

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
 Data File : VW027148.D
 Acq On : 19 Sep 2023 15:28
 Operator : SY/MD
 Sample : 04472-17
 Misc : 6.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 01:37:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 20 01:34:37 2023
 Response via : Initial Calibration

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

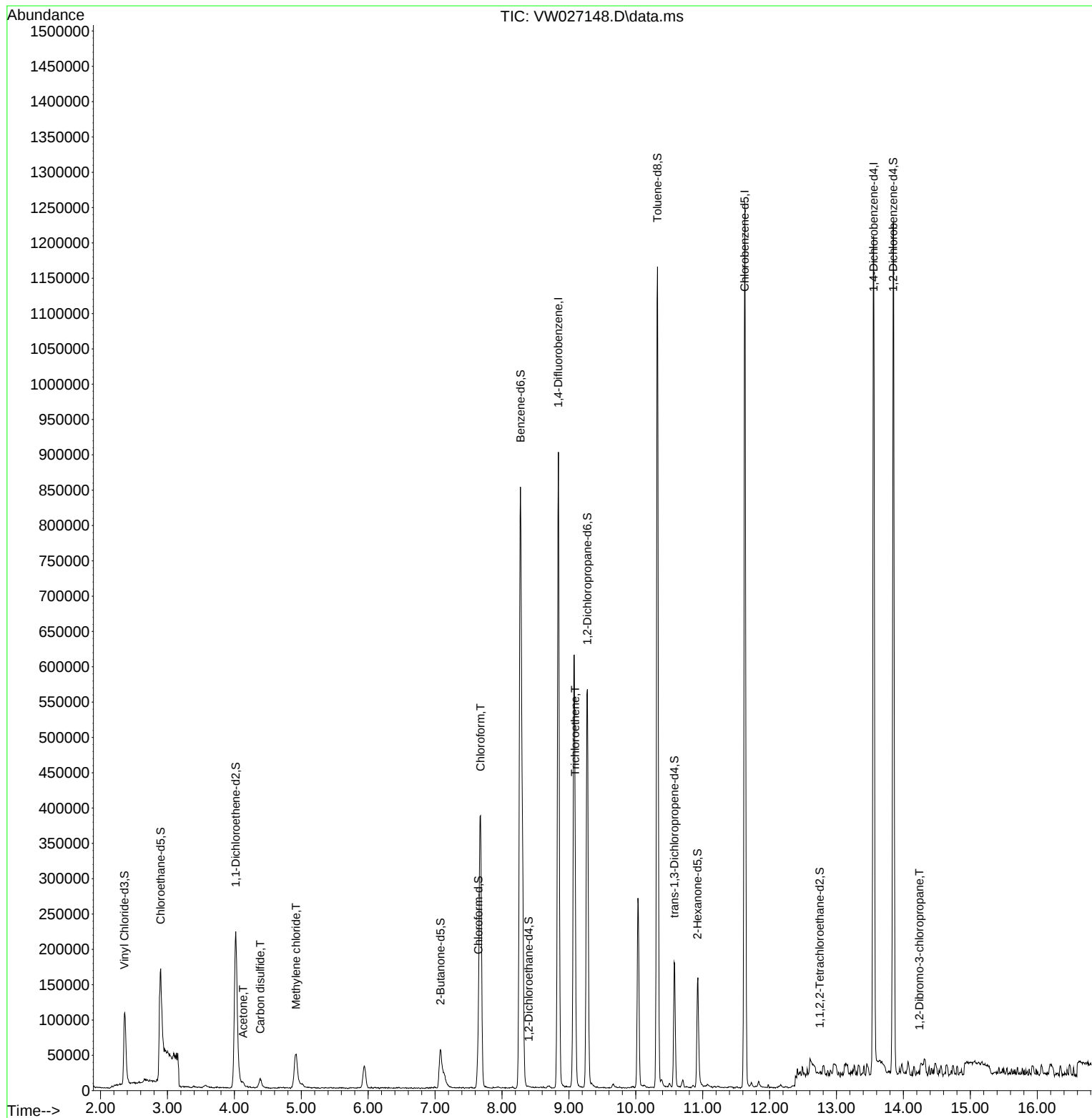
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	747989	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	724100	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	299159	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	154258	12.818	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.280%
7) Chloroethane-d5	2.899	69	215156	23.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	4.021	65	77671	15.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.200%
21) 2-Butanone-d5	7.081	46	83866	37.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.260%
24) Chloroform-d	7.648	84	67553	3.006	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	12.040%#
26) 1,2-Dichloroethane-d4	8.398	65	200	0.018	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	918001	19.631	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.520%
36) 1,2-Dichloropropane-d6	9.276	67	282226	21.329	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.320%
41) Toluene-d8	10.325	98	806069	19.368	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.480%
43) trans-1,3-Dichloroprop...	10.575	79	103598	19.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.520%
47) 2-Hexanone-d5	10.922	63	44747	28.065	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.120%
56) 1,1,2,2-Tetrachloroeth...	12.751	84	151	0.014	ug/L	0.06
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.040%#
66) 1,2-Dichlorobenzene-d4	13.848	152	287300	26.892	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.560%
Target Compounds						Qvalue
13) Acetone	4.131	43	9402	4.466	ug/L	96
14) Carbon disulfide	4.387	76	28688	0.789	ug/L	99
16) Methylene chloride	4.923	84	46757	3.286	ug/L	94
25) Chloroform	7.679	83	386581	18.132	ug/L	97
34) Trichloroethene	9.093	95	40648	3.216	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.239	75	1256	1.017	ug/L #	13

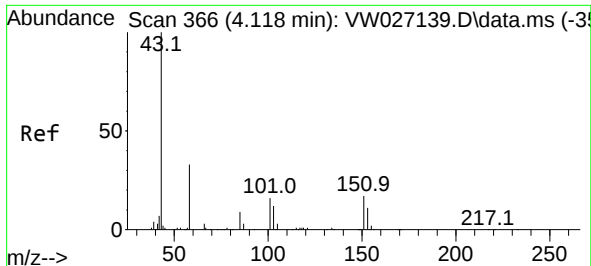
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Sep 20 01:34:37 2023
Response via : Initial Calibration

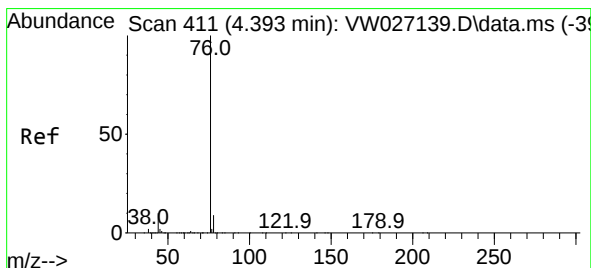
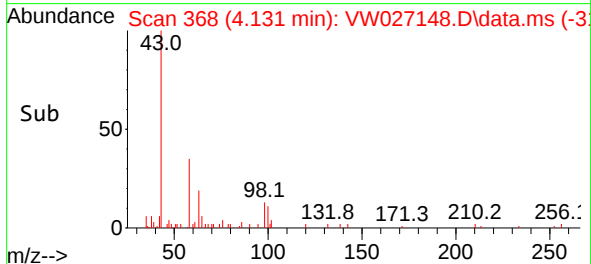
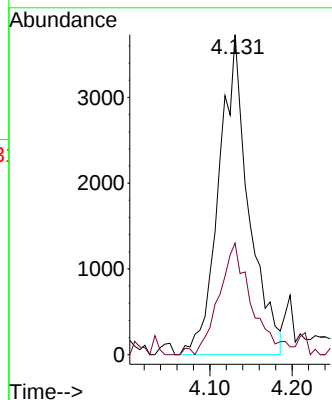
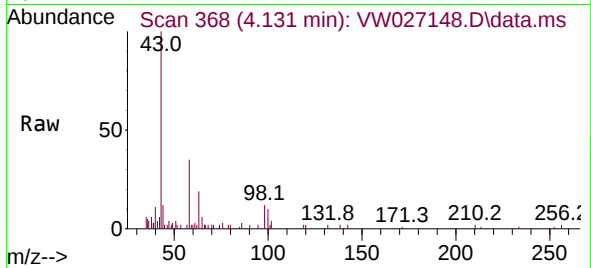




#13
Acetone
Concen: 4.466 ug/L
RT: 4.131 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW027148.D
Acq: 19 Sep 2023 15:28

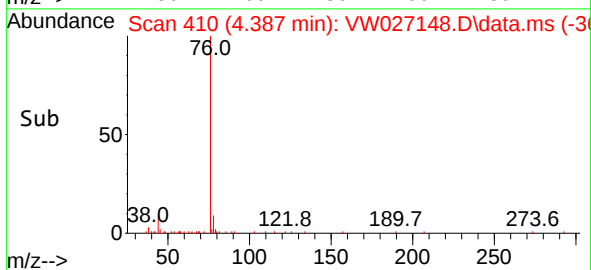
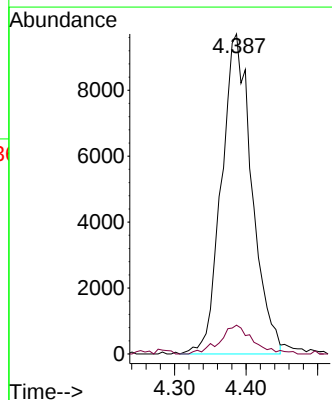
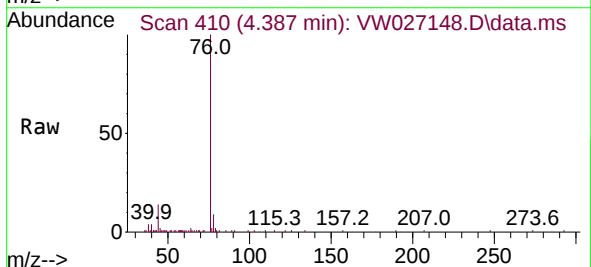
Instrument :
MSVOA_W
ClientSampleId :

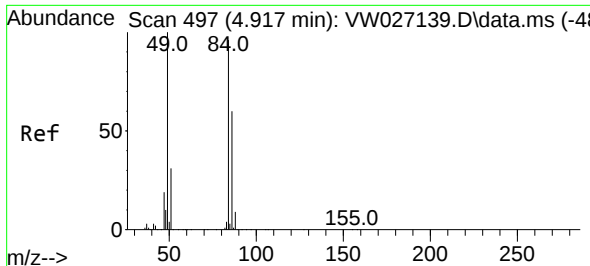
Tgt Ion: 43 Resp: 9402
Ion Ratio Lower Upper
43 100
58 36.4 0.0 77.4



#14
Carbon disulfide
Concen: 0.789 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027148.D
Acq: 19 Sep 2023 15:28

Tgt Ion: 76 Resp: 28688
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

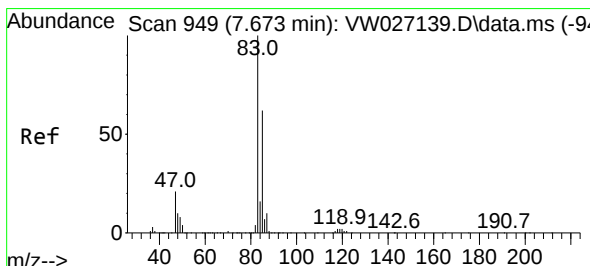
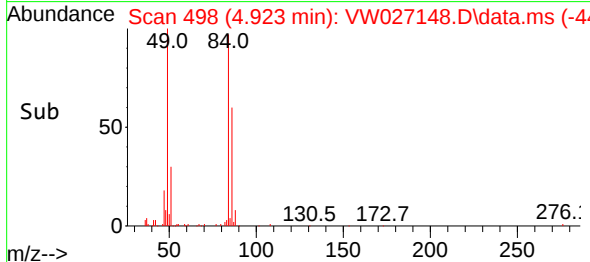
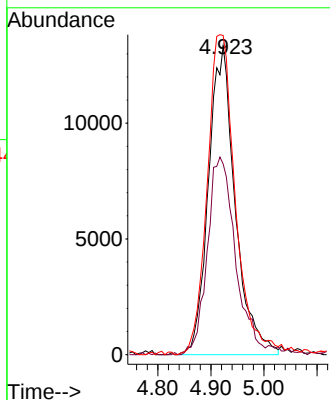
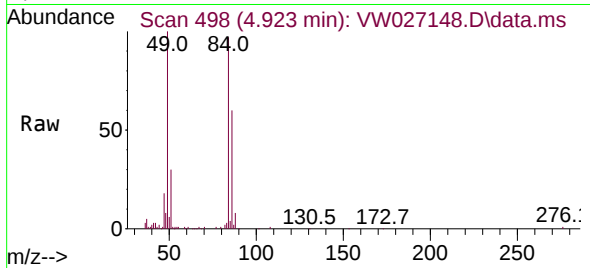




#16
Methylene chloride
Concen: 3.286 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027148.D
Acq: 19 Sep 2023 15:28

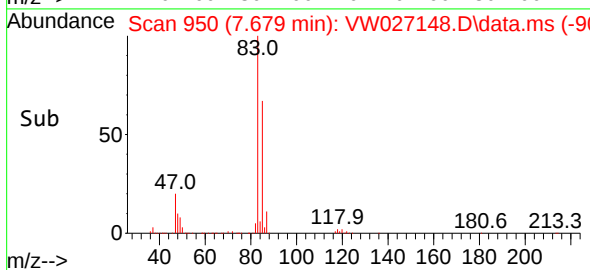
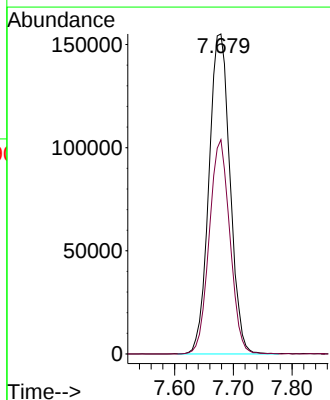
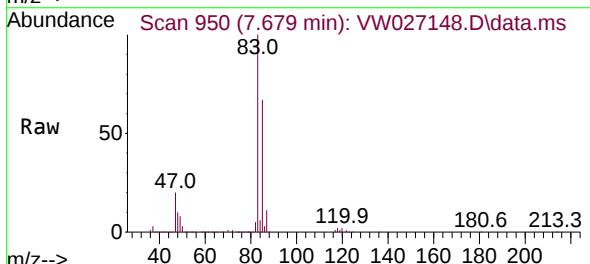
Instrument :
MSVOA_W
ClientSampleId :

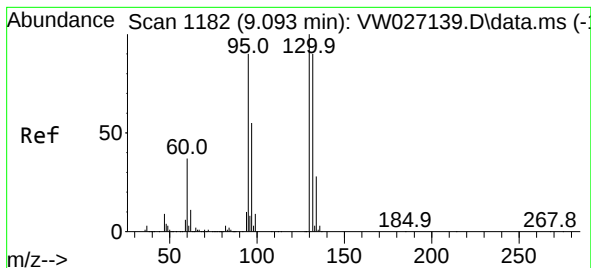
Tgt Ion: 84 Resp: 46757
Ion Ratio Lower Upper
84 100
86 61.8 46.7 86.7
49 103.3 77.1 143.1



#25
Chloroform
Concen: 18.132 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW027148.D
Acq: 19 Sep 2023 15:28

Tgt Ion: 83 Resp: 386581
Ion Ratio Lower Upper
83 100
85 66.9 44.9 83.5





#34

Trichloroethene

Concen: 3.216 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

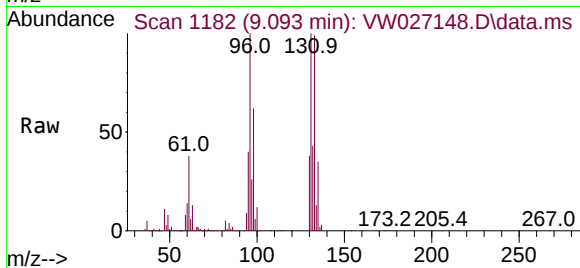
Lab File: VW027148.D

Acq: 19 Sep 2023 15:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 40648

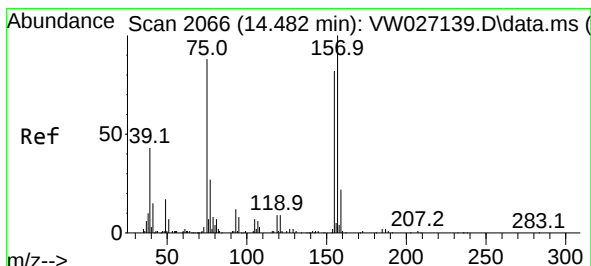
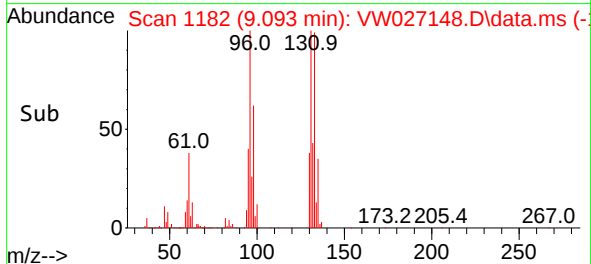
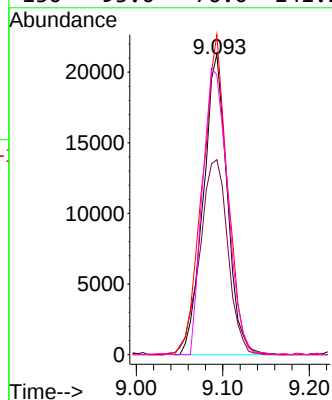
Ion Ratio Lower Upper

95 100

97 64.8 46.1 85.7

132 106.4 67.9 126.1

130 93.0 76.0 141.2



#68

1,2-Dibromo-3-chloropropane

Concen: 1.017 ug/L

RT: 14.239 min Scan# 2026

Delta R.T. -0.244 min

Lab File: VW027148.D

Acq: 19 Sep 2023 15:28

Tgt Ion: 75 Resp: 1256

Ion Ratio Lower Upper

75 100

155 28.8 58.7 88.1#

157 0.0 95.9 143.9#

