

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020623\
 Data File : VW025294.D
 Acq On : 06 Feb 2023 13:46
 Operator : SY/MD
 Sample : 01422-13
 Misc : 3.66g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B71

Quant Time: Feb 07 00:20:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 00:17:55 2023
 Response via : Initial Calibration

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

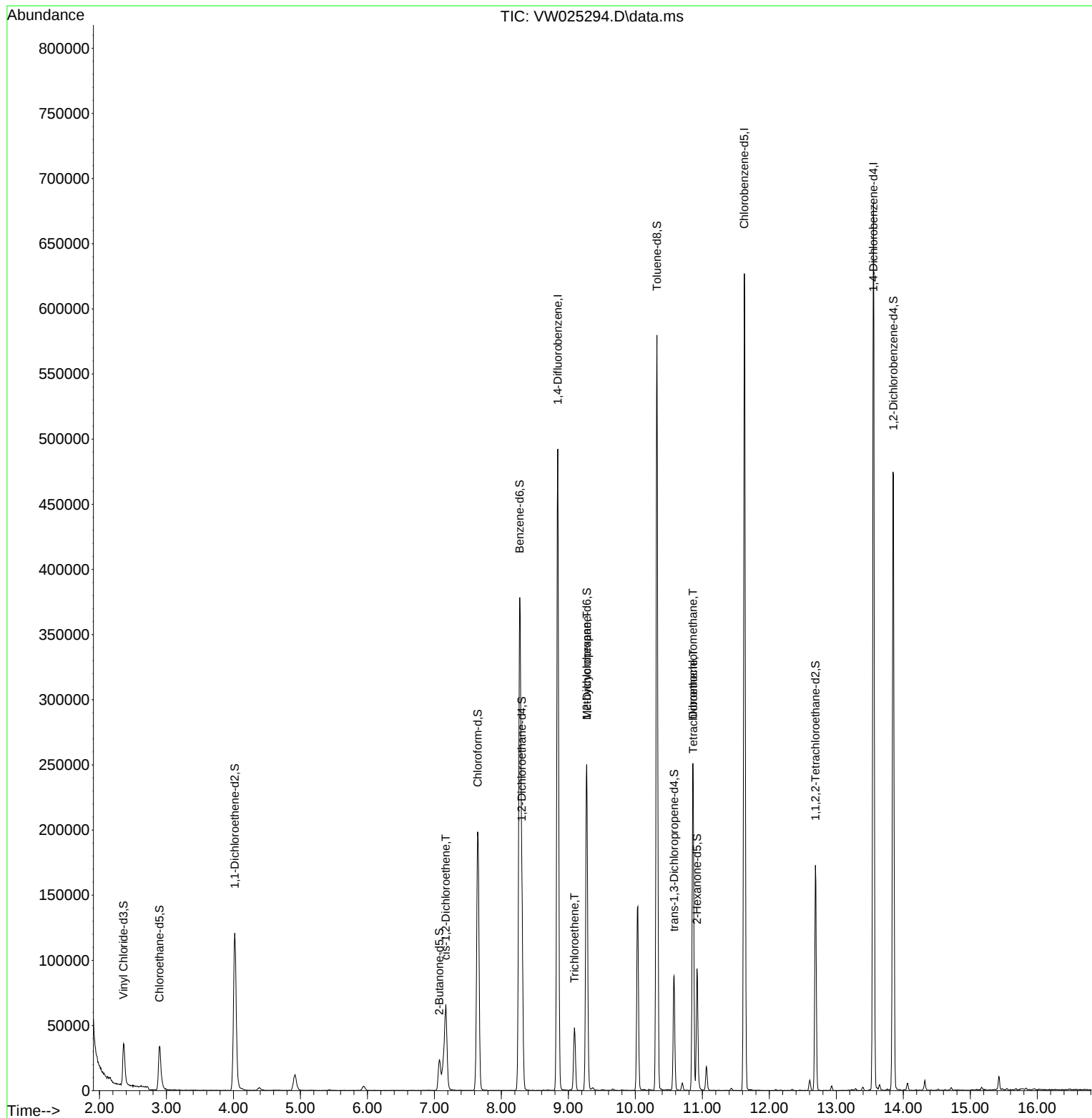
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	387228	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	340287	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	165918	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	42493	11.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.360%
7) Chloroethane-d5	2.897	69	46276	13.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.640%
11) 1,1-Dichloroethene-d2	4.019	63	127775	12.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.200%
21) 2-Butanone-d5	7.073	46	39939	41.058	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.120%
24) Chloroform-d	7.647	84	207563	20.451	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	8.305	65	114754	23.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.840%
32) Benzene-d6	8.274	84	397097	19.254	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	9.274	67	108325	17.951	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.800%
41) Toluene-d8	10.323	98	374479	20.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.240%
43) trans-1,3-Dichloroprop...	10.579	79	48890	21.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.720%
47) 2-Hexanone-d5	10.920	63	31993	47.286	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.580%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	78967	19.243	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	120189	20.879	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.520%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	7.171	96	36416	6.089	ug/L	96
34) Trichloroethene	9.091	95	16267	2.466	ug/L	99
35) Methylcyclohexane	9.274	83	30038	2.551	ug/L #	20
46) Tetrachloroethene	10.865	164	51549	12.229	ug/L	92
49) Dibromochloromethane	10.859	129	48953	11.841	ug/L #	11

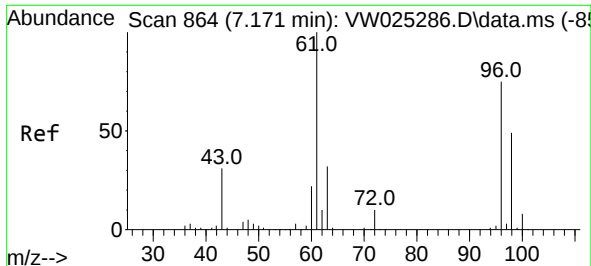
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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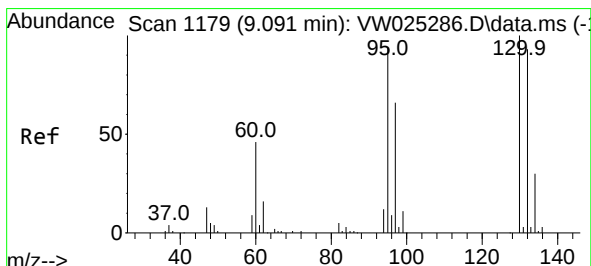
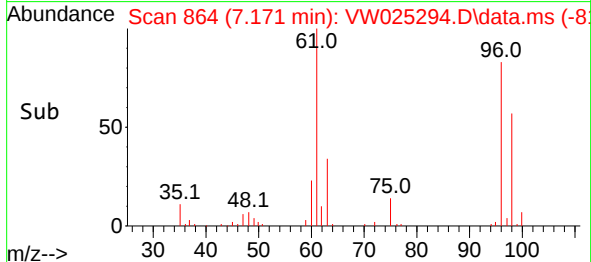
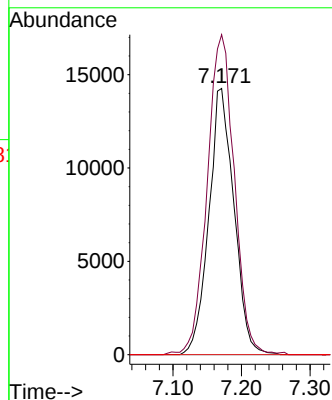
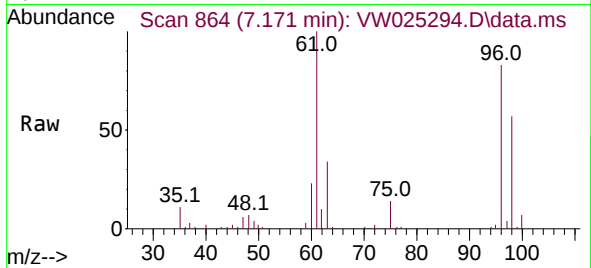




#20
 cis-1,2-Dichloroethene
 Concen: 6.089 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW025294.D
 Acq: 06 Feb 2023 13:46

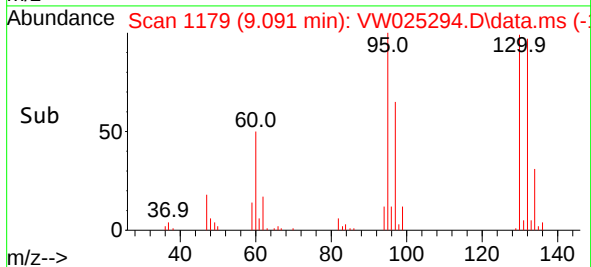
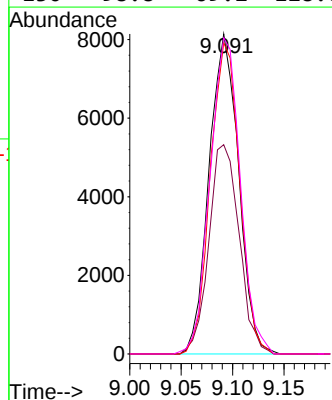
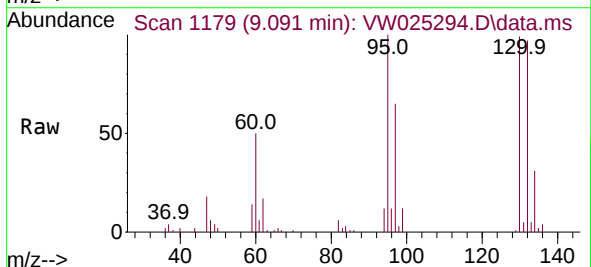
Instrument :
 MSVOA_W
 ClientSampleId :
 C0B71

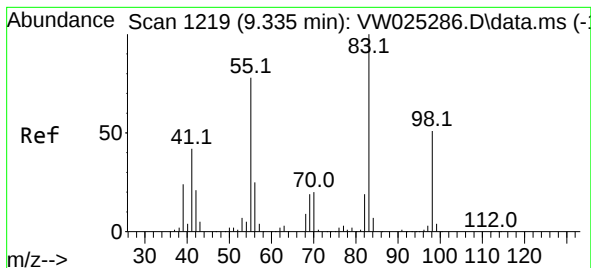
Tgt Ion: 96 Resp: 36416
 Ion Ratio Lower Upper
 96 100
 61 120.2 87.2 162.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.466 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW025294.D
 Acq: 06 Feb 2023 13:46

Tgt Ion: 95 Resp: 16267
 Ion Ratio Lower Upper
 95 100
 97 65.4 45.4 84.2
 132 97.3 67.1 124.5
 130 98.8 69.2 128.6





#35

Methylcyclohexane

Concen: 2.551 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW025294.D

Acq: 06 Feb 2023 13:46

Instrument :

MSVOA_W

ClientSampleId :

C0B71

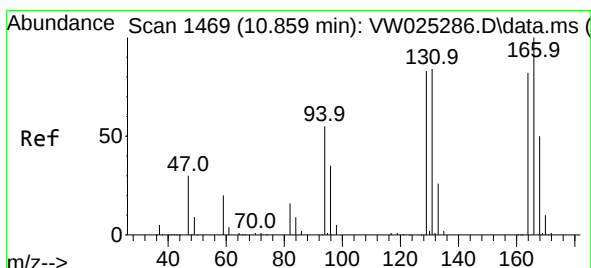
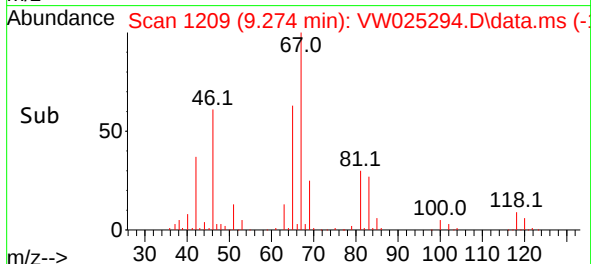
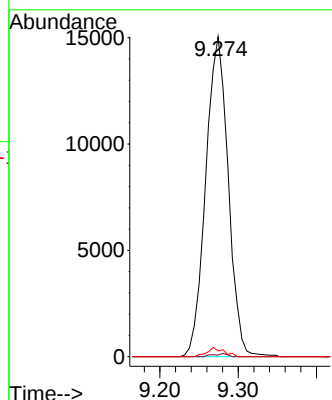
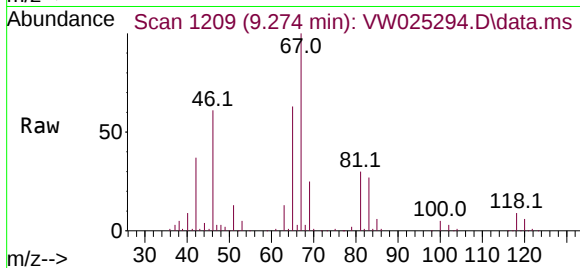
Tgt Ion: 83 Resp: 30038

Ion Ratio Lower Upper

83 100

55 0.3 58.8 88.2#

98 2.2 39.5 59.3#



#46

Tetrachloroethene

Concen: 12.229 ug/L

RT: 10.865 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW025294.D

Acq: 06 Feb 2023 13:46

Tgt Ion:164 Resp: 51549

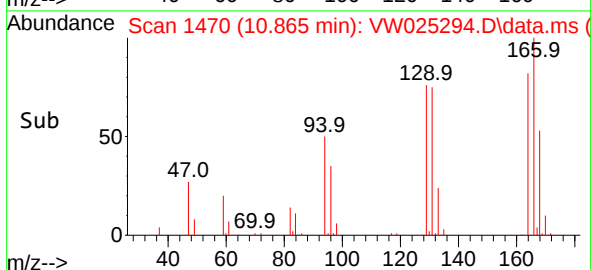
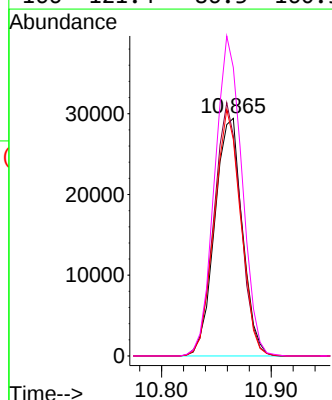
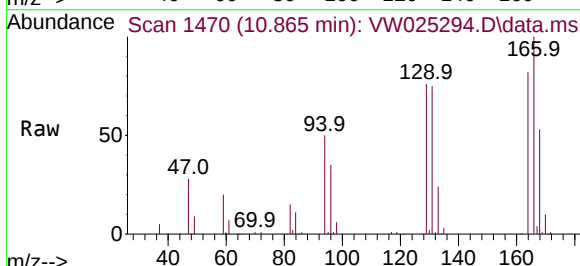
Ion Ratio Lower Upper

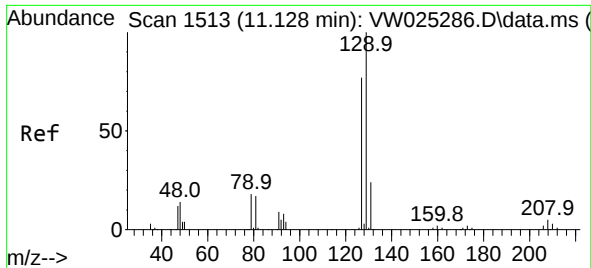
164 100

129 92.7 74.1 137.5

131 91.1 72.3 134.3

166 121.4 86.3 160.3





#49

Dibromochloromethane

Concen: 11.841 ug/L

RT: 10.859 min Scan# 14

Delta R.T. -0.268 min

Lab File: VW025294.D

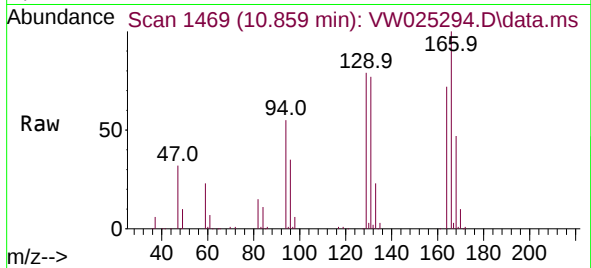
Acq: 06 Feb 2023 13:46

Instrument :

MSVOA_W

ClientSampleId :

C0B71



Tgt Ion:129 Resp: 48953

Ion Ratio Lower Upper

129 100

127 0.3 54.8 101.8#

