

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110223\
 Data File : VW027517.D
 Acq On : 02 Nov 2023 13:47
 Operator : SY/MD
 Sample : 05174-09RE
 Misc : 5.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 02 22:07:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 22:07:11 2023
 Response via : Initial Calibration

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

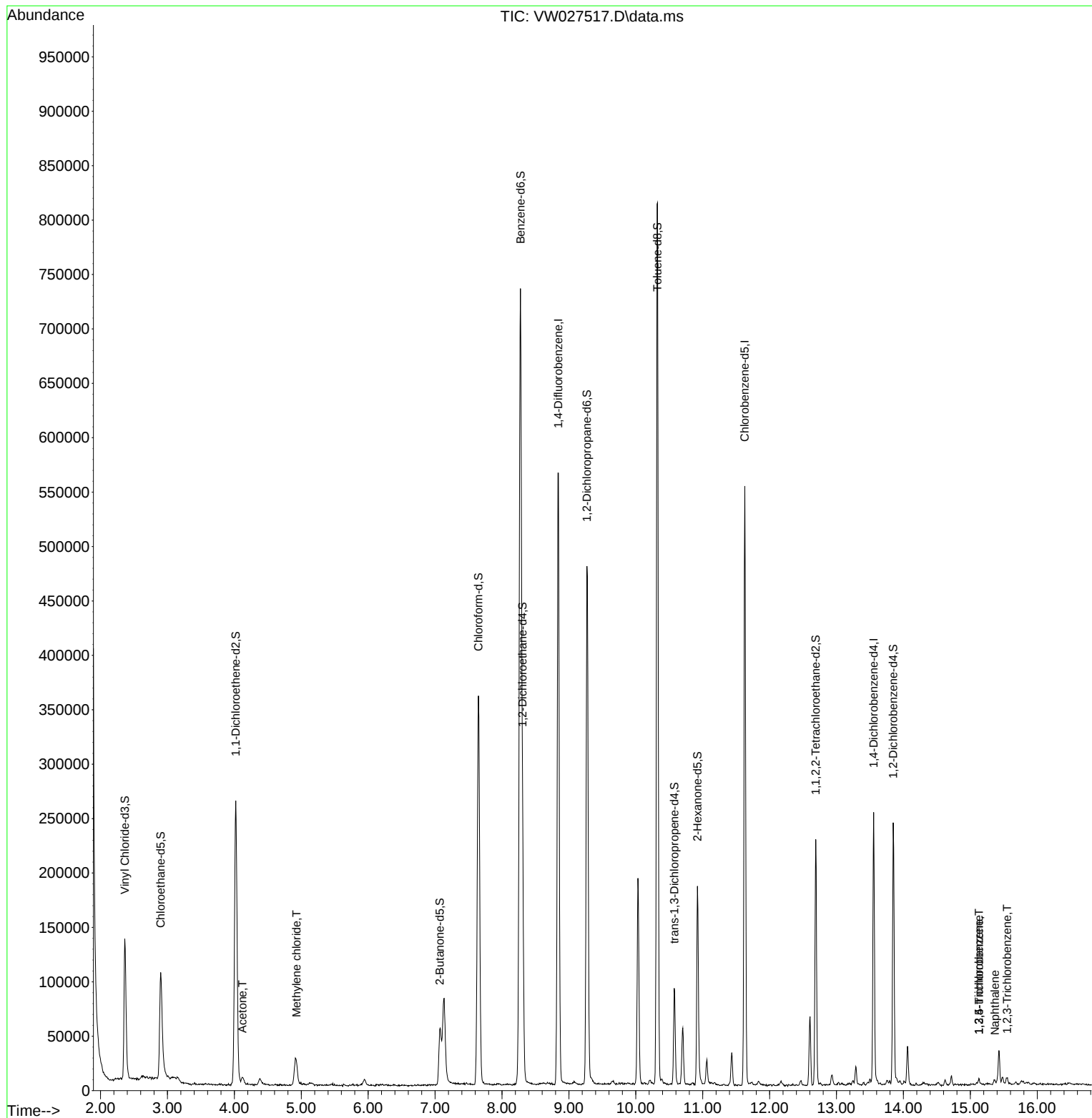
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	467192	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	288268	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	55750	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	172992	24.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.040%
7) Chloroethane-d5	2.899	69	150616	29.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.680%
11) 1,1-Dichloroethene-d2	4.021	65	84535	23.661	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.640%
21) 2-Butanone-d5	7.069	46	95300	40.213	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.420%
24) Chloroform-d	7.648	84	366834	26.344	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.360%
26) 1,2-Dichloroethane-d4	8.307	65	175261	23.431	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.720%
32) Benzene-d6	8.276	84	745827	38.241	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	152.960%#
36) 1,2-Dichloropropane-d6	9.270	67	232089	38.960	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	155.840%#
41) Toluene-d8	10.325	98	529145	29.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.680%
43) trans-1,3-Dichloroprop...	10.575	79	49463	18.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.840%
47) 2-Hexanone-d5	10.922	63	62028	50.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114251	25.706	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	56495	27.964	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.840%
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	10151	4.959	ug/L	100
16) Methylene chloride	4.929	84	19101	2.234	ug/L	91
69) 1,3,5-Trichlorobenzene	15.129	180	1308	0.567	ug/L	90
70) 1,2,4-trichlorobenzene	15.129	180	1308	0.667	ug/L	90
71) Naphthalene	15.366	128	3225	0.799	ug/L #	84
72) 1,2,3-Trichlorobenzene	15.549	180	1434	0.889	ug/L #	88

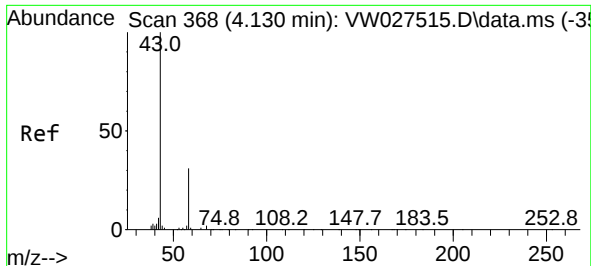
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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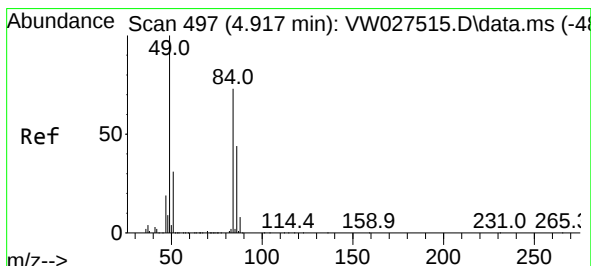
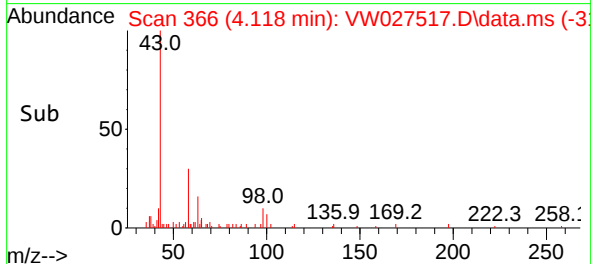
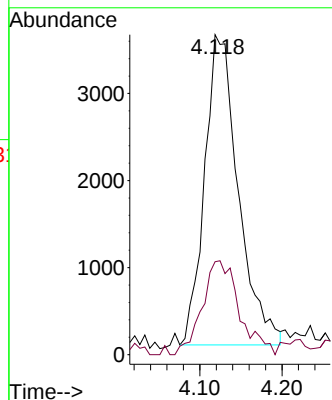
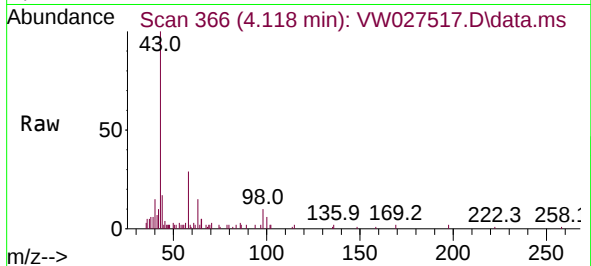




#13
Acetone
Concen: 4.959 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW027517.D
Acq: 02 Nov 2023 13:47

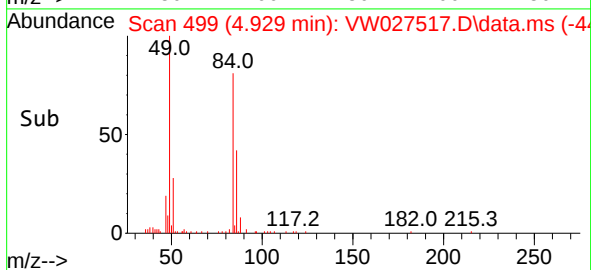
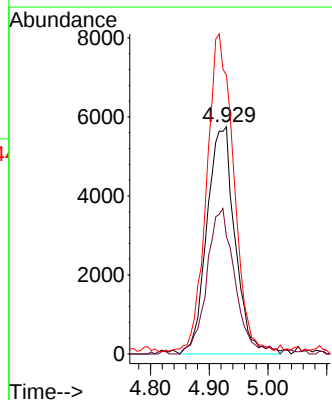
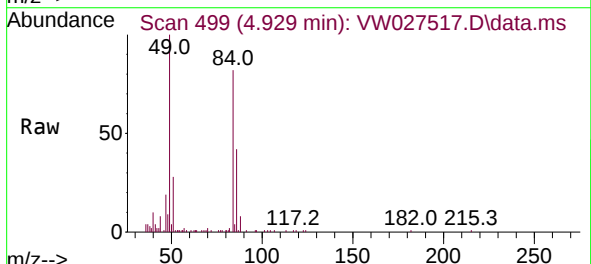
Instrument :
MSVOA_W
ClientSampleId :

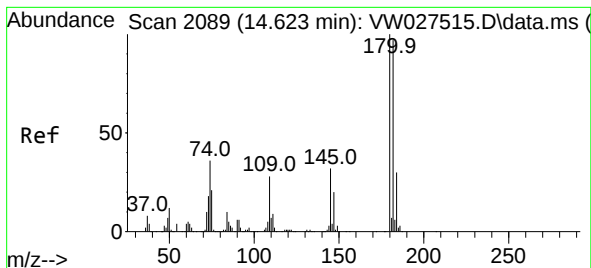
Tgt Ion: 43 Resp: 10151
Ion Ratio Lower Upper
43 100
58 30.6 0.0 60.8



#16
Methylene chloride
Concen: 2.234 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW027517.D
Acq: 02 Nov 2023 13:47

Tgt Ion: 84 Resp: 19101
Ion Ratio Lower Upper
84 100
86 51.5 41.3 76.7
49 122.6 92.8 172.4





#69

1,3,5-Trichlorobenzene

Concen: 0.567 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.506 min

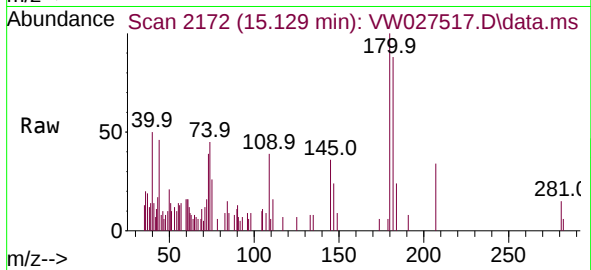
Lab File: VW027517.D

Acq: 02 Nov 2023 13:47

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 1308

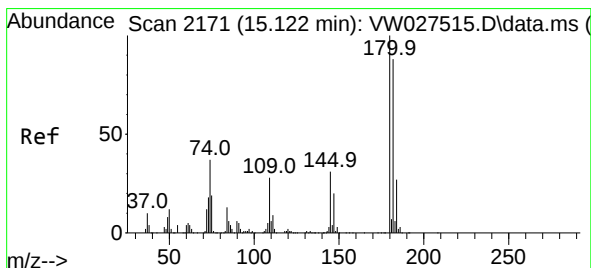
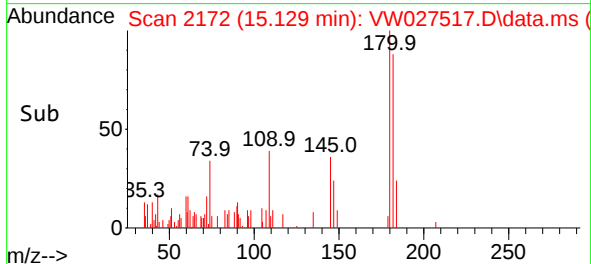
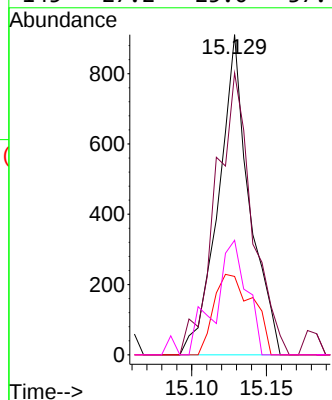
Ion Ratio Lower Upper

180 100

182 103.9 73.4 110.0

184 31.6 23.3 34.9

145 27.2 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 0.667 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027517.D

Acq: 02 Nov 2023 13:47

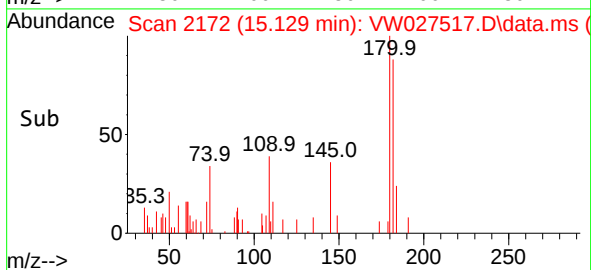
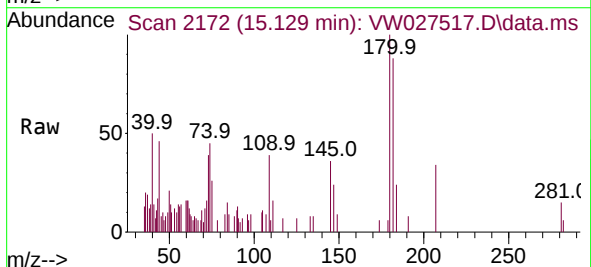
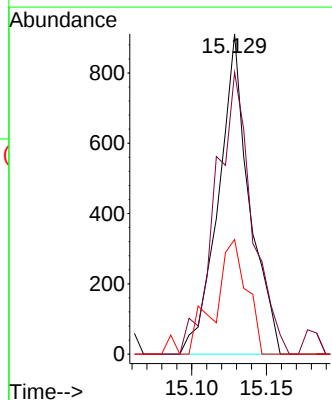
Tgt Ion:180 Resp: 1308

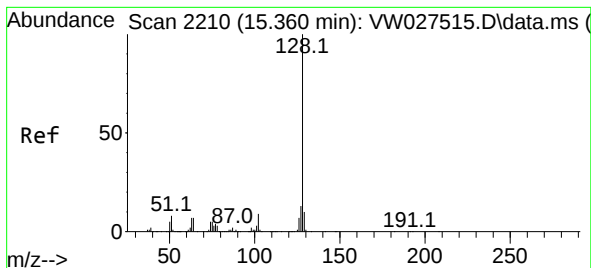
Ion Ratio Lower Upper

180 100

182 103.9 75.5 113.3

145 27.2 26.4 39.6





#71

Naphthalene

Concen: 0.799 ug/L

RT: 15.366 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW027517.D

Acq: 02 Nov 2023 13:47

Instrument :

MSVOA_W

ClientSampleId :

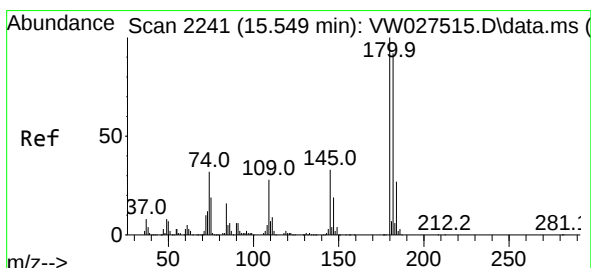
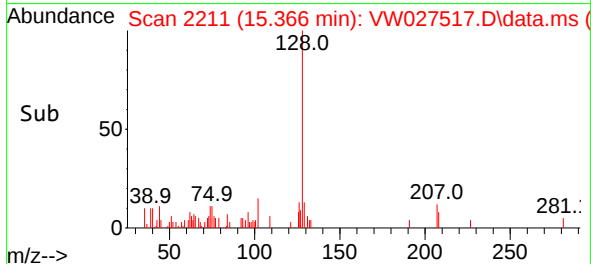
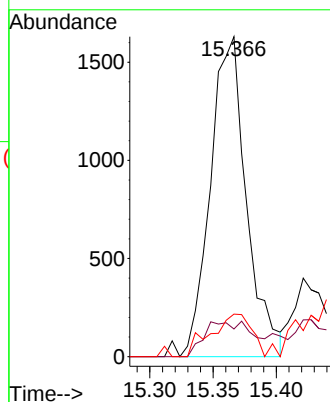
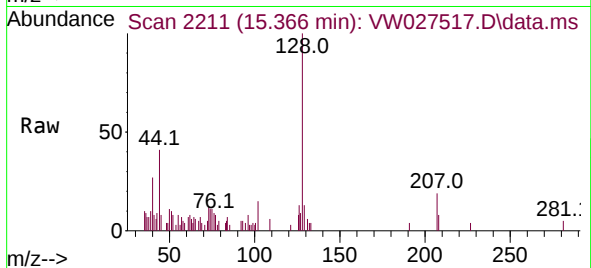
Tgt Ion:128 Resp: 3225

Ion Ratio Lower Upper

128 100

127 3.5 10.0 15.0#

129 13.4 8.5 12.7#



#72

1,2,3-Trichlorobenzene

Concen: 0.889 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027517.D

Acq: 02 Nov 2023 13:47

Tgt Ion:180 Resp: 1434

Ion Ratio Lower Upper

180 100

182 93.2 81.1 121.7

145 51.5 30.6 45.8#

