

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027645.D
 Acq On : 15 Dec 2023 19:33
 Operator : SY/MD
 Sample : 05834-02
 Misc : 4.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGQZ4

Quant Time: Dec 16 01:39:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 16 00:05:51 2023
 Response via : Initial Calibration

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

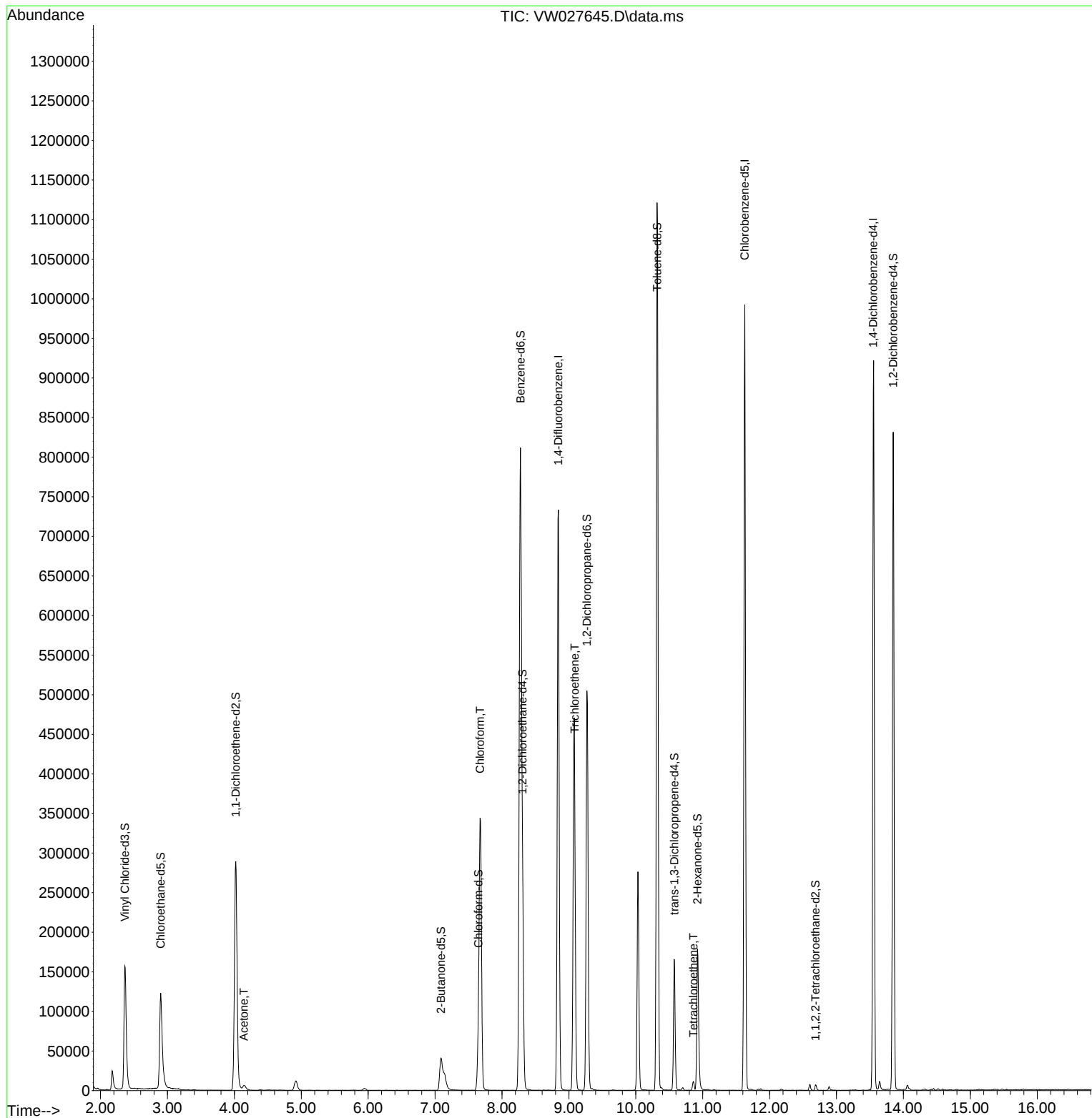
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	659834	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	575425	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	248933	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	232108	24.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.360%
7) Chloroethane-d5	2.899	69	189099	25.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.960%
11) 1,1-Dichloroethene-d2	4.021	65	91496	24.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.800%
21) 2-Butanone-d5	7.087	46	65310	41.043	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.080%
24) Chloroform-d	7.648	84	62927	4.008	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	16.040%#
26) 1,2-Dichloroethane-d4	8.307	65	197815	26.833	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.320%
32) Benzene-d6	8.276	84	898090	26.705	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.840%
36) 1,2-Dichloropropane-d6	9.270	67	261067	27.401	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.600%
41) Toluene-d8	10.319	98	787447	25.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.960%
43) trans-1,3-Dichloroprop...	10.575	79	96378	26.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.520%
47) 2-Hexanone-d5	10.922	63	50971	36.711	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.420%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	4170	0.579	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	2.320%#
66) 1,2-Dichlorobenzene-d4	13.848	152	224853	25.234	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.920%
Target Compounds						Qvalue
13) Acetone	4.143	43	11460	7.933	ug/L	76
25) Chloroform	7.673	83	338986	23.684	ug/L	98
34) Trichloroethene	9.087	95	33333	3.666	ug/L	98
46) Tetrachloroethene	10.861	164	2791	0.384	ug/L	89

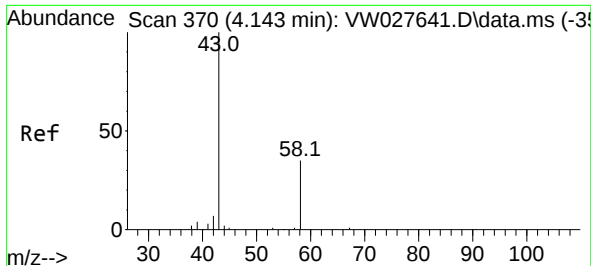
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 16 00:05:51 2023
Response via : Initial Calibration





#13

Acetone

Concen: 7.933 ug/L

RT: 4.143 min Scan# 31

Delta R.T. 0.000 min

Lab File: VW027645.D

Acq: 15 Dec 2023 19:33

Instrument :

MSVOA_W

ClientSampleId :

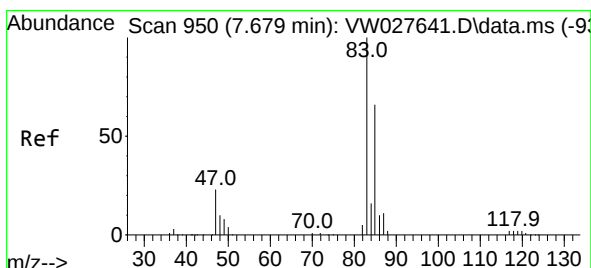
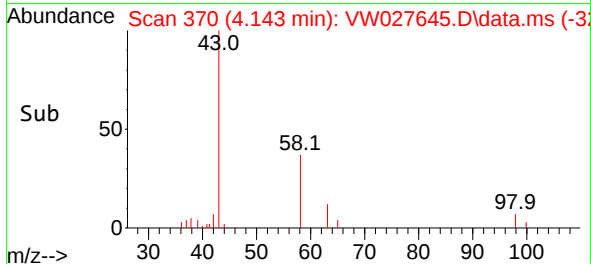
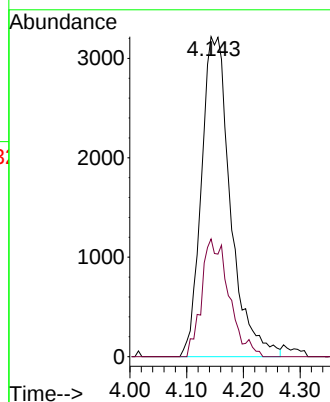
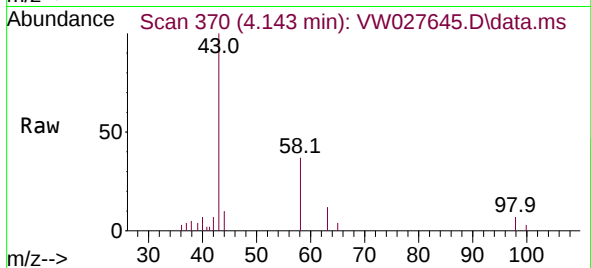
BGQZ4

Tgt Ion: 43 Resp: 11460

Ion Ratio Lower Upper

43 100

58 20.7 0.0 68.6



#25

Chloroform

Concen: 23.684 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW027645.D

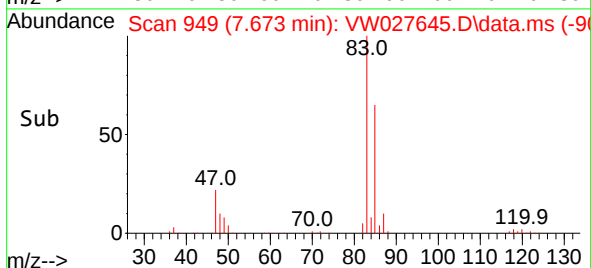
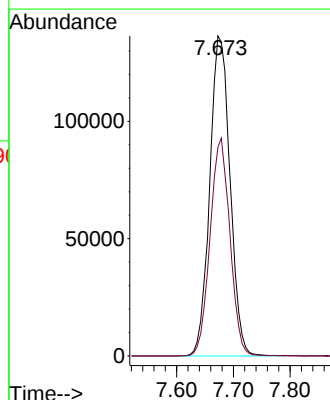
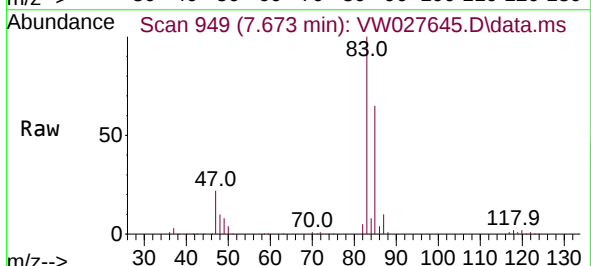
Acq: 15 Dec 2023 19:33

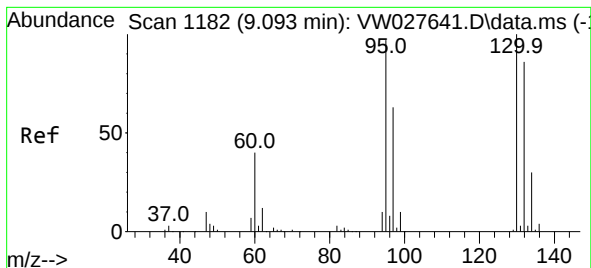
Tgt Ion: 83 Resp: 338986

Ion Ratio Lower Upper

83 100

85 65.2 46.9 87.1





#34

Trichloroethene

Concen: 3.666 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW027645.D

Acq: 15 Dec 2023 19:33

Instrument :

MSVOA_W

ClientSampleId :

BGQZ4

Tgt Ion: 95 Resp: 33333

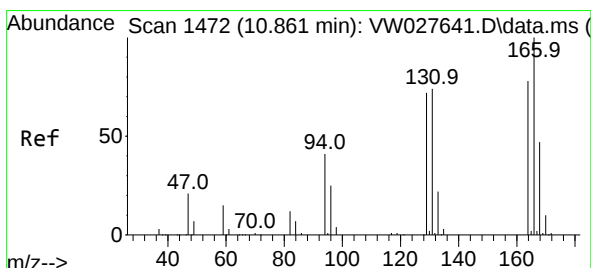
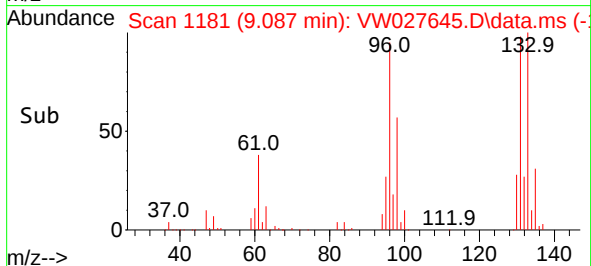
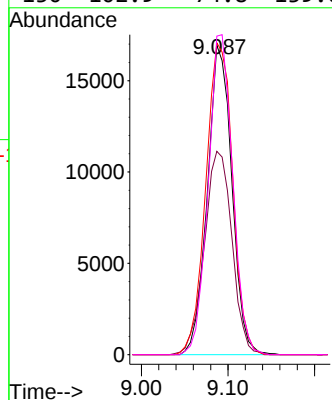
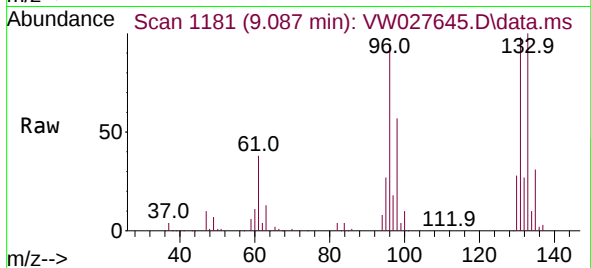
Ion Ratio Lower Upper

95 100

97 65.7 45.9 85.3

132 100.8 70.4 130.8

130 102.9 74.8 139.0



#46

Tetrachloroethene

Concen: 0.384 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027645.D

Acq: 15 Dec 2023 19:33

Tgt Ion:164 Resp: 2791

Ion Ratio Lower Upper

164 100

129 96.6 70.5 130.9

131 81.2 64.8 120.3

166 116.5 94.8 176.0

