

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041924\
 Data File : VW028489.D
 Acq On : 19 Apr 2024 12:17
 Operator : SY/MD
 Sample : P2164-09
 Misc : 5.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 19 21:46:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 19 21:45:04 2024
 Response via : Initial Calibration

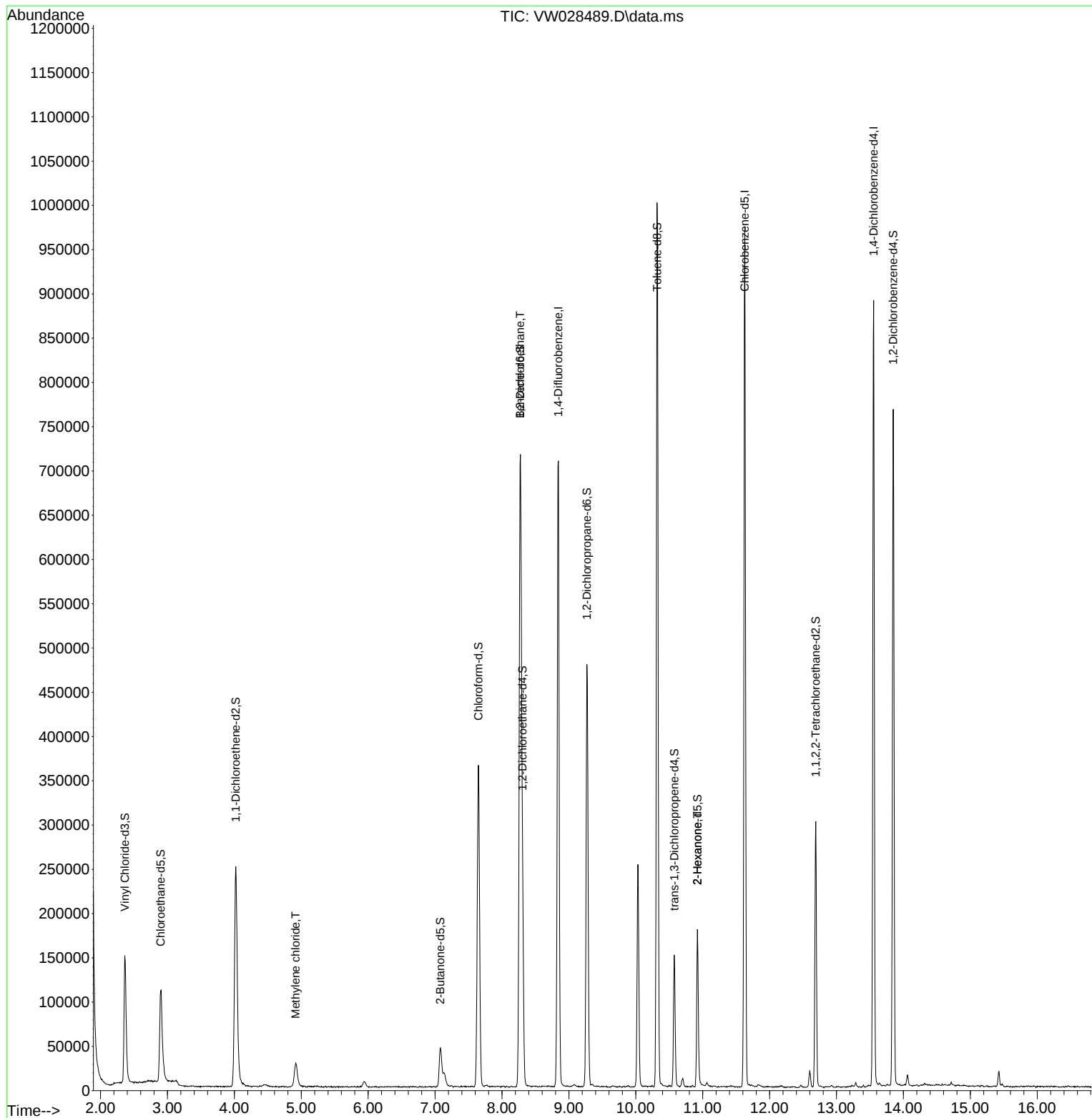
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	568792	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	499561	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	205334	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	197668	21.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.720%
7) Chloroethane-d5	2.899	69	158293	22.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	4.021	65	85573	22.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.640%
21) 2-Butanone-d5	7.075	46	78765	46.160	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.320%
24) Chloroform-d	7.648	84	356498	24.019	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.080%
26) 1,2-Dichloroethane-d4	8.307	65	191087	24.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.080%
32) Benzene-d6	8.270	84	712899	26.122	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.480%
36) 1,2-Dichloropropane-d6	9.270	67	213584	26.329	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.320%
41) Toluene-d8	10.319	98	646144	26.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.160%
43) trans-1,3-Dichloroprop...	10.575	79	78478	24.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.320%
47) 2-Hexanone-d5	10.922	63	56020	49.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	145299	25.387	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	187544	28.881	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.520%
Target Compounds						
16) Methylene chloride	4.917	84	20833	2.421	ug/L	98
27) 1,2-Dichloroethane	8.270	62	4927	0.470	ug/L	100
48) 2-Hexanone	10.922	43	8215	2.540	ug/L #	68

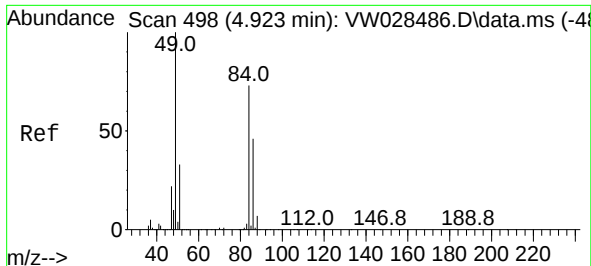
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.421 ug/L

RT: 4.917 min Scan# 49

Delta R.T. -0.006 min

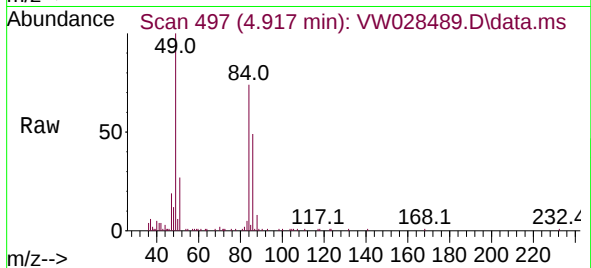
Lab File: VW028489.D

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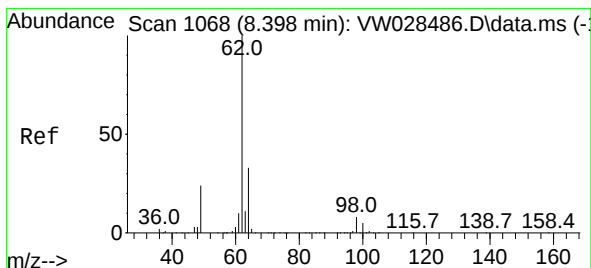
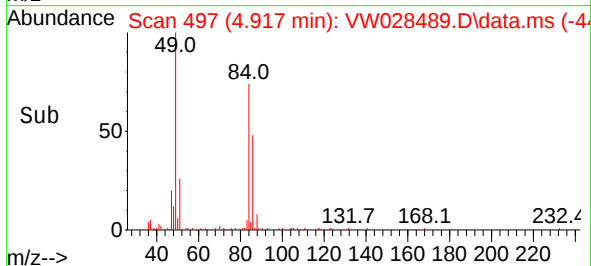
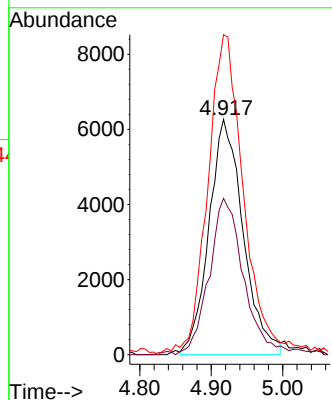
Tgt Ion: 84 Resp: 20833

Ion Ratio Lower Upper

84 100

86 66.5 44.2 82.0

49 136.0 95.0 176.4



#27

1,2-Dichloroethane

Concen: 0.470 ug/L

RT: 8.270 min Scan# 1047

Delta R.T. -0.128 min

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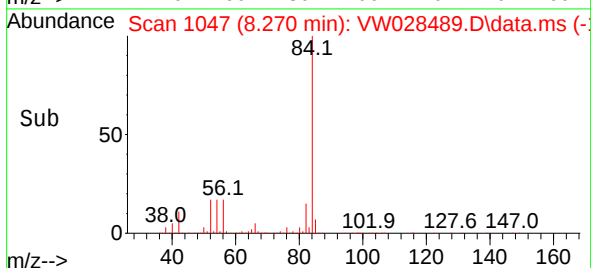
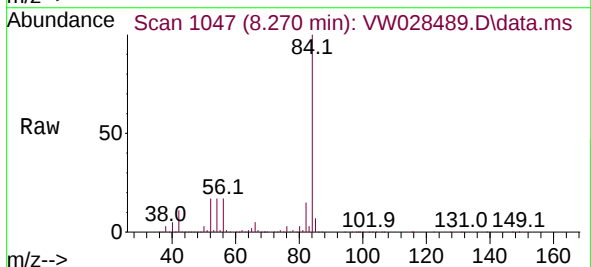
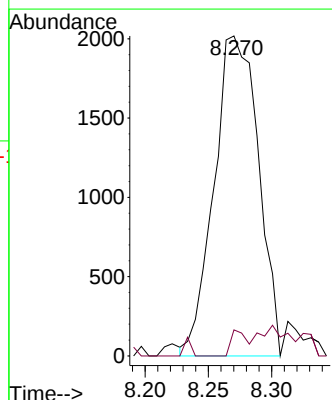
Acq: 19 Apr 2024 12:17

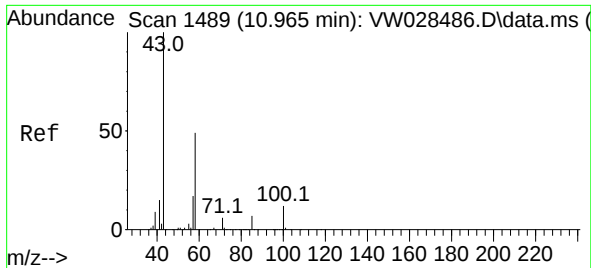
Tgt Ion: 62 Resp: 4927

Ion Ratio Lower Upper

62 100

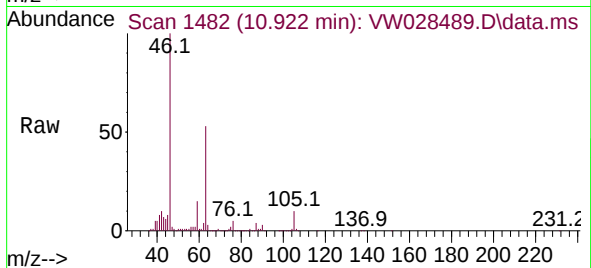
98 8.1 6.6 10.0





#48
 2-Hexanone
 Concen: 2.540 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
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Tgt Ion: 43	Resp: 8215
Ion Ratio	Lower Upper
43	100
58	24.0 38.9 58.3#
57	28.8 14.4 21.6#
100	1.4 8.7 13.1#

