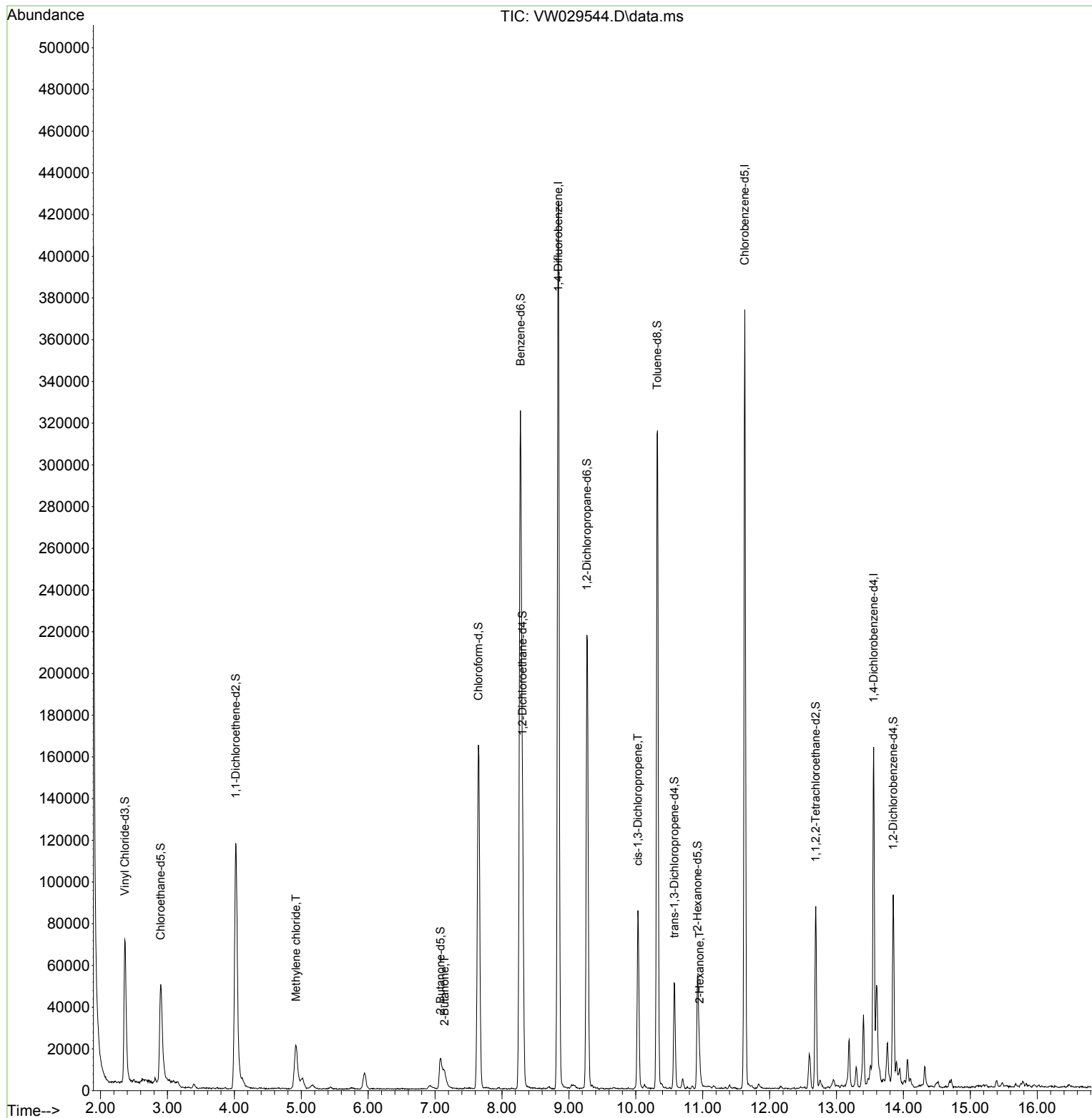
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	328259	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	186379	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	39529	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	97851	18.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.800%
7) Chloroethane-d5	2.899	69	76844	20.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.520%
11) 1,1-Dichloroethene-d2	4.021	65	42697	17.931	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.720%
21) 2-Butanone-d5	7.081	46	24022	15.091	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.180%
24) Chloroform-d	7.648	84	167623	17.664	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.640%
26) 1,2-Dichloroethane-d4	8.307	65	95577	17.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.680%#
32) Benzene-d6	8.276	84	314596	28.177	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.720%
36) 1,2-Dichloropropane-d6	9.270	67	101716	28.493	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.960%
41) Toluene-d8	10.319	98	204993	20.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.520%
43) trans-1,3-Dichloroprop...	10.575	79	27497	18.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.760%
47) 2-Hexanone-d5	10.922	63	15708	24.215	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	42140	14.539	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	21068	15.304	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	61.200%#
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	16590	2.823	ug/L	99
22) 2-Butanone	7.142	43	9234	4.378	ug/L #	56
39) cis-1,3-Dichloropropene	10.032	75	2348	0.485	ug/L #	64
48) 2-Hexanone	10.953	43	9793	5.736	ug/L #	41

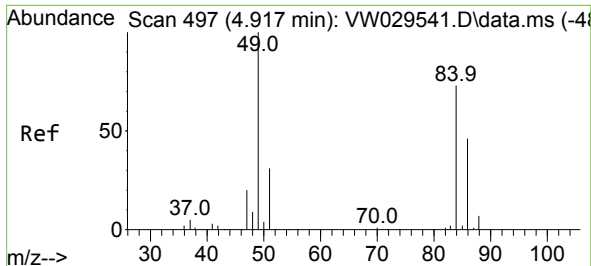
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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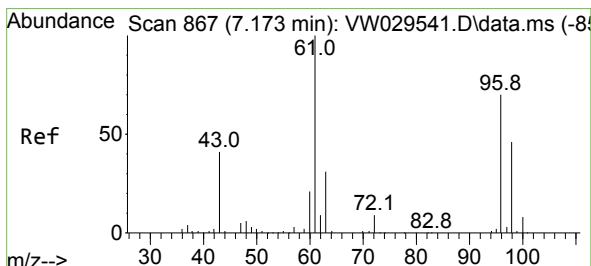
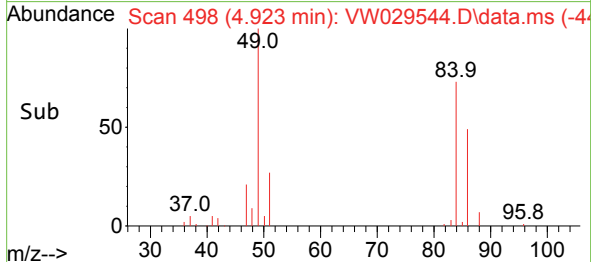
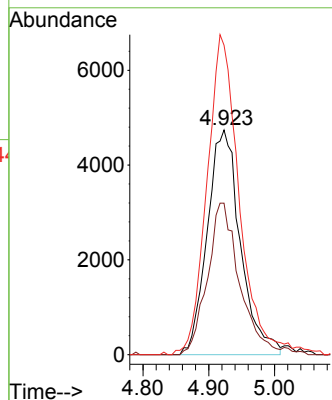
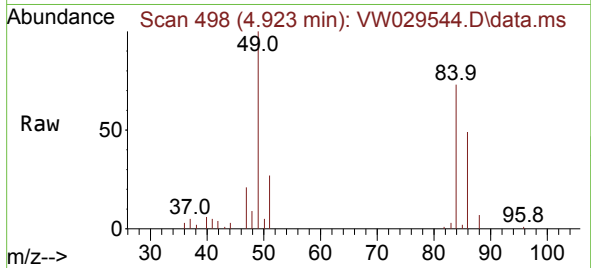




#16
Methylene chloride
Concen: 2.823 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW029544.D
Acq: 12 Jul 2024 12:21

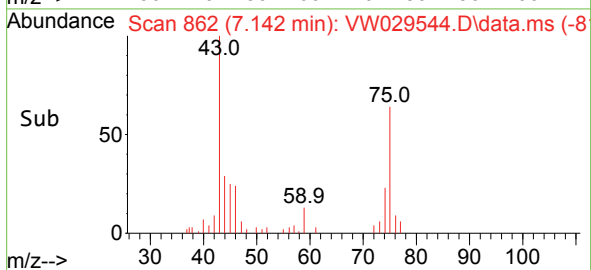
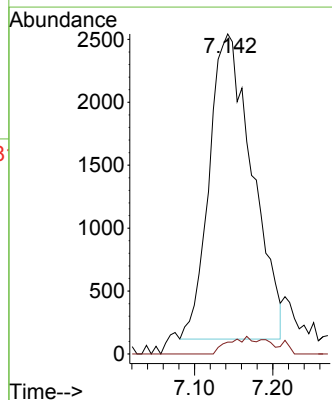
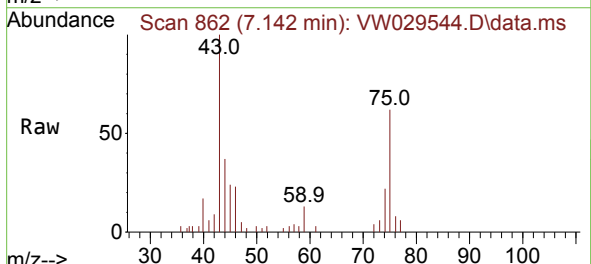
Instrument :
MSVOA_W
ClientSampleId :

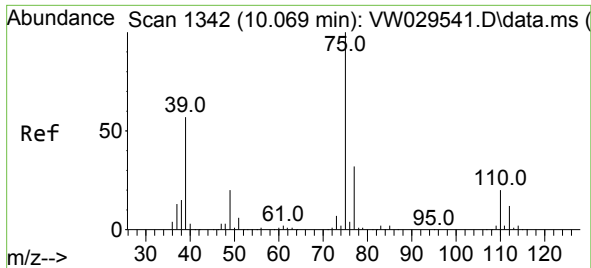
Tgt Ion: 84 Resp: 16590
Ion Ratio Lower Upper
84 100
86 67.5 46.2 85.8
49 137.8 96.7 179.7



#22
2-Butanone
Concen: 4.378 ug/L
RT: 7.142 min Scan# 862
Delta R.T. -0.031 min
Lab File: VW029544.D
Acq: 12 Jul 2024 12:21

Tgt Ion: 43 Resp: 9234
Ion Ratio Lower Upper
43 100
72 2.1 12.0 36.1#





#39

cis-1,3-Dichloropropene

Concen: 0.485 ug/L

RT: 10.032 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW029544.D

Acq: 12 Jul 2024 12:21

Instrument :

MSVOA_W

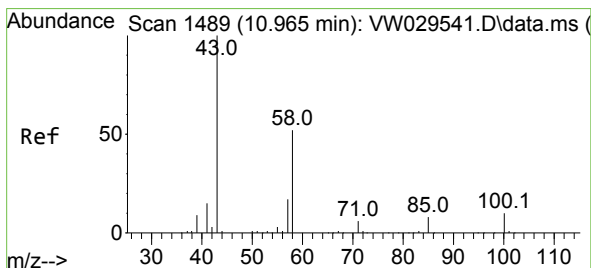
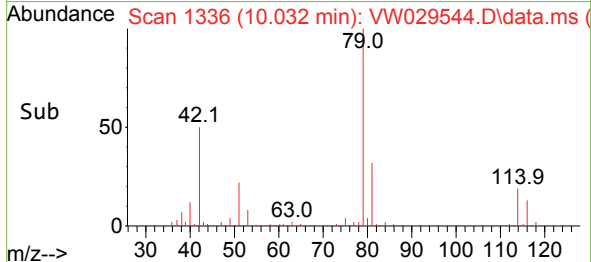
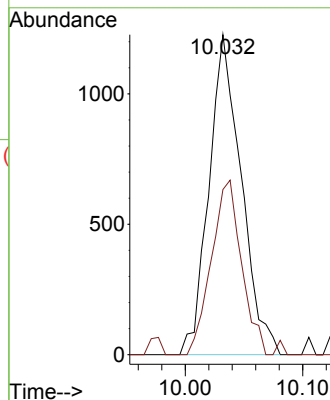
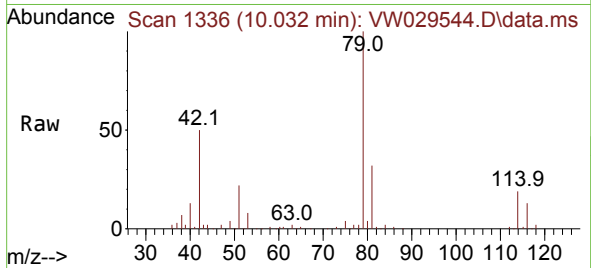
ClientSampleId :

Tgt Ion: 75 Resp: 2348

Ion Ratio Lower Upper

75 100

77 51.6 22.2 41.2#



#48

2-Hexanone

Concen: 5.736 ug/L

RT: 10.953 min Scan# 1487

Delta R.T. -0.012 min

Lab File: VW029544.D

Acq: 12 Jul 2024 12:21

Tgt Ion: 43 Resp: 9793

Ion Ratio Lower Upper

43 100

58 0.0 39.8 59.8#

57 0.0 14.6 21.8#

100 0.6 8.3 12.5#

