

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071624\
 Data File : VW029604.D
 Acq On : 16 Jul 2024 20:57
 Operator : SY/MD
 Sample : P3263-03
 Misc : 5.07g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 17 00:58:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 17 00:53:35 2024
 Response via : Initial Calibration

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

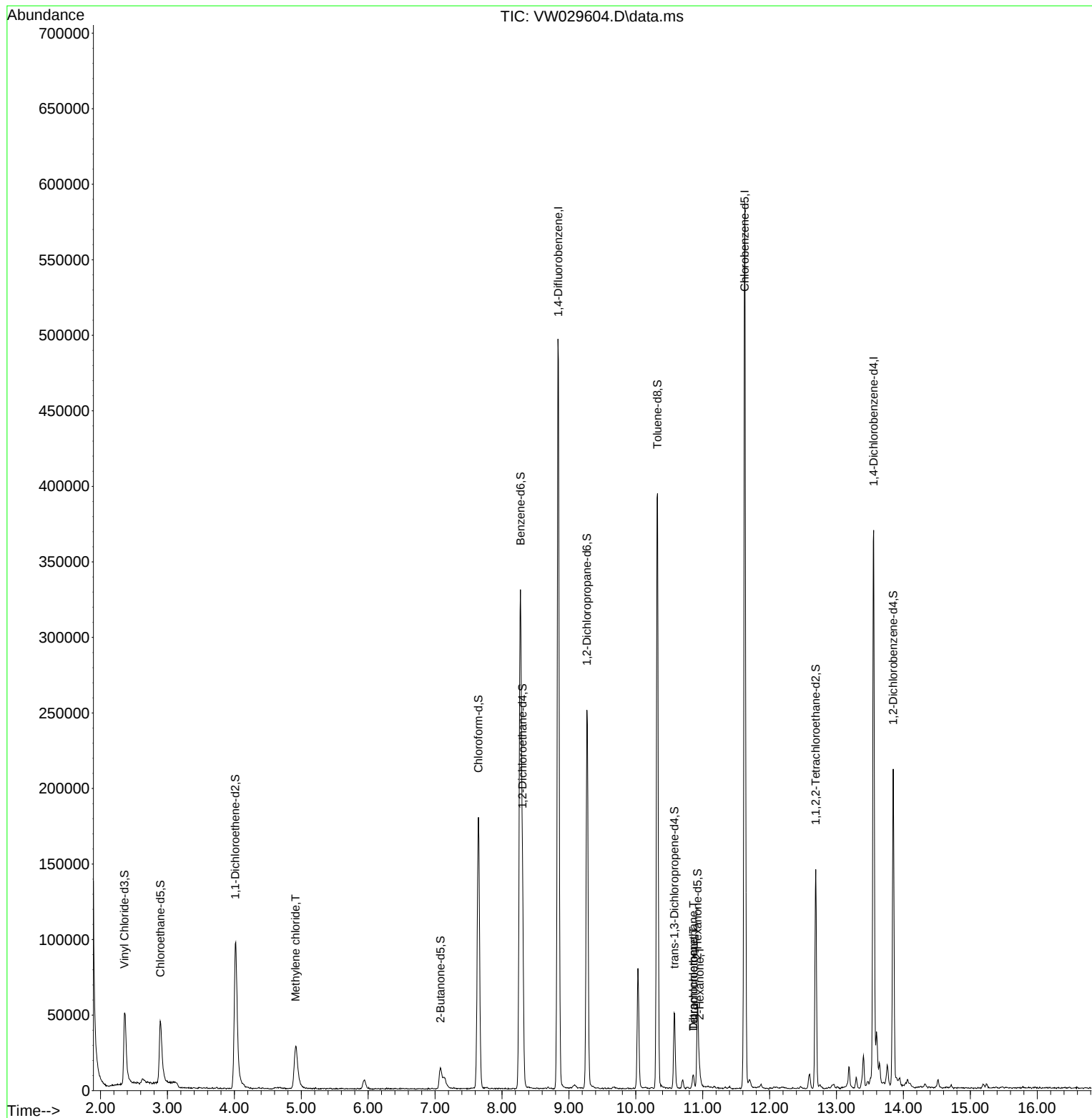
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	380783	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	292528	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	90783	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	79103	12.860	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.440%		
7) Chloroethane-d5	2.893	69	65347	14.754	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.000%		
11) 1,1-Dichloroethene-d2	4.015	65	37724	13.657	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.640%		
21) 2-Butanone-d5	7.081	46	23363	12.652	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	25.300%		
24) Chloroform-d	7.648	84	178042	16.174	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	64.680%		
26) 1,2-Dichloroethane-d4	8.307	65	105930	16.406	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	65.640%#		
32) Benzene-d6	8.276	84	318377	18.168	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	72.680%		
36) 1,2-Dichloropropane-d6	9.270	67	113609	20.276	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.120%		
41) Toluene-d8	10.325	98	250334	16.243	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	64.960%		
43) trans-1,3-Dichloroprop...	10.575	79	26729	11.265	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	45.080%		
47) 2-Hexanone-d5	10.922	63	17515	17.203	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	34.400%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70667	15.534	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	62.120%		
66) 1,2-Dichlorobenzene-d4	13.848	152	47602	15.056	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	60.240%#		
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	24375	3.576	ug/L	94
46) Tetrachloroethene	10.861	164	1800	0.524	ug/L #	80
48) 2-Hexanone	10.953	43	8469	3.160	ug/L #	41
49) Dibromochloromethane	10.861	129	1866	0.493	ug/L #	12

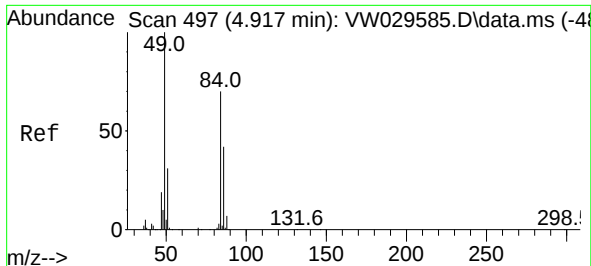
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.576 ug/L

RT: 4.917 min Scan# 49

Delta R.T. -0.000 min

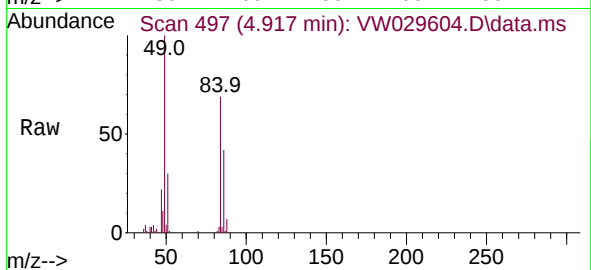
Lab File: VW029604.D

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MSVOA_W

ClientSampleId :



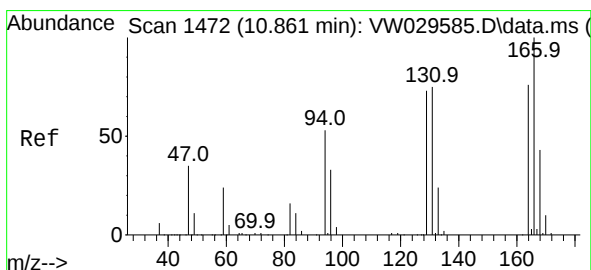
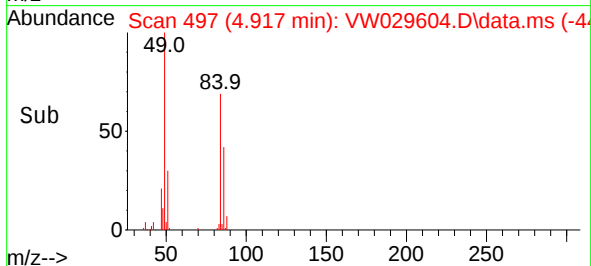
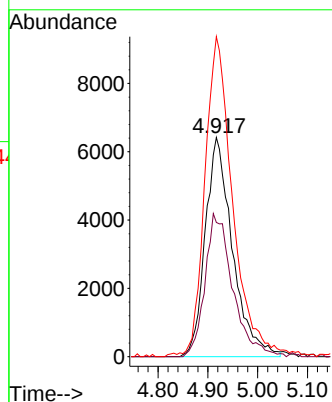
Tgt Ion: 84 Resp: 24375

Ion Ratio Lower Upper

84 100

86 61.2 46.2 85.8

49 146.0 96.7 179.7



#46

Tetrachloroethene

Concen: 0.524 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029604.D

Acq: 16 Jul 2024 20:57

Tgt Ion: 164 Resp: 1800

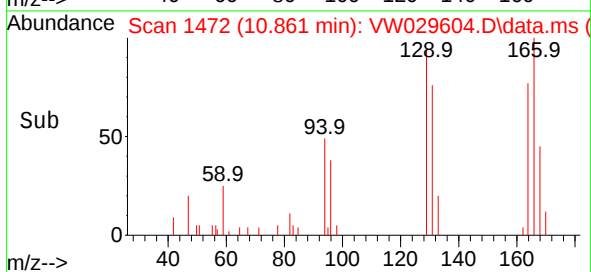
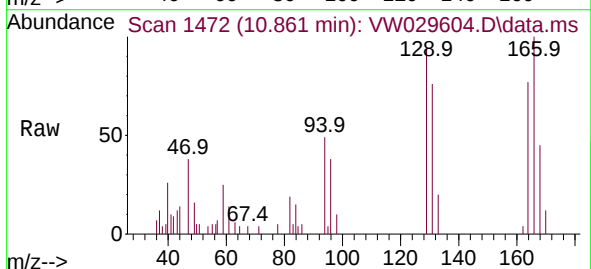
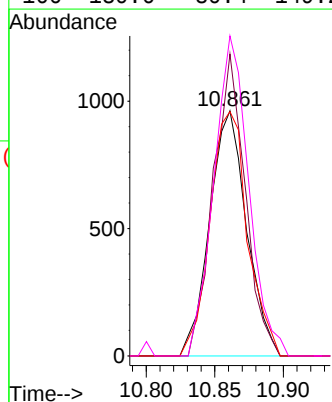
Ion Ratio Lower Upper

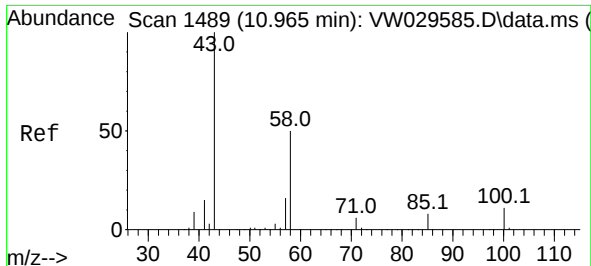
164 100

129 123.2 60.0 111.4#

131 99.7 64.6 120.0

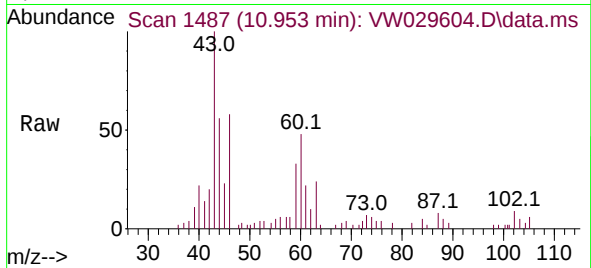
166 130.6 80.4 149.2



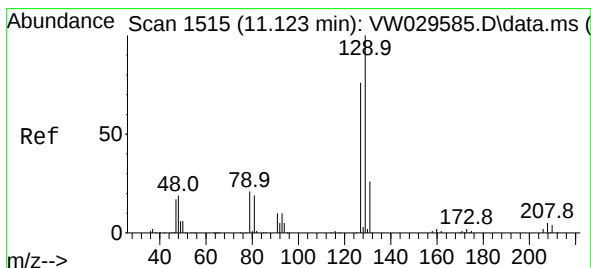
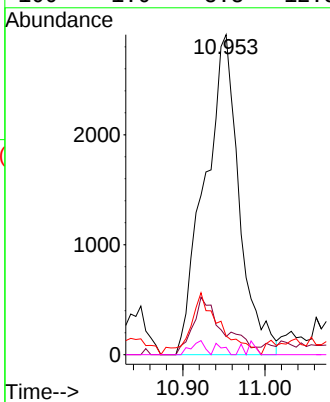
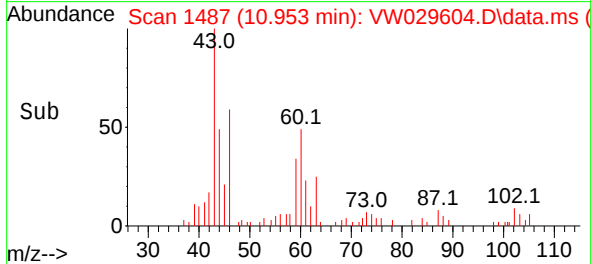


#48
2-Hexanone
Concen: 3.160 ug/L
RT: 10.953 min Scan# 1489
Delta R.T. -0.012 min
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Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	43	Resp:	8469
Ion Ratio	Lower	Upper	
43	100		
58	0.0	39.8	59.8#
57	0.0	14.6	21.8#
100	1.0	8.3	12.5#



#49
Dibromochloromethane
Concen: 0.493 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.262 min
Lab File: VW029604.D
Acq: 16 Jul 2024 20:57

Tgt Ion:	129	Resp:	1866
Ion Ratio	Lower	Upper	
129	100		
127	0.0	51.9	96.3#

