

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
 Data File : VW025527.D
 Acq On : 31 Mar 2023 13:02
 Operator : SY/MD
 Sample : 02130-05RE
 Misc : 4.75g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 00:37:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:35:04 2023
 Response via : Initial Calibration

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

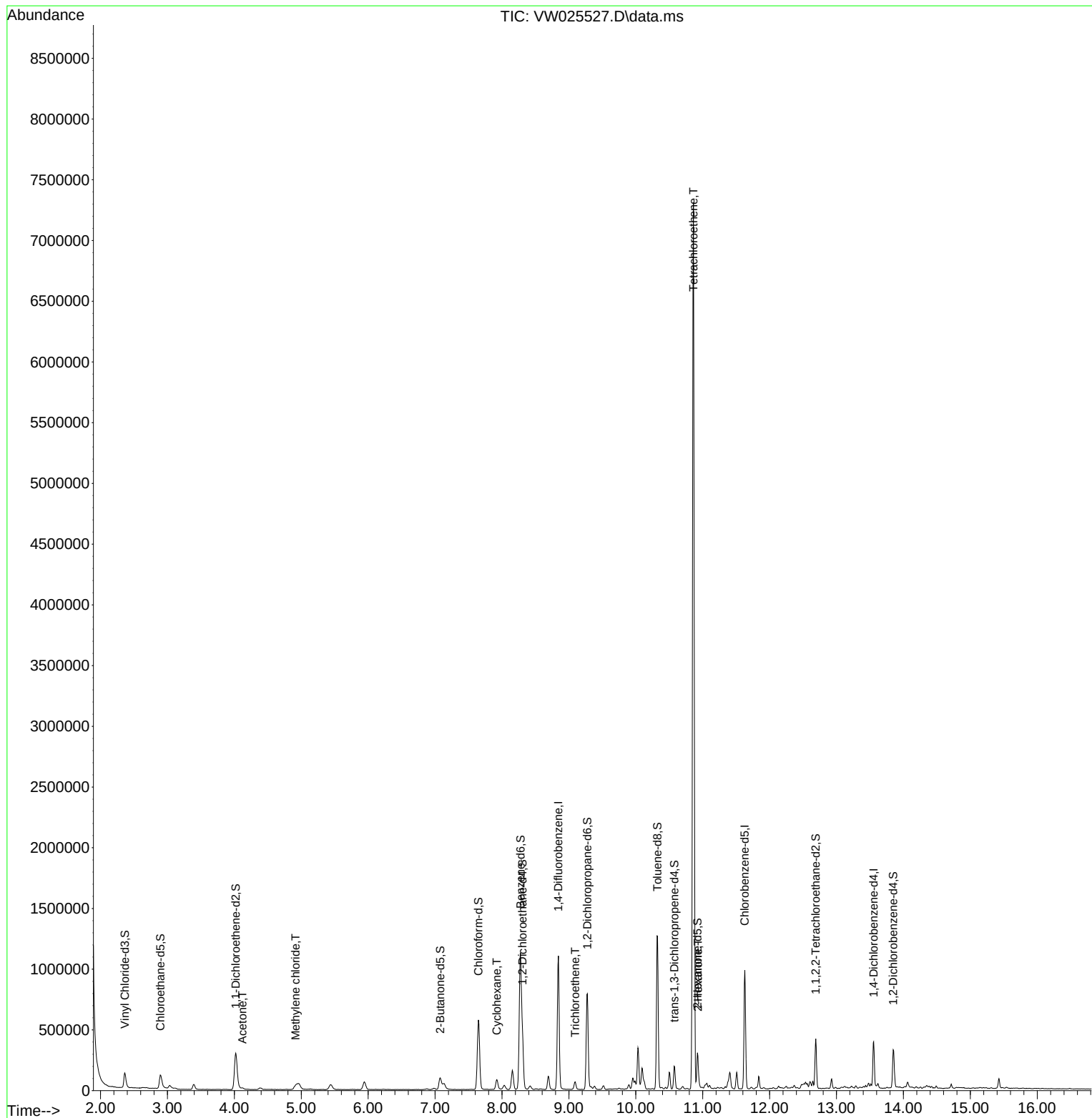
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	860021	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	510980	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	91043	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	155755	10.892	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.560%
7) Chloroethane-d5	2.893	69	171311	16.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.600%
11) 1,1-Dichloroethene-d2	4.021	63	352839	12.775	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.120%
21) 2-Butanone-d5	7.075	46	172588	49.171	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.340%
24) Chloroform-d	7.648	84	574735	23.181	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.720%
26) 1,2-Dichloroethane-d4	8.307	65	316153	23.758	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.040%
32) Benzene-d6	8.276	84	1138823	32.617	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.480%
36) 1,2-Dichloropropane-d6	9.276	67	377808	34.978	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.920%#
41) Toluene-d8	10.325	98	824189	26.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.080%
43) trans-1,3-Dichloroprop...	10.575	79	101303	23.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.200%
47) 2-Hexanone-d5	10.922	63	98267	63.268	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	209265	26.445	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	77437	22.872	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.480%
Target Compounds						Qvalue
13) Acetone	4.118	43	18825	5.579	ug/L	99
16) Methylene chloride	4.917	84	25313	2.114	ug/L	88
29) Cyclohexane	7.923	56	17644	1.223	ug/L #	47
34) Trichloroethene	9.093	95	21969	2.562	ug/L	97
46) Tetrachloroethene	10.861	164	1562957	256.180	ug/L	98
48) 2-Hexanone	10.928	43	24112	6.201	ug/L #	53

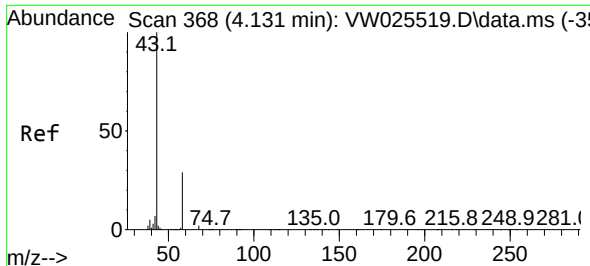
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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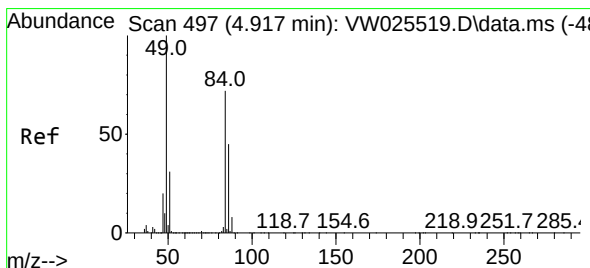
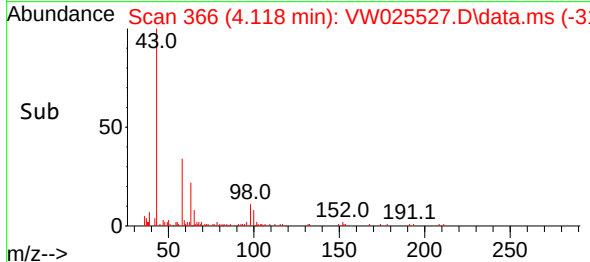
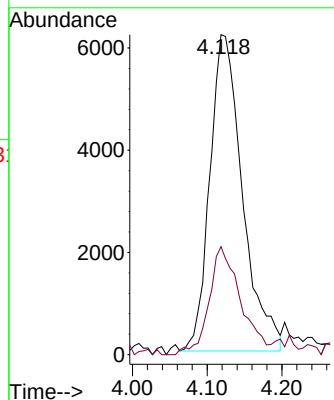
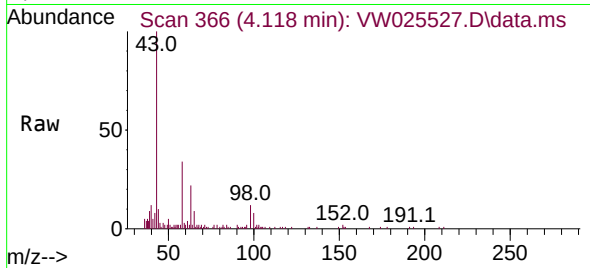




#13
Acetone
Concen: 5.579 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW025527.D
Acq: 31 Mar 2023 13:02

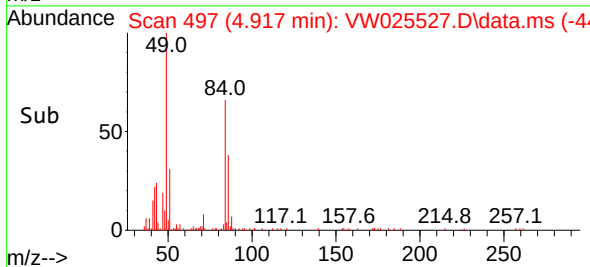
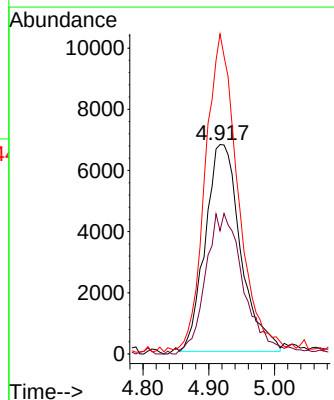
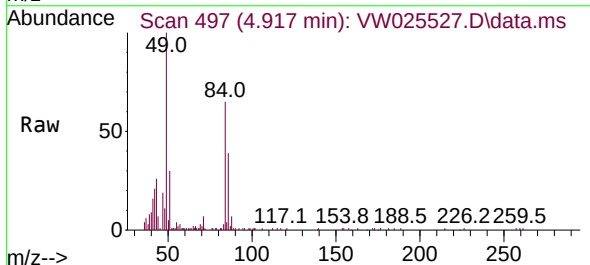
Instrument :
MSVOA_W
ClientSampleId :

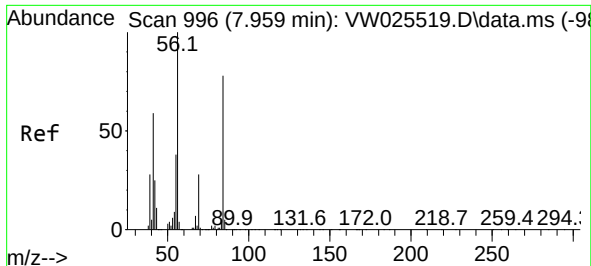
Tgt Ion: 43 Resp: 18825
Ion Ratio Lower Upper
43 100
58 29.7 0.0 60.0



#16
Methylene chloride
Concen: 2.114 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025527.D
Acq: 31 Mar 2023 13:02

Tgt Ion: 84 Resp: 25313
Ion Ratio Lower Upper
84 100
86 58.9 45.1 83.7
49 152.8 94.7 175.9





#29

Cyclohexane

Concen: 1.223 ug/L

RT: 7.923 min Scan# 996

Delta R.T. -0.037 min

Lab File: VW025527.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_W

ClientSampleId :

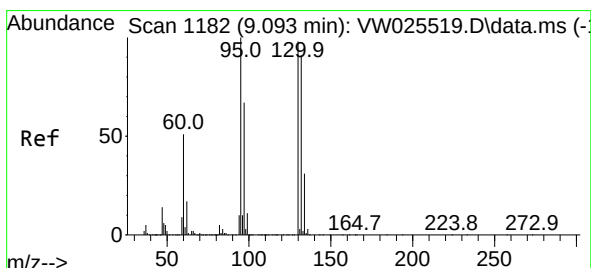
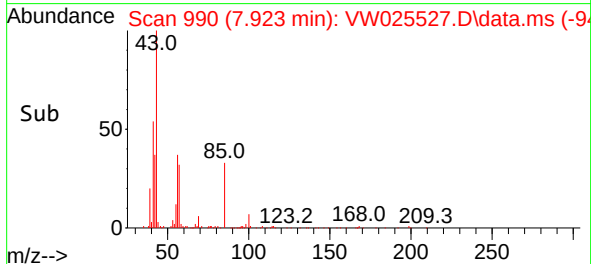
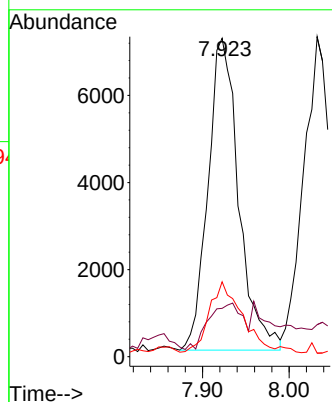
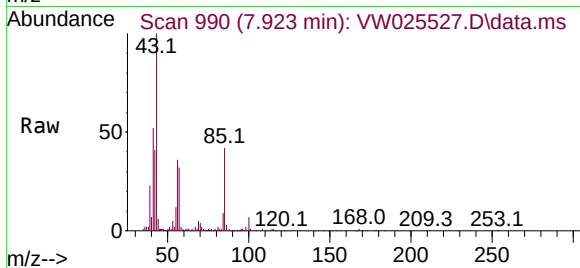
Tgt Ion: 56 Resp: 17644

Ion Ratio Lower Upper

56 100

69 15.9 23.1 34.7#

84 23.7 63.9 95.9#



#34

Trichloroethene

Concen: 2.562 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025527.D

Acq: 31 Mar 2023 13:02

Tgt Ion: 95 Resp: 21969

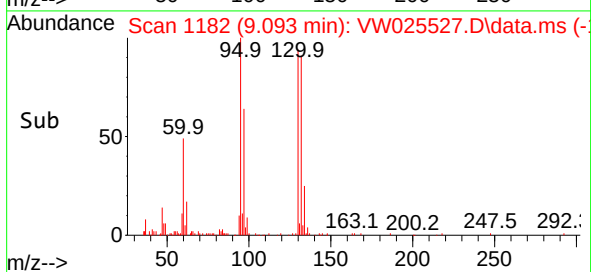
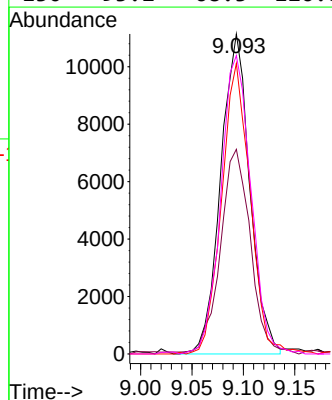
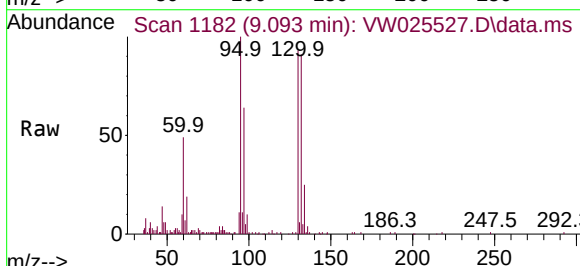
Ion Ratio Lower Upper

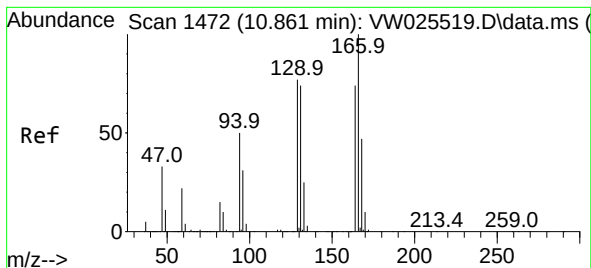
95 100

97 63.9 43.8 81.4

132 90.8 65.9 122.3

130 93.2 68.3 126.8





#46

Tetrachloroethene

Concen: 256.180 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

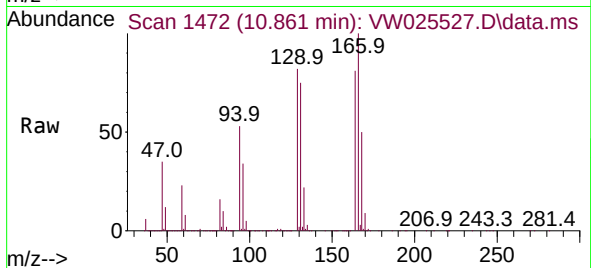
Lab File: VW025527.D

Acq: 31 Mar 2023 13:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 1562957

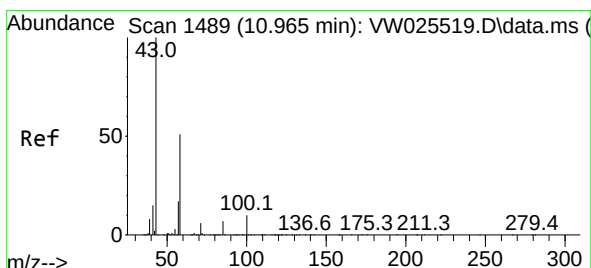
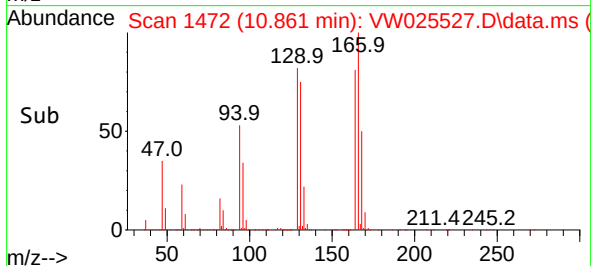
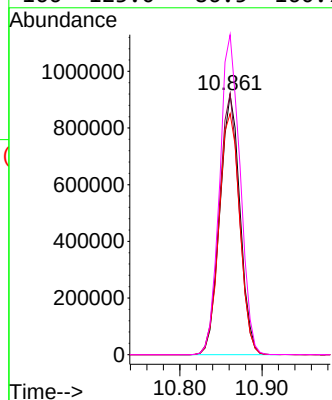
Ion Ratio Lower Upper

164 100

129 100.4 67.7 125.7

131 92.7 67.0 124.4

166 123.0 86.5 160.7



#48

2-Hexanone

Concen: 6.201 ug/L

RT: 10.928 min Scan# 1483

Delta R.T. -0.037 min

Lab File: VW025527.D

Acq: 31 Mar 2023 13:02

Tgt Ion: 43 Resp: 24112

Ion Ratio Lower Upper

43 100

58 15.3 41.2 61.8#

57 39.4 14.2 21.4#

100 2.0 8.5 12.7#

