

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028192.D
 Acq On : 14 Mar 2024 20:37
 Operator : SY/MD
 Sample : P1742-16
 Misc : 5.66g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 02:01:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

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

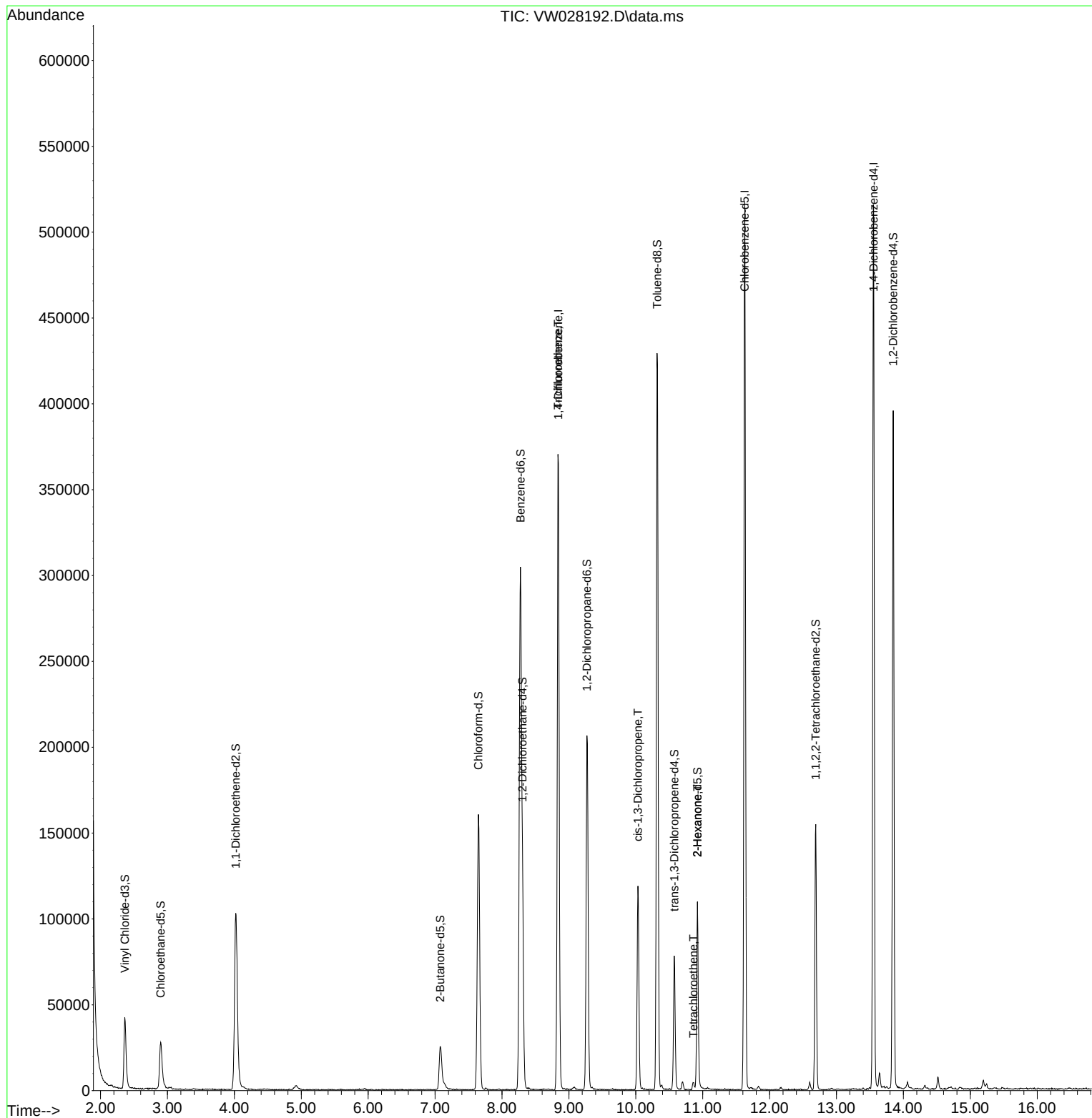
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	300139	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	274475	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	135377	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	54460	15.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.040%
7) Chloroethane-d5	2.899	69	39986	16.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.200%
11) 1,1-Dichloroethene-d2	4.021	65	37287	16.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.960%
21) 2-Butanone-d5	7.075	46	43761	42.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.500%
24) Chloroform-d	7.648	84	164678	18.607	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.440%
26) 1,2-Dichloroethane-d4	8.307	65	95458	19.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.280%
32) Benzene-d6	8.276	84	305384	18.223	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.880%
36) 1,2-Dichloropropane-d6	9.270	67	92557	19.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.760%
41) Toluene-d8	10.319	98	284166	18.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.520%
43) trans-1,3-Dichloroprop...	10.575	79	41592	18.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.960%
47) 2-Hexanone-d5	10.922	63	35642	44.713	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74577	20.935	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	97909	19.854	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.400%
Target Compounds						Qvalue
34) Trichloroethene	8.837	95	10051	2.133	ug/L #	5
39) cis-1,3-Dichloropropene	10.032	75	3230	0.467	ug/L #	79
46) Tetrachloroethene	10.861	164	1138	0.300	ug/L #	58
48) 2-Hexanone	10.922	43	4978	2.665	ug/L #	71

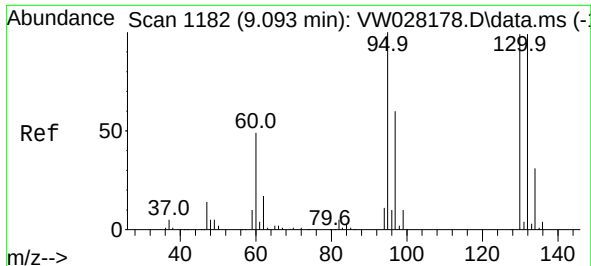
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.133 ug/L

RT: 8.837 min Scan# 1182

Delta R.T. -0.256 min

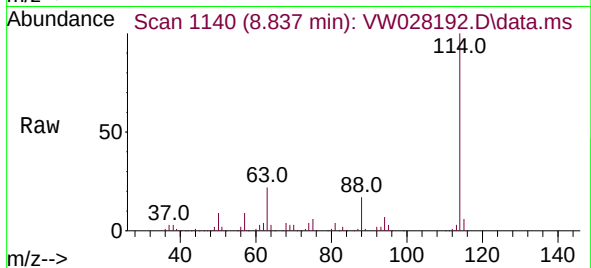
Lab File: VW028192.D

Acq: 14 Mar 2024 20:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 10051

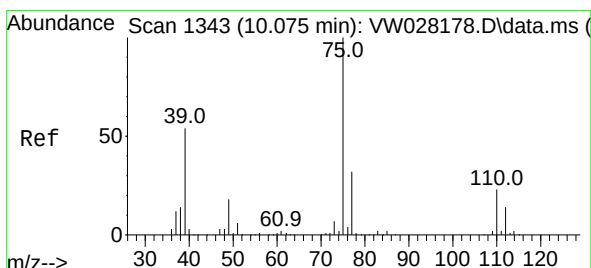
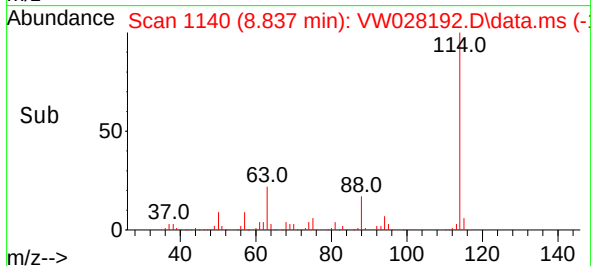
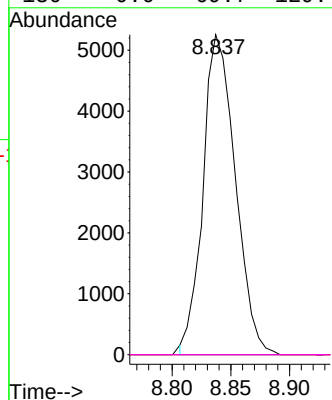
Ion Ratio Lower Upper

95 100

97 0.0 42.4 78.6#

132 0.0 69.4 128.8#

130 0.0 69.7 129.4#



#39

cis-1,3-Dichloropropene

Concen: 0.467 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.042 min

Lab File: VW028192.D

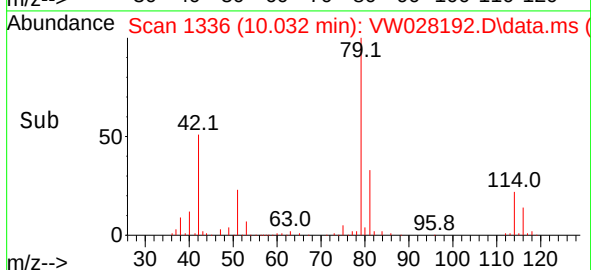
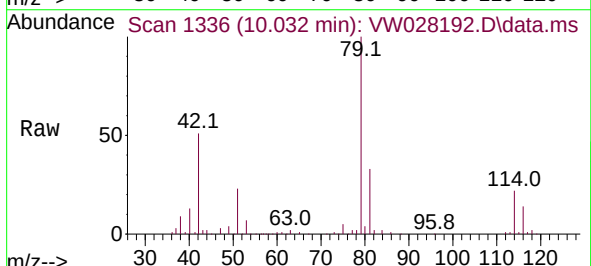
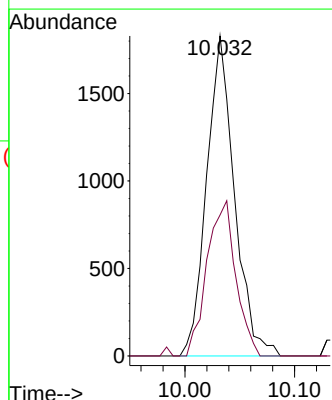
Acq: 14 Mar 2024 20:37

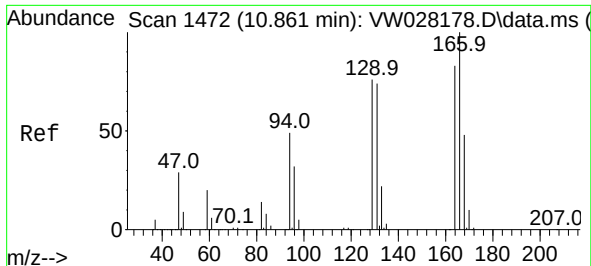
Tgt Ion: 75 Resp: 3230

Ion Ratio Lower Upper

75 100

77 44.1 22.5 41.7#





#46

Tetrachloroethene

Concen: 0.300 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

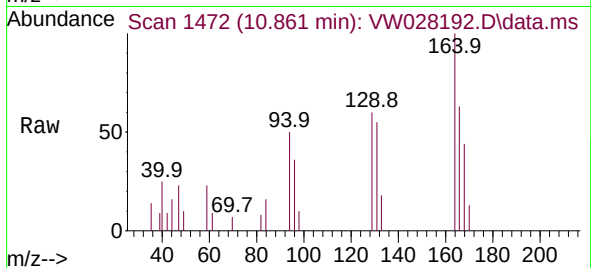
Lab File: VW028192.D

Acq: 14 Mar 2024 20:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 1138

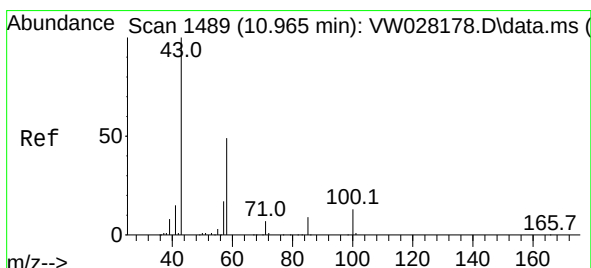
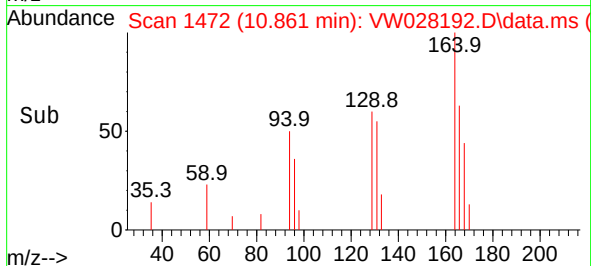
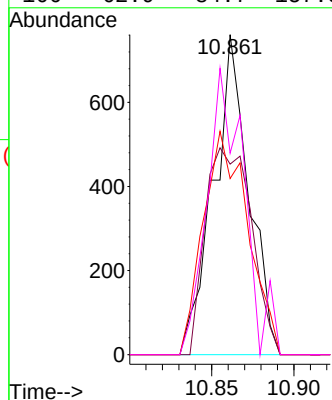
Ion Ratio Lower Upper

164 100

129 59.5 64.0 119.0#

131 55.1 62.6 116.3#

166 62.9 84.7 157.3#



#48

2-Hexanone

Concen: 2.665 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

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Tgt Ion: 43 Resp: 4978

Ion Ratio Lower Upper

43 100

58 26.0 40.6 61.0#

57 24.6 15.7 23.5#

100 1.0 9.7 14.5#

