

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072224\
 Data File : VW029685.D
 Acq On : 22 Jul 2024 15:50
 Operator : SY/MD
 Sample : P3278-04
 Misc : 9.28g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 23 04:10:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 19 23:16:32 2024
 Response via : Initial Calibration

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

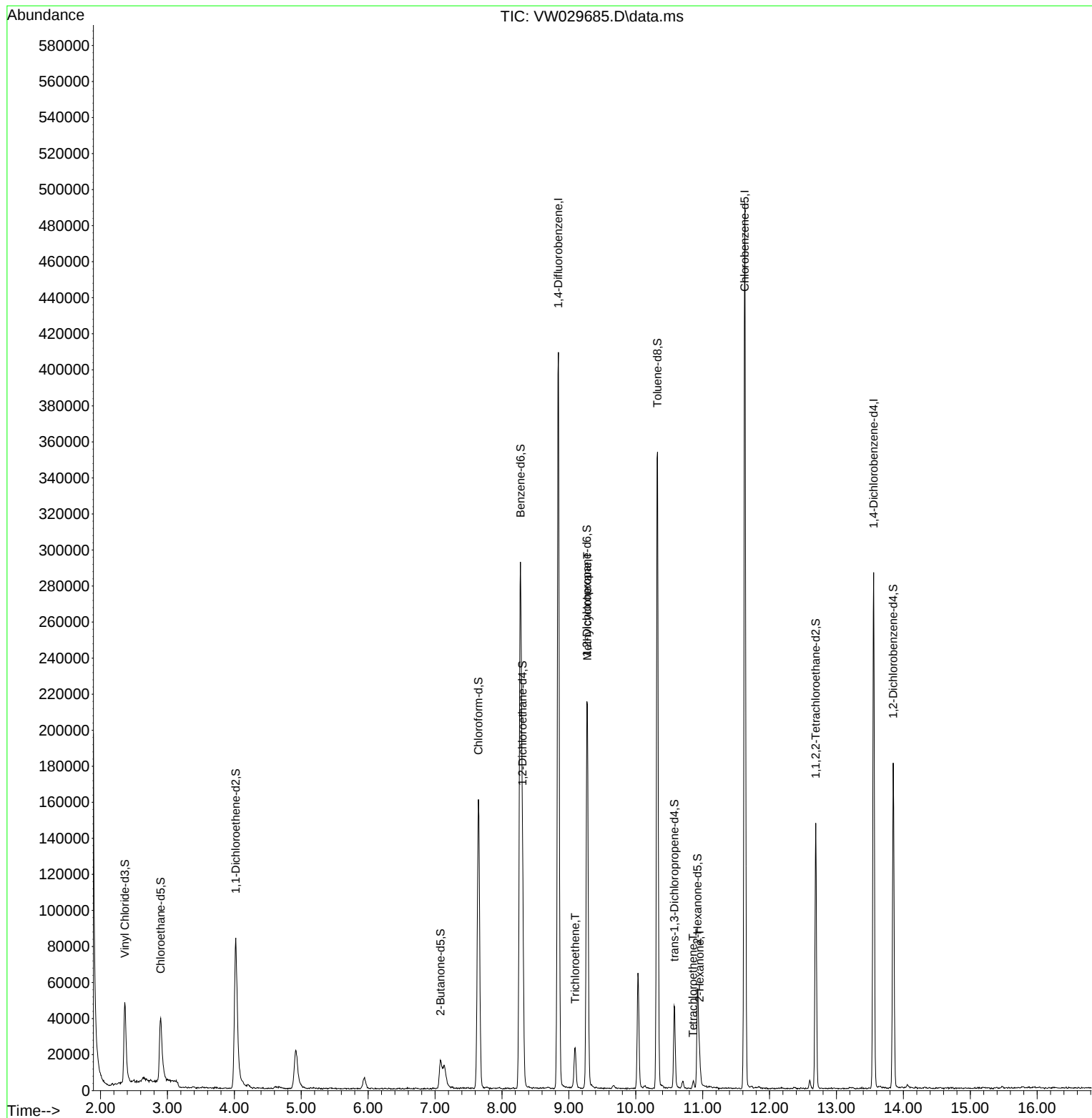
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	306604	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	243189	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	65190	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	66854	13.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.000%
7) Chloroethane-d5	2.899	69	56662	15.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.560%
11) 1,1-Dichloroethene-d2	4.021	65	32511	14.617	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.480%
21) 2-Butanone-d5	7.081	46	23504	15.808	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.620%
24) Chloroform-d	7.648	84	158621	17.896	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.600%
26) 1,2-Dichloroethane-d4	8.307	65	97506	18.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.000%
32) Benzene-d6	8.276	84	279370	19.176	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.720%
36) 1,2-Dichloropropane-d6	9.270	67	99139	21.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.120%
41) Toluene-d8	10.325	98	223271	17.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.720%
43) trans-1,3-Dichloroprop...	10.575	79	24364	12.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	49.400%
47) 2-Hexanone-d5	10.922	63	15797	18.663	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69158	18.287	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.160%
66) 1,2-Dichlorobenzene-d4	13.849	152	41164	18.132	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.520%#
Target Compounds						
					Qvalue	
34) Trichloroethene	9.093	95	7606	1.893	ug/L	92
35) Methylcyclohexane	9.276	83	24103	3.732	ug/L #	16
46) Tetrachloroethene	10.855	164	866	0.303	ug/L	82
48) 2-Hexanone	10.953	43	11856	5.322	ug/L #	42

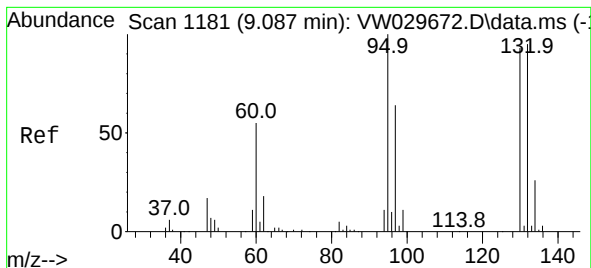
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 19 23:16:32 2024
Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.893 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.000 min

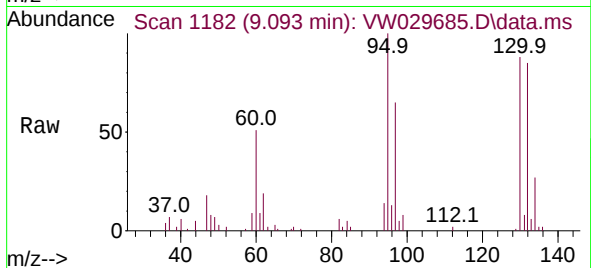
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Acq: 22 Jul 2024 15:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 7606

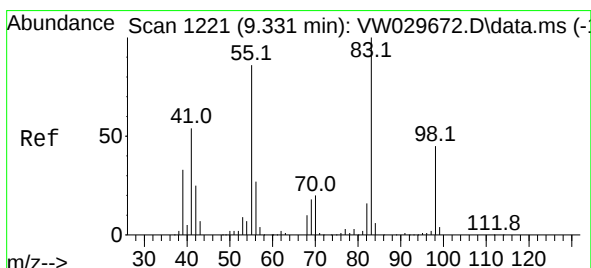
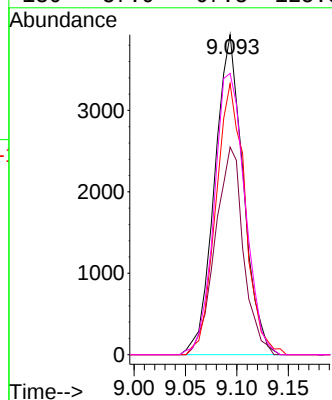
Ion Ratio Lower Upper

95 100

97 64.9 47.3 87.9

132 84.7 65.8 122.2

130 87.9 67.8 125.8



#35

Methylcyclohexane

Concen: 3.732 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.055 min

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Acq: 22 Jul 2024 15:50

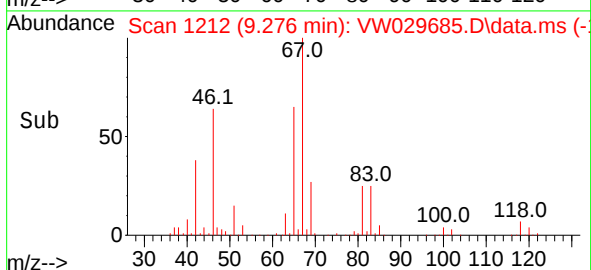
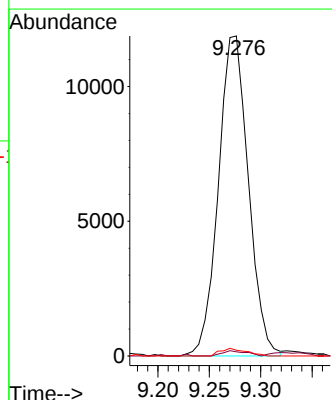
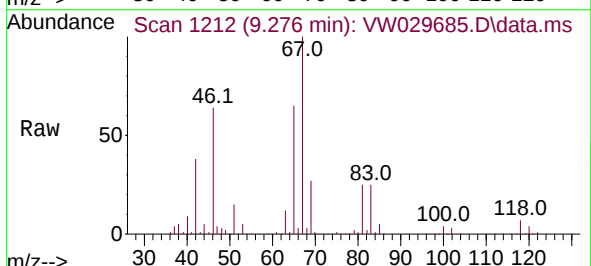
Tgt Ion: 83 Resp: 24103

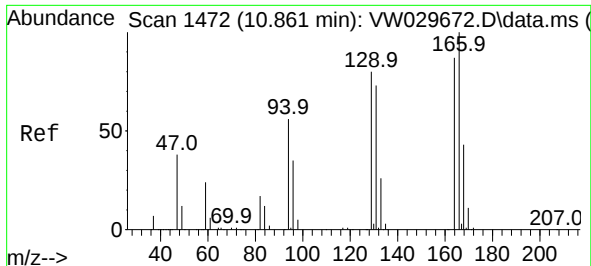
Ion Ratio Lower Upper

83 100

55 1.3 69.6 104.4#

98 2.0 38.3 57.5#





#46

Tetrachloroethene

Concen: 0.303 ug/L

RT: 10.855 min Scan# 1472

Delta R.T. -0.006 min

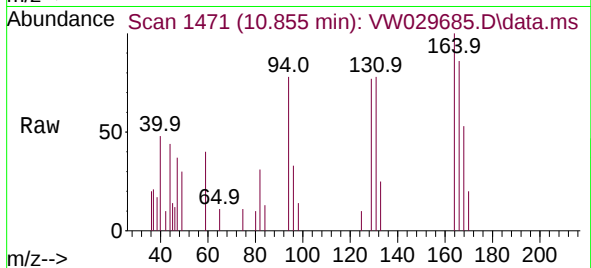
Lab File: VW029685.D

Acq: 22 Jul 2024 15:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 866

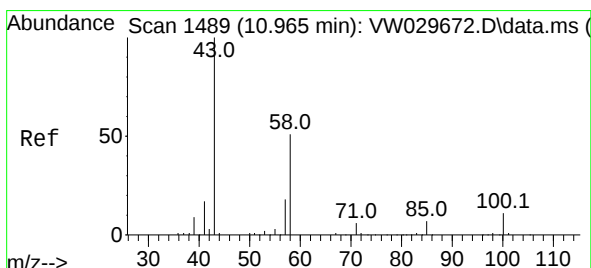
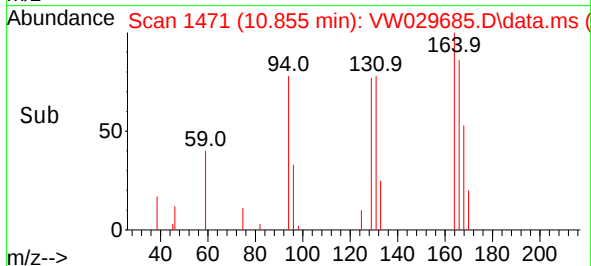
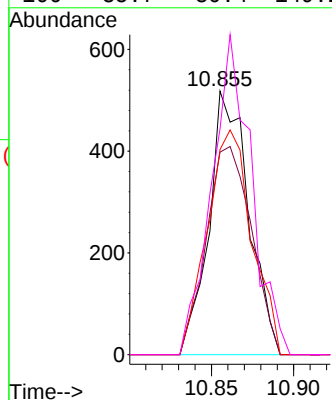
Ion Ratio Lower Upper

164 100

129 76.8 60.0 111.4

131 77.8 64.6 120.0

166 85.7 80.4 149.2



#48

2-Hexanone

Concen: 5.322 ug/L

RT: 10.953 min Scan# 1487

Delta R.T. -0.012 min

Lab File: VW029685.D

Acq: 22 Jul 2024 15:50

Tgt Ion: 43 Resp: 11856

Ion Ratio Lower Upper

43 100

58 0.6 39.8 59.8#

57 0.4 14.6 21.8#

100 0.3 8.3 12.5#

