

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
 Data File : VW027411.D
 Acq On : 24 Oct 2023 12:54
 Operator : SY/MD
 Sample : 04961-06RE
 Misc : 5.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 01:30:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 25 01:28:28 2023
 Response via : Initial Calibration

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

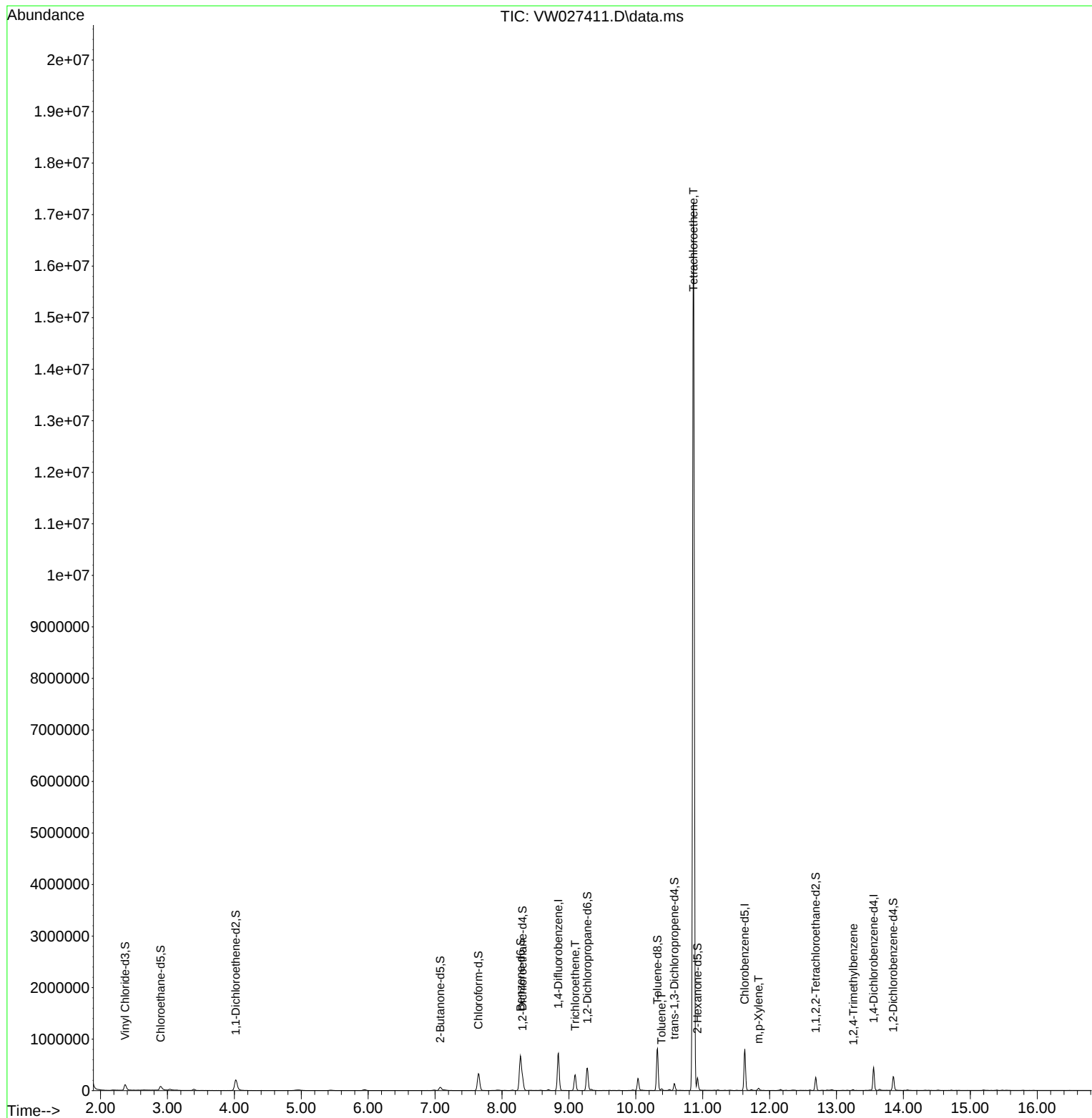
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	582717	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	417397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	108039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	143312	16.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.440%
7) Chloroethane-d5	2.899	69	114453	17.924	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.680%
11) 1,1-Dichloroethene-d2	4.021	65	73614	16.520	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.080%
21) 2-Butanone-d5	7.075	46	111120	37.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.180%
24) Chloroform-d	7.648	84	332945	19.170	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.680%
26) 1,2-Dichloroethane-d4	8.307	65	178833	19.168	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.680%
32) Benzene-d6	8.276	84	671665	23.784	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.276	67	213545	24.757	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.040%
41) Toluene-d8	10.325	98	518335	20.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.960%
43) trans-1,3-Dichloroprop...	10.575	79	73829	18.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.080%
47) 2-Hexanone-d5	10.922	63	79605	44.607	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	128499	19.967	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	66694	17.035	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.120%#
Target Compounds						Qvalue
34) Trichloroethene	9.093	95	108158	15.010	ug/L	94
42) Toluene	10.386	91	21607	0.755	ug/L	92
46) Tetrachloroethene	10.861	164	3513830	706.238	ug/L	95
53) m,p-Xylene	11.836	106	9774	0.775	ug/L	94
63) 1,2,4-Trimethylbenzene	13.251	105	8492	0.613	ug/L	98

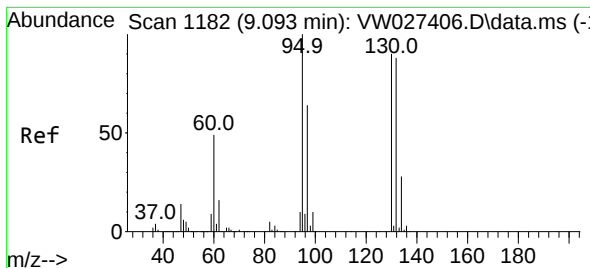
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Oct 25 01:28:28 2023
Response via : Initial Calibration





#34

Trichloroethene

Concen: 15.010 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

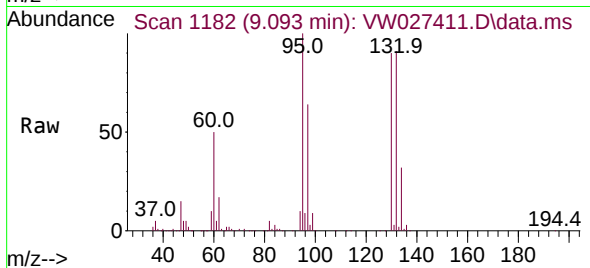
Lab File: VW027411.D

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Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 108158

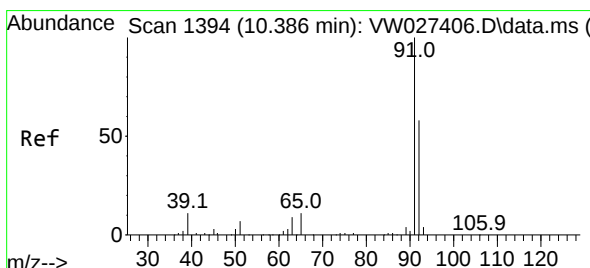
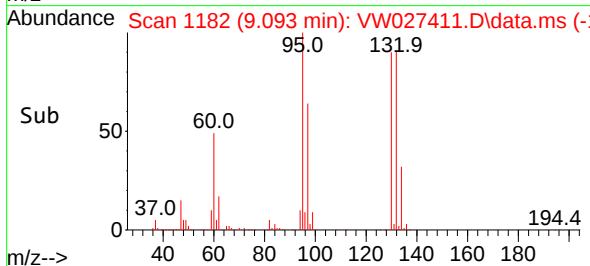
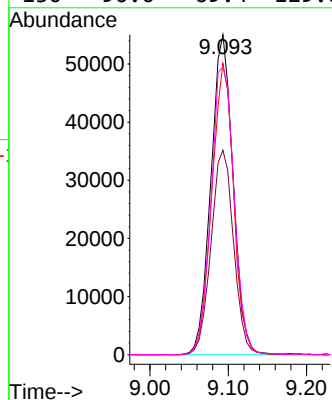
Ion Ratio Lower Upper

95 100

97 63.9 43.4 80.6

132 91.1 67.6 125.6

130 90.0 69.4 129.0



#42

Toluene

Concen: 0.755 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027411.D

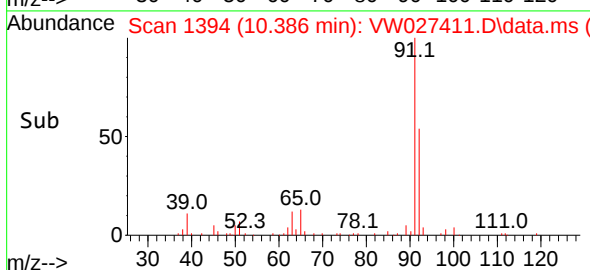
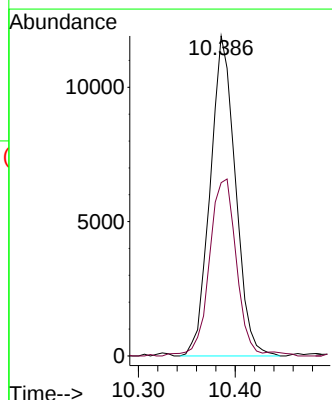
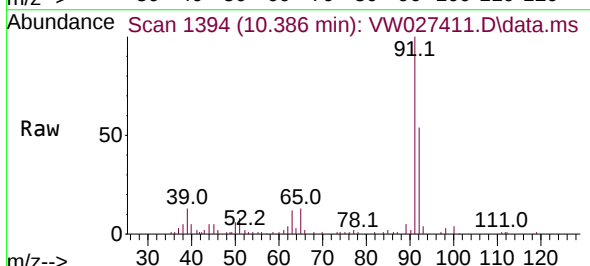
Acq: 24 Oct 2023 12:54

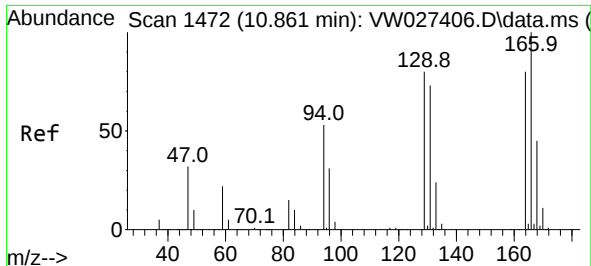
Tgt Ion: 91 Resp: 21607

Ion Ratio Lower Upper

91 100

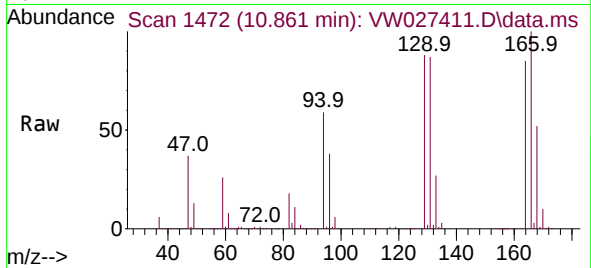
92 54.2 42.1 78.1



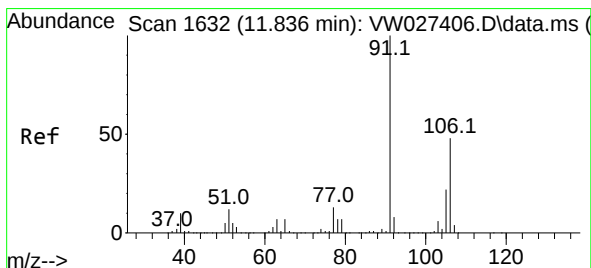
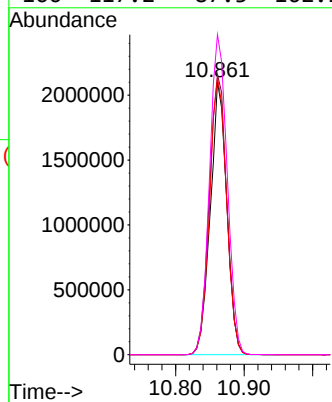
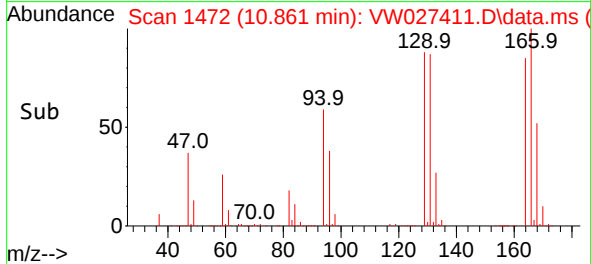


#46
Tetrachloroethene
Concen: 706.238 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027411.D
Acq: 24 Oct 2023 12:54

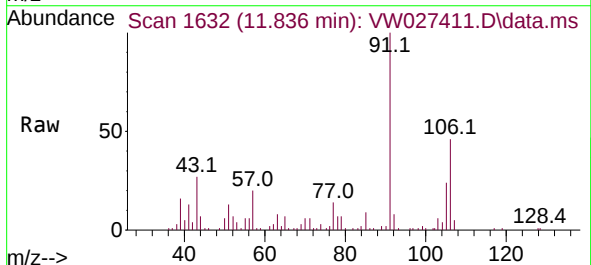
Instrument :
MSVOA_W
ClientSampleId :



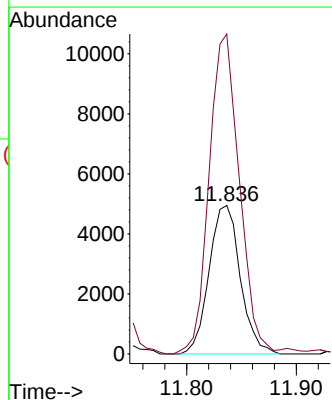
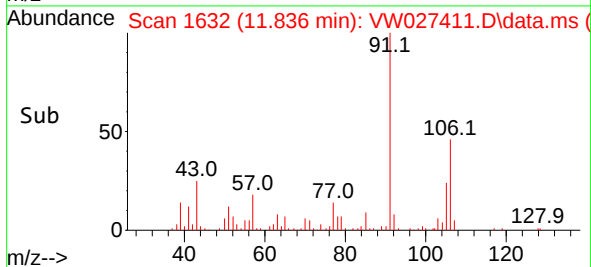
Tgt Ion:164 Resp: 3513830
Ion Ratio Lower Upper
164 100
129 102.7 74.7 138.7
131 101.6 73.2 136.0
166 117.2 87.3 162.1

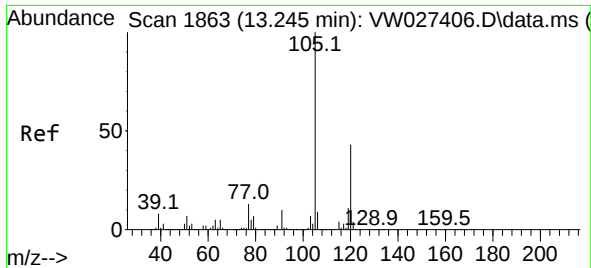


#53
m,p-Xylene
Concen: 0.775 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027411.D
Acq: 24 Oct 2023 12:54



Tgt Ion:106 Resp: 9774
Ion Ratio Lower Upper
106 100
91 215.6 144.5 268.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.613 ug/L
 RT: 13.251 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW027411.D
 Acq: 24 Oct 2023 12:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 8492
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.4 53.2

