

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020723\
 Data File : VW025302.D
 Acq On : 07 Feb 2023 12:06
 Operator : SY/MD
 Sample : 01378-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT1-2023-02

Quant Time: Feb 07 20:18:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 20:11:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	274099	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	242928	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	114067	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	54950	20.717	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.880%		
7) Chloroethane-d5	2.897	69	47057	19.981	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.920%		
11) 1,1-Dichloroethene-d2	4.019	63	127552	17.343	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.360%		
21) 2-Butanone-d5	7.080	46	30166	43.810	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.620%		
24) Chloroform-d	7.647	84	175595	24.442	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.760%		
26) 1,2-Dichloroethane-d4	8.305	65	93875	26.825	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	107.320%		
32) Benzene-d6	8.275	84	331893	22.542	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.160%		
36) 1,2-Dichloropropane-d6	9.274	67	92044	21.366	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.480%		
41) Toluene-d8	10.323	98	310353	23.581	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.320%		
43) trans-1,3-Dichloroprop...	10.579	79	39395	24.473	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.880%		
47) 2-Hexanone-d5	10.920	63	24642	51.018	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.040%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	64661	22.072	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.280%		
66) 1,2-Dichlorobenzene-d4	13.847	152	98210	24.816	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.280%		
Target Compounds						
49) Dibromochloromethane	11.128	129	3338	1.131	ug/L	82
69) 1,3,5-Trichlorobenzene	14.621	180	6389	1.228	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	5037	1.189	ug/L	95
71) Naphthalene	15.359	128	8468	1.093	ug/L	98
72) 1,2,3-Trichlorobenzene	15.541	180	4318	1.187	ug/L	98

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

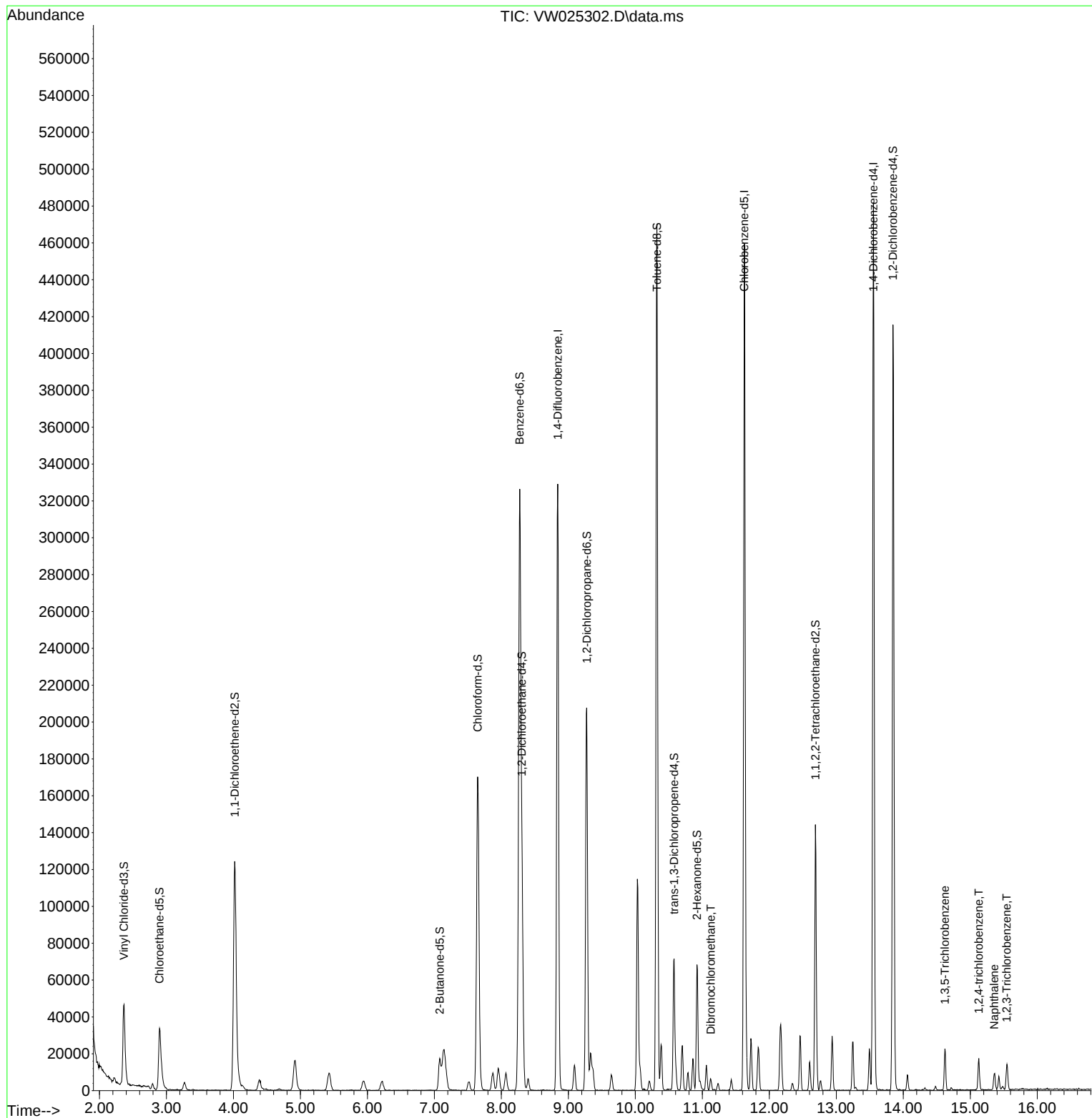
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020723\
Data File : VW025302.D
Acq On : 07 Feb 2023 12:06
Operator : SY/MD
Sample : 01378-04
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

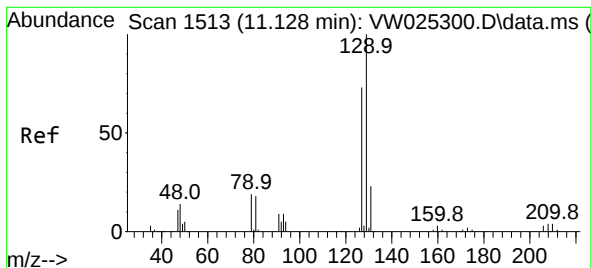
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2023-02

Quant Time: Feb 07 20:18:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 07 20:11:22 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 02/08/2023
Supervised By : Mahesh Dadoda 02/08/2023





#49

Dibromochloromethane

Concen: 1.131 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025302.D

Acq: 07 Feb 2023 12:06

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT1-2023-02

Tgt Ion:129 Resp: 3338

Ion Ratio Lower Upper

129 100

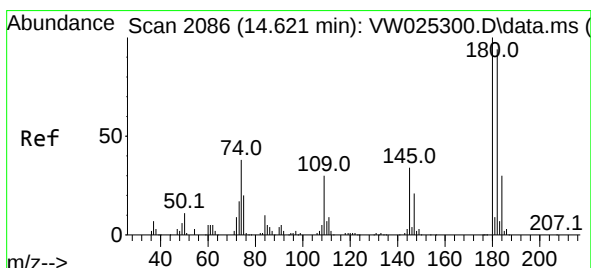
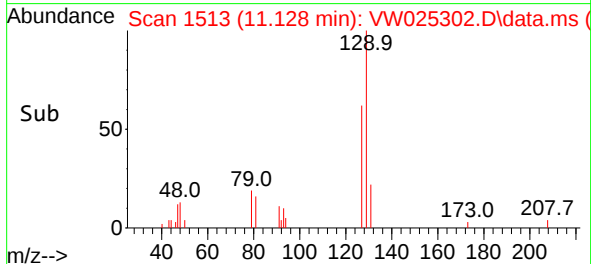
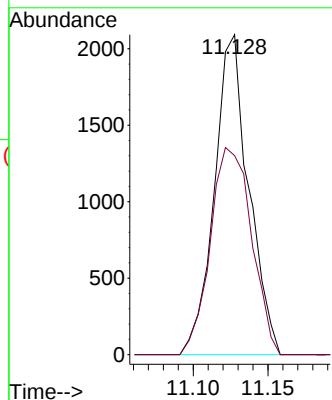
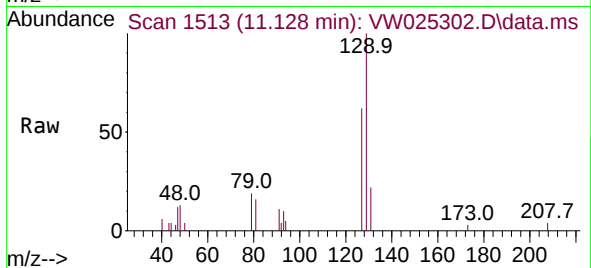
127 62.2 54.8 101.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#69

1,3,5-Trichlorobenzene

Concen: 1.228 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW025302.D

Acq: 07 Feb 2023 12:06

Tgt Ion:180 Resp: 6389

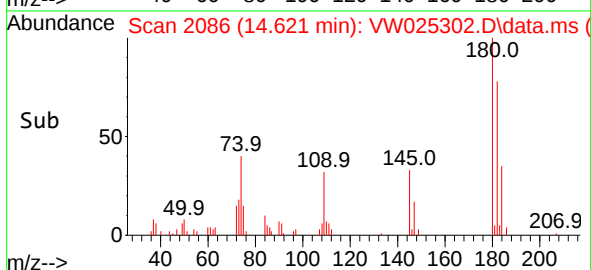
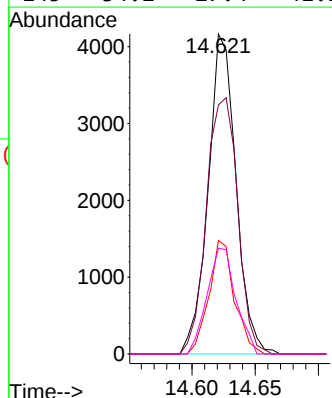
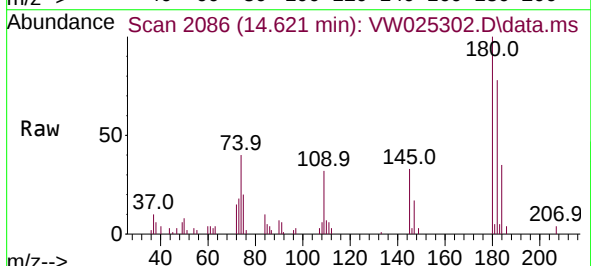
Ion Ratio Lower Upper

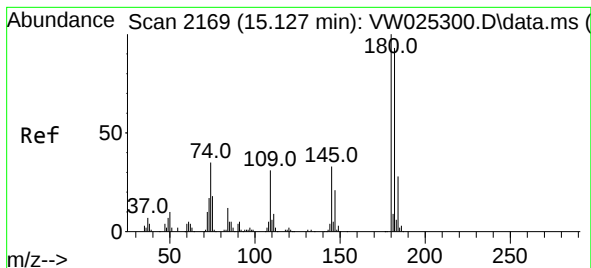
180 100

182 89.8 77.7 116.5

184 32.5 24.4 36.6

145 34.2 27.4 41.2





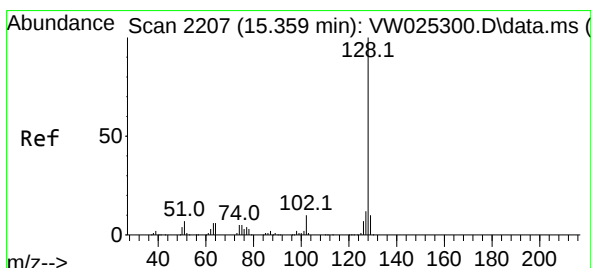
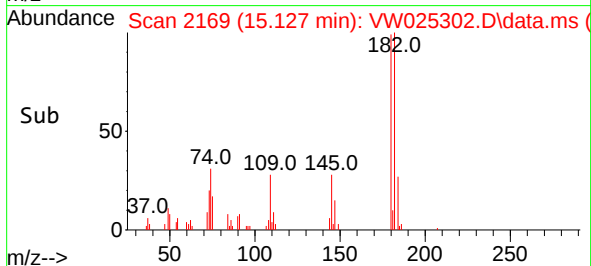
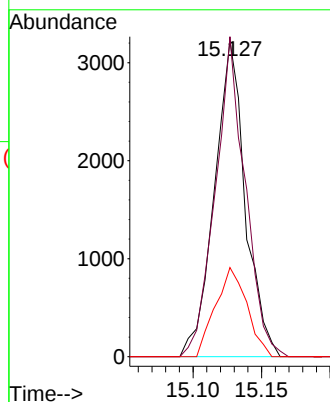
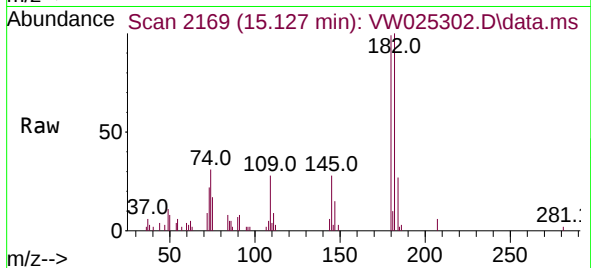
#70
1,2,4-trichlorobenzene
Concen: 1.189 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025302.D
Acq: 07 Feb 2023 12:06

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT1-2023-02

Tgt Ion:180 Resp: 503
Ion Ratio Lower Upper
180 100
182 98.3 76.4 114.6
145 28.7 27.4 41.2

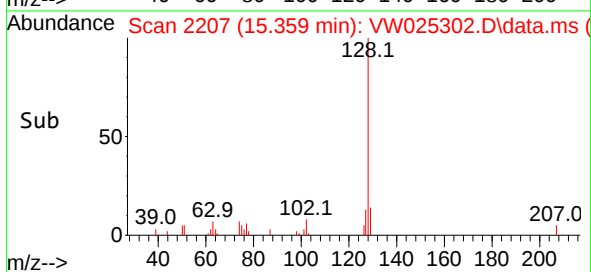
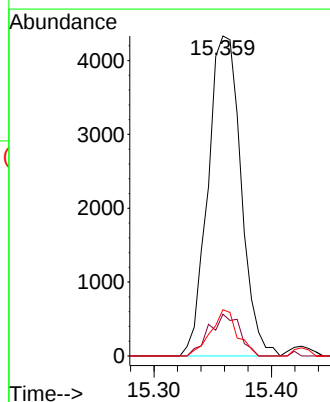
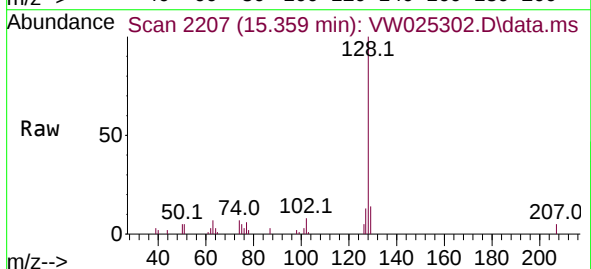
Manual Integrations
APPROVED

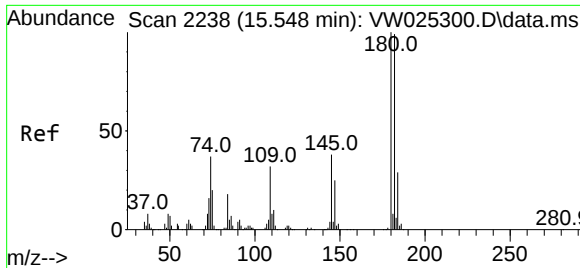
Reviewed By :Semsettin Yesilyurt 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#71
Naphthalene
Concen: 1.093 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW025302.D
Acq: 07 Feb 2023 12:06

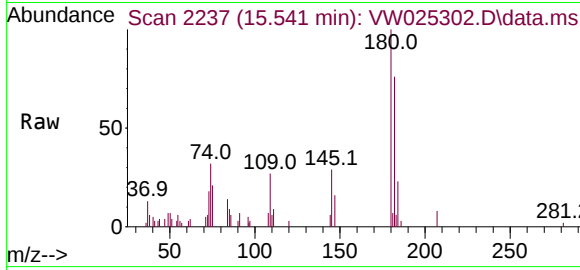
Tgt Ion:128 Resp: 8468
Ion Ratio Lower Upper
128 100
127 12.2 10.4 15.6
129 11.6 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.187 ug/L
 RT: 15.541 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW025302.D
 Acq: 07 Feb 2023 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT1-2023-02



Tgt Ion:	180	Resp:	4318
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.1	112.7
145	38.8	28.8	43.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

