

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024421.D
 Acq On : 28 Aug 2022 00:31
 Operator : SY/VA
 Sample : N4363-16
 Misc : 6.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 05:01:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 04:56:06 2022
 Response via : Initial Calibration

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

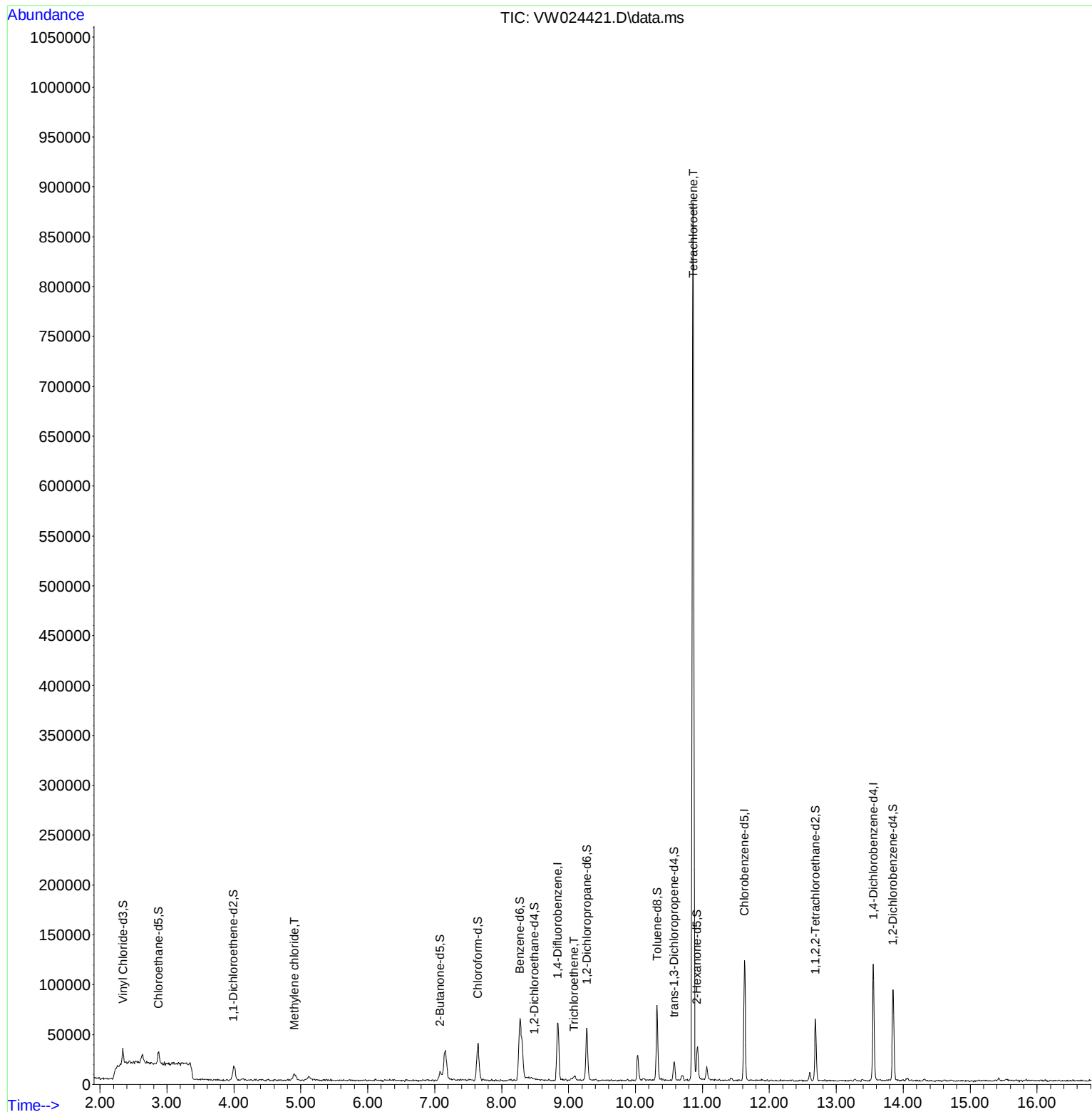
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	43429	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	57816	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	25380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	15177	12.678	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.720%		
7) Chloroethane-d5	2.873	69	12922	14.406	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.640%		
11) 1,1-Dichloroethene-d2	3.995	63	12443	11.984	ug/L	-0.02
Spiked Amount 25.000	Range 45 - 110		Recovery =	47.920%		
21) 2-Butanone-d5	7.080	46	15206	68.960	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	137.920%#		
24) Chloroform-d	7.647	84	35370	25.333	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.320%		
26) 1,2-Dichloroethane-d4	8.494	65	133	0.157	ug/L	0.19
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.640%#		
32) Benzene-d6	8.275	84	55842	16.858	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	67.440%		
36) 1,2-Dichloropropane-d6	9.274	67	22158	21.508	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.040%		
41) Toluene-d8	10.323	98	45261	14.371	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	57.480%		
43) trans-1,3-Dichloroprop...	10.579	79	9227	19.139	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.560%		
47) 2-Hexanone-d5	10.920	63	9878	42.848	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.700%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	27393	23.486	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.960%		
66) 1,2-Dichlorobenzene-d4	13.847	152	20556	21.508	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.040%		
Target Compounds						
					Qvalue	
16) Methylene chloride	4.903	84	4746	6.516	ug/L	82
34) Trichloroethene	9.085	95	1375	1.449	ug/L	90
46) Tetrachloroethene	10.866	164	161666	219.410	ug/L	93

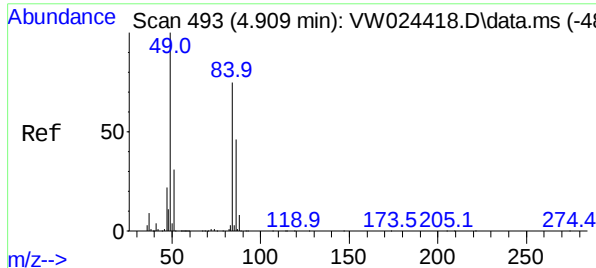
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Methylene chloride

Concen: 6.516 ug/L

RT: 4.903 min Scan# 4

Delta R.T. -0.006 min

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Instrument :

MSVOA_W

ClientSampleId :

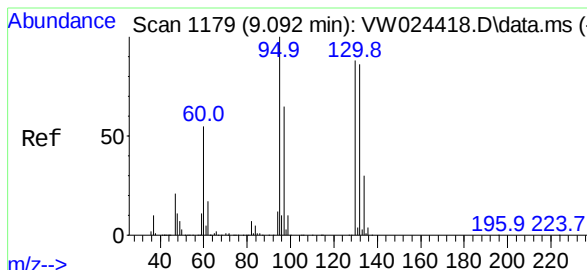
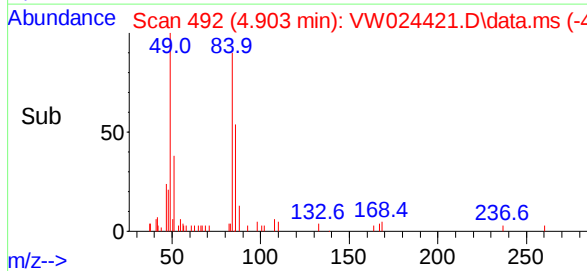
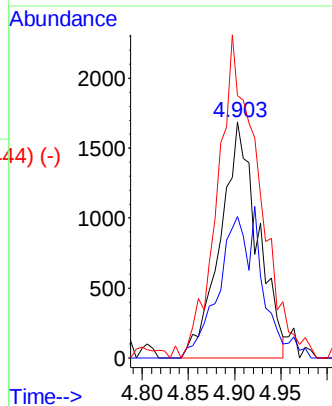
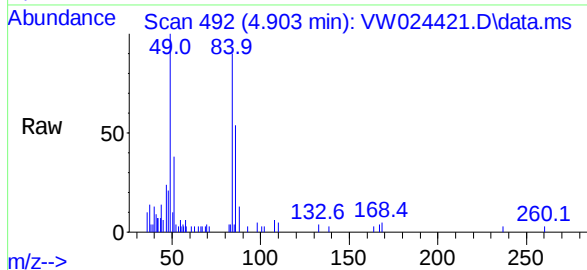
Tgt Ion: 84 Resp: 4746

Ion Ratio Lower Upper

84 100

86 60.0 47.7 88.7

49 111.3 96.6 179.4



Trichloroethene

Concen: 1.449 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

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Acq: 28 Aug 2022 00:31

Tgt Ion: 95 Resp: 1375

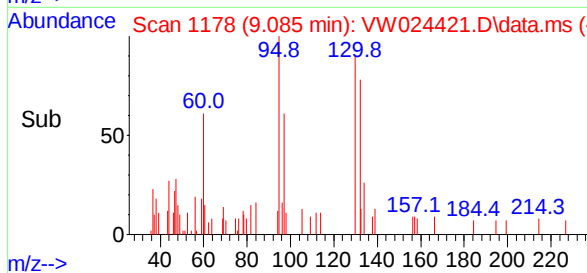
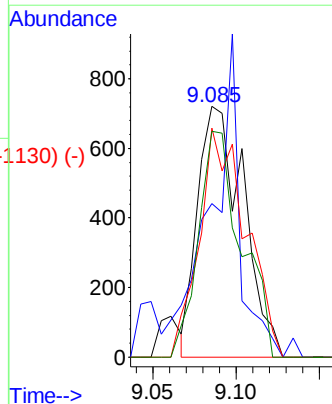
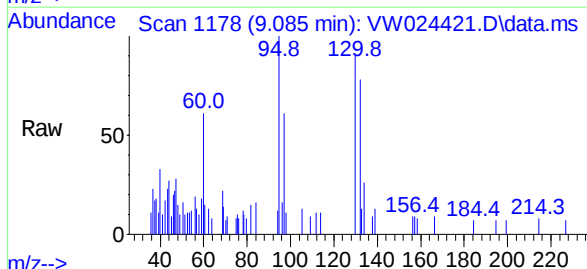
Ion Ratio Lower Upper

95 100

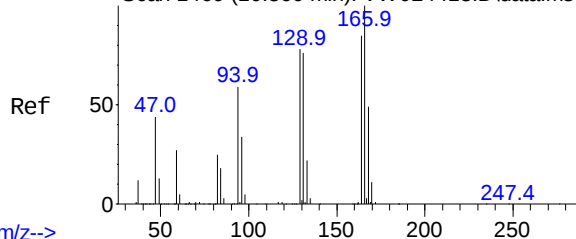
97 61.3 48.4 89.8

132 91.3 68.6 127.4

130 90.2 72.6 134.8



Abundance Scan 1469 (10.860 min): VW024418.D\data.ms (-1469) (-)



Tetrachloroethene

Concen: 219.410 ug/L

RT: 10.866 min Scan# 1469

Delta R.T. 0.006 min

Lab File: VW024421.D

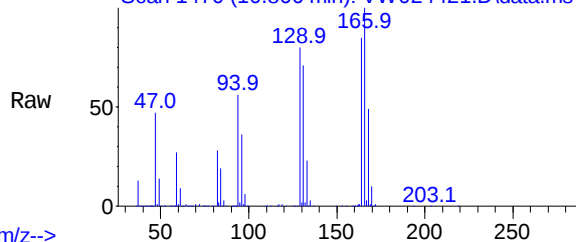
Acq: 28 Aug 2022 00:31

Instrument :

MSVOA_W

ClientSampleId :

Abundance Scan 1470 (10.866 min): VW024421.D\data.ms



Tgt Ion:164 Resp: 161666

Ion	Ratio	Lower	Upper
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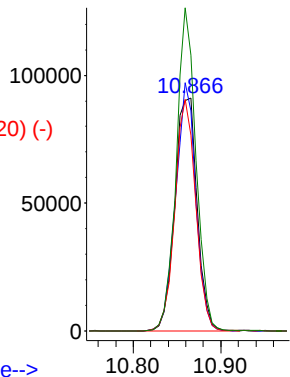
164	100		
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129	94.4	72.9	135.3
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131	83.9	63.7	118.3
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166	118.2	86.2	160.0
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Abundance



Abundance Scan 1470 (10.866 min): VW024421.D\data.ms (-1420) (-)

