

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020623\
 Data File : VW025289.D
 Acq On : 06 Feb 2023 11:17
 Operator : SY/MD
 Sample : 01378-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT1-2023-01

Quant Time: Feb 07 00:27:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 00:17:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	368110	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	322970	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	156482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	84060	23.598	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.400%		
7) Chloroethane-d5	2.898	69	74802	23.650	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.600%		
11) 1,1-Dichloroethene-d2	4.019	63	163683	16.572	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.280%		
21) 2-Butanone-d5	7.080	46	46793	50.602	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.200%		
24) Chloroform-d	7.647	84	222927	23.105	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.440%		
26) 1,2-Dichloroethane-d4	8.305	65	118830	25.284	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.120%		
32) Benzene-d6	8.275	84	451901	23.086	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.360%		
36) 1,2-Dichloropropane-d6	9.274	67	129650	22.637	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.560%		
41) Toluene-d8	10.323	98	404844	23.137	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.560%		
43) trans-1,3-Dichloroprop...	10.573	79	53455	24.978	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.920%		
47) 2-Hexanone-d5	10.921	63	36539	56.901	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.800%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	93964	24.125	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.520%		
66) 1,2-Dichlorobenzene-d4	13.847	152	131155	24.158	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.640%		
Target Compounds						Qvalue
45) 1,1,2-Trichloroethane	10.786	97	4446	1.280	ug/L	90
48) 2-Hexanone	10.975	43	4245	2.763	ug/L #	96
49) Dibromochloromethane	11.128	129	4916	1.253	ug/L	95
50) 1,2-Dibromoethane	11.238	107	3914	1.230	ug/L #	93
54) o-Xylene	12.158	106	9888	0.973	ug/L	86
55) Styrene	12.176	104	16578	0.964	ug/L	99
59) Bromoform	12.347	173	2915	1.313	ug/L #	95
62) 1,3,5-Trimethylbenzene	12.938	105	21607	1.011	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	12623	1.150	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	8207	1.149	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	6913	1.189	ug/L	93
71) Naphthalene	15.365	128	12338	1.161	ug/L #	87
72) 1,2,3-Trichlorobenzene	15.548	180	5933	1.188	ug/L	97

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

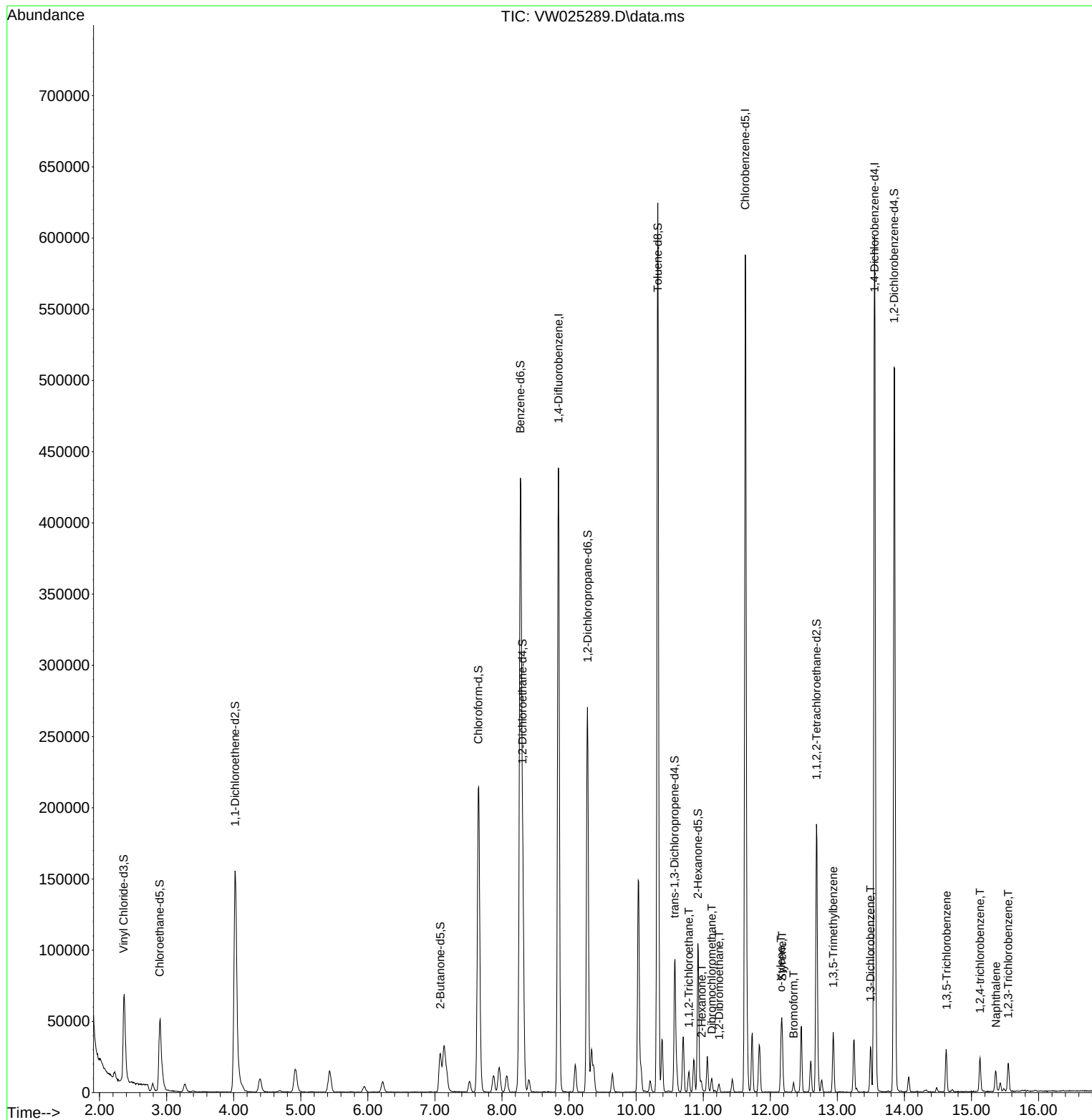
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020623\
Data File : VW025289.D
Acq On : 06 Feb 2023 11:17
Operator : SY/MD
Sample : 01378-03
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

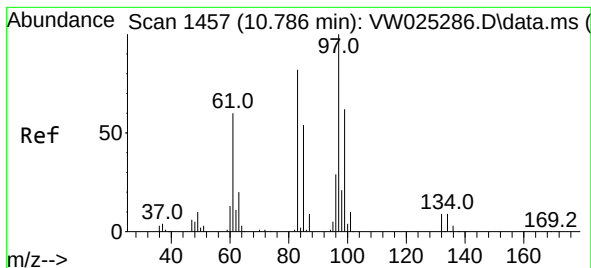
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2023-01

Quant Time: Feb 07 00:27:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 07 00:17:55 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

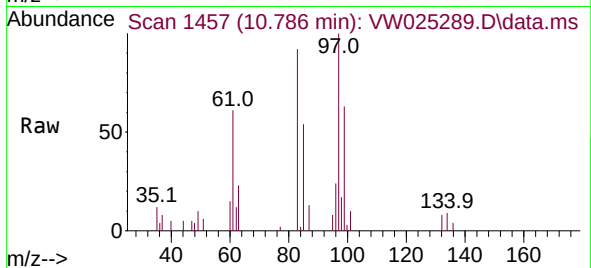
Reviewed By : Semsettin Yesilyurt 02/07/2023
Supervised By : Mahesh Dadoda 02/07/2023





#45
1,1,2-Trichloroethane
Concen: 1.280 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025289.D
Acq: 06 Feb 2023 11:17

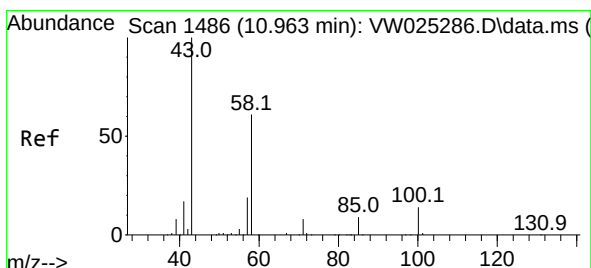
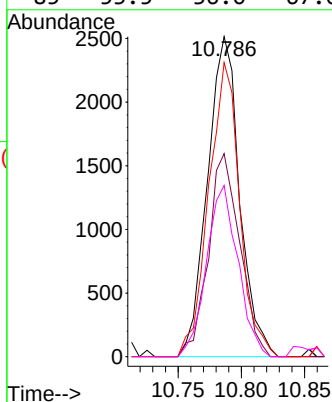
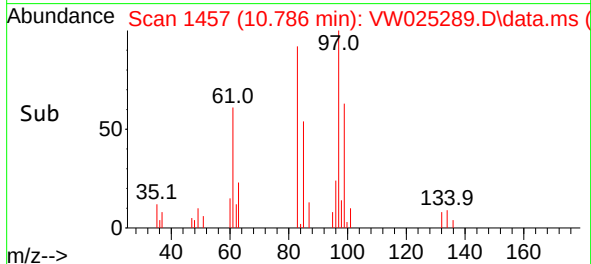
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2023-01



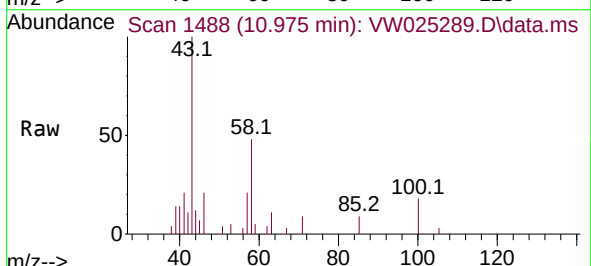
Tgt Ion:	97	Resp:	444
Ion	Ratio	Lower	Upper
97	100		
99	63.4	41.4	76.8
83	91.9	54.0	100.4
85	53.5	36.0	67.0

Manual Integrations
APPROVED

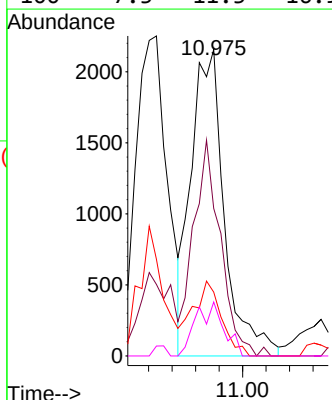
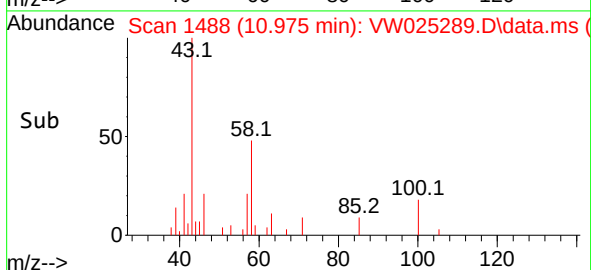
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

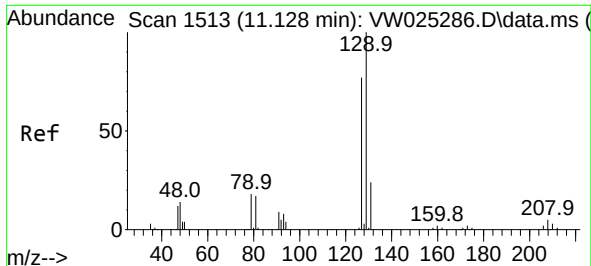


#48
2-Hexanone
Concen: 2.763 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.012 min
Lab File: VW025289.D
Acq: 06 Feb 2023 11:17



Tgt Ion:	43	Resp:	4245
Ion	Ratio	Lower	Upper
43	100		
58	56.8	46.3	69.5
57	21.4	16.5	24.7
100	7.3	11.3	16.9





#49

Dibromochloromethane

Concen: 1.253 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW025289.D

Acq: 06 Feb 2023 11:17

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT1-2023-01

Tgt Ion:129 Resp: 4910

Ion Ratio Lower Upper

129 100

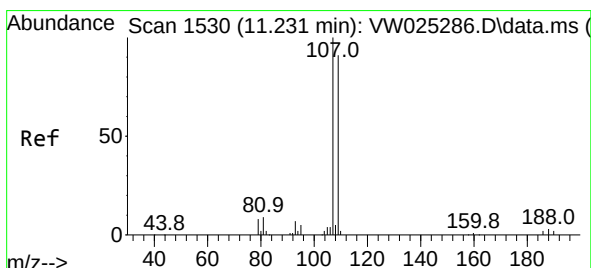
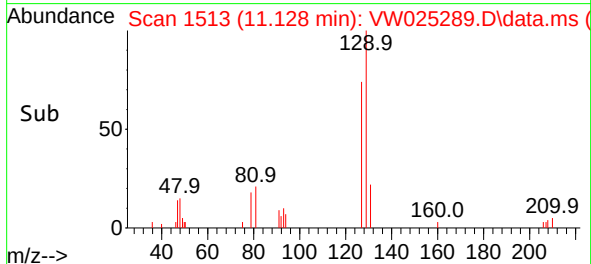
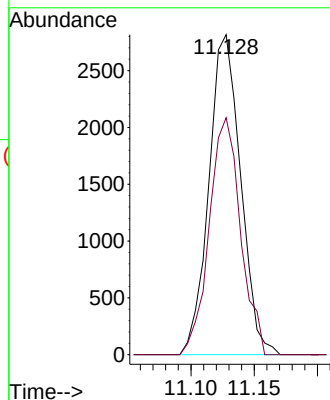
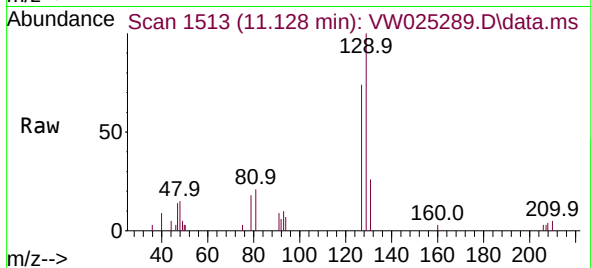
127 74.1 54.8 101.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#50

1,2-Dibromoethane

Concen: 1.230 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW025289.D

Acq: 06 Feb 2023 11:17

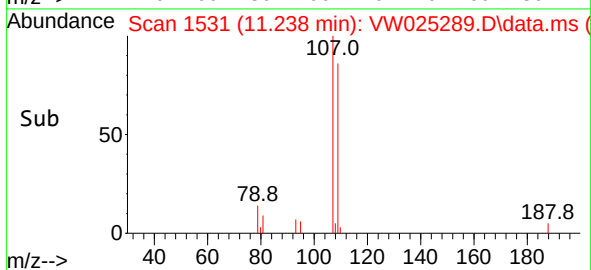
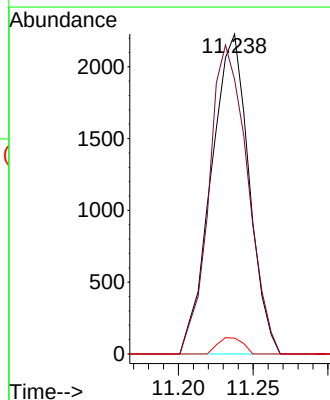
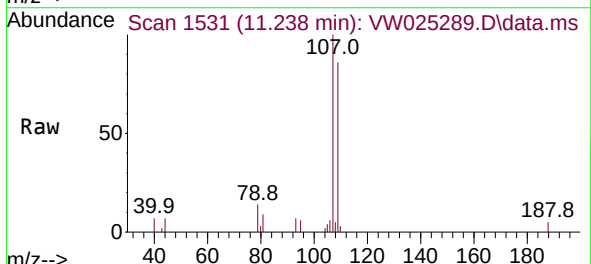
Tgt Ion:107 Resp: 3914

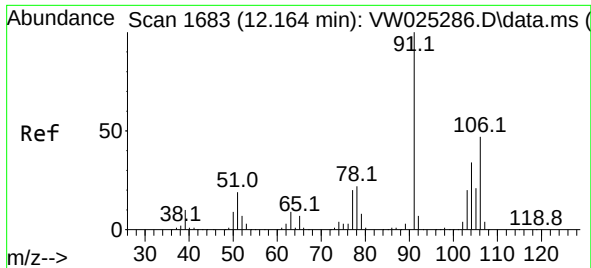
Ion Ratio Lower Upper

107 100

109 85.7 65.0 120.6

188 4.9 2.3 3.5#





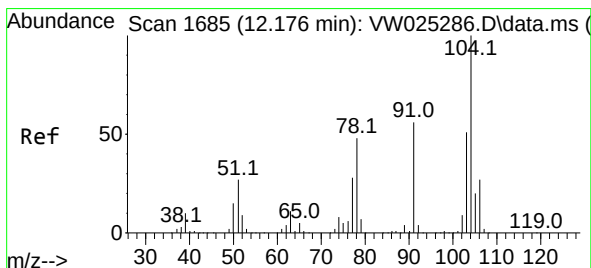
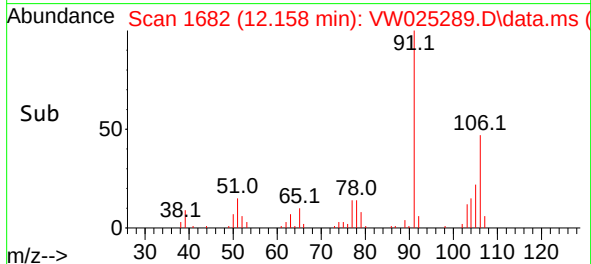
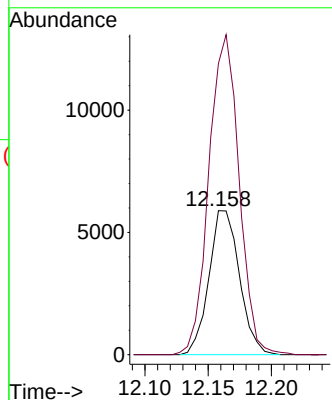
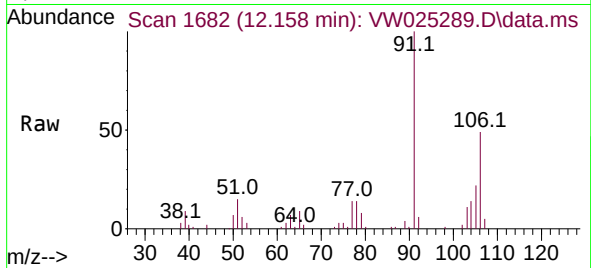
#54
o-Xylene
Concen: 0.973 ug/L
RT: 12.158 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VW025289.D
Acq: 06 Feb 2023 11:17

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2023-01

Tgt Ion:106 Resp: 988
Ion Ratio Lower Upper
106 100
91 202.3 157.6 292.8

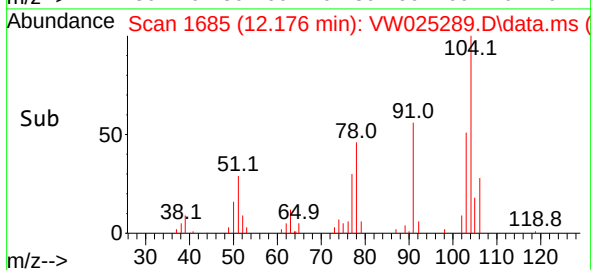
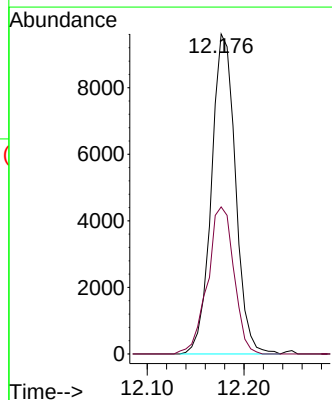
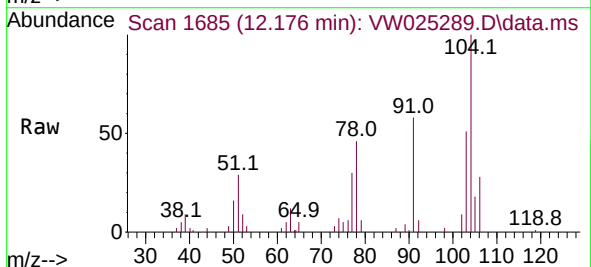
Manual Integrations
APPROVED

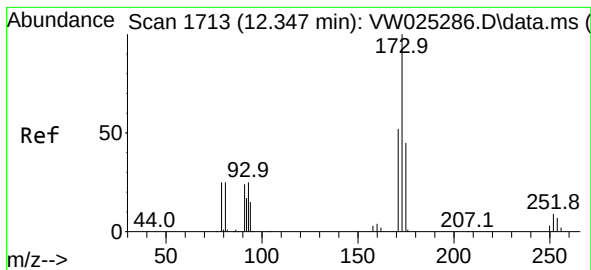
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#55
Styrene
Concen: 0.964 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025289.D
Acq: 06 Feb 2023 11:17

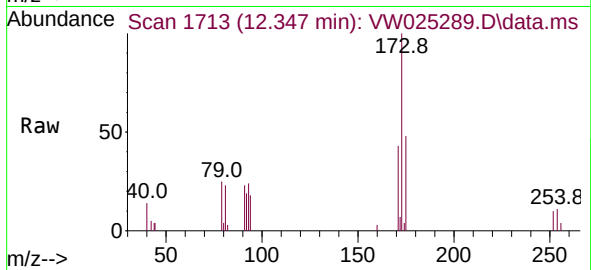
Tgt Ion:104 Resp: 16578
Ion Ratio Lower Upper
104 100
78 45.9 32.8 60.8





#59
Bromoform
Concen: 1.313 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW025289.D
Acq: 06 Feb 2023 11:17

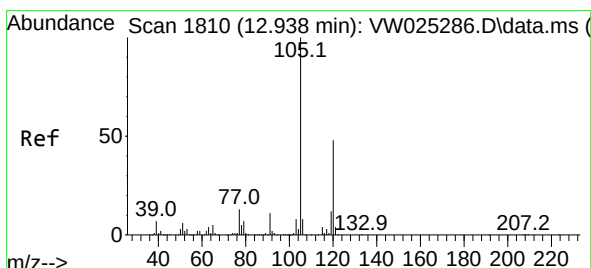
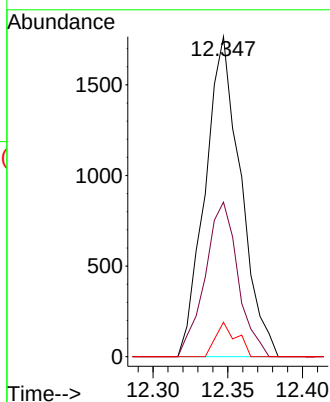
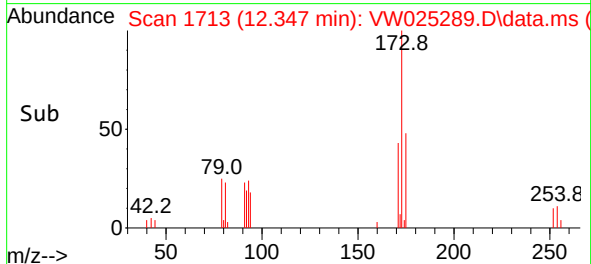
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2023-01



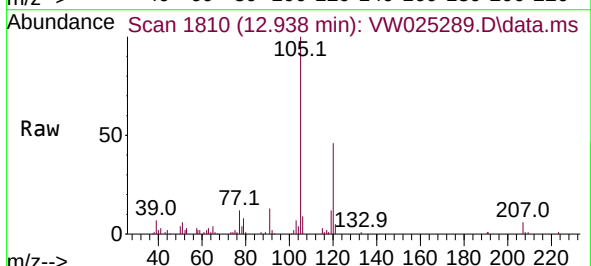
Tgt Ion:173 Resp: 2915
Ion Ratio Lower Upper
173 100
175 44.8 38.6 58.0
254 6.3 7.0 10.4

Manual Integrations
APPROVED

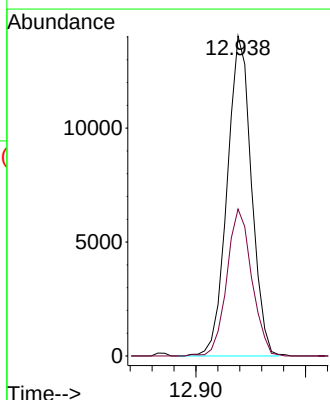
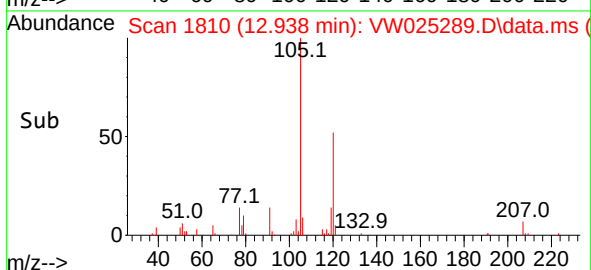
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

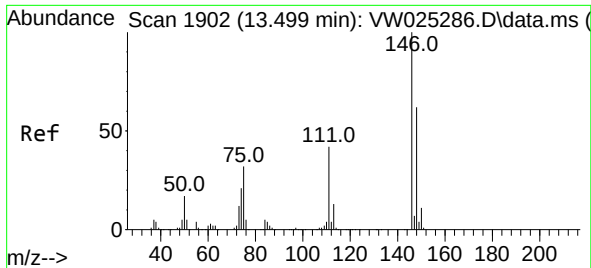


#62
1,3,5-Trimethylbenzene
Concen: 1.011 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025289.D
Acq: 06 Feb 2023 11:17



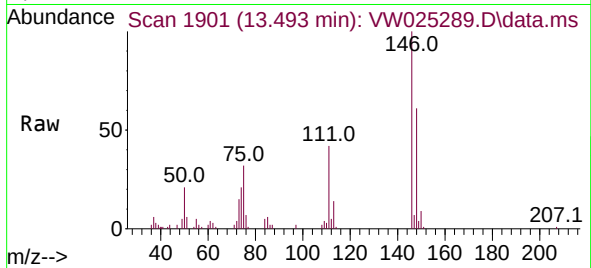
Tgt Ion:105 Resp: 21607
Ion Ratio Lower Upper
105 100
120 46.9 37.0 55.4





#64
1,3-Dichlorobenzene
Concen: 1.150 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW025289.D
Acq: 06 Feb 2023 11:17

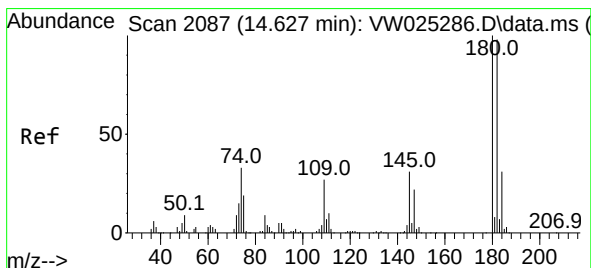
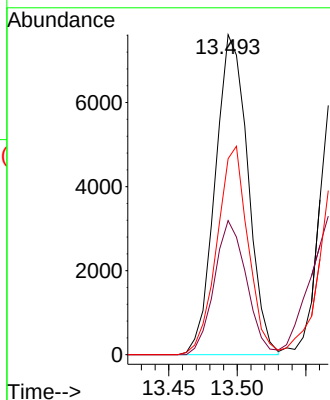
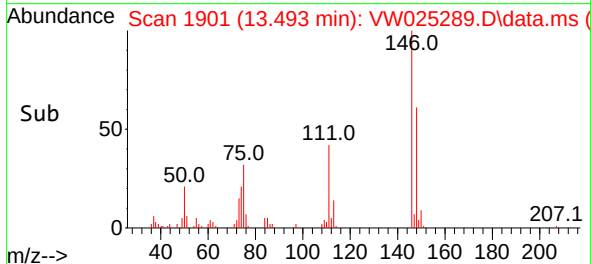
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2023-01



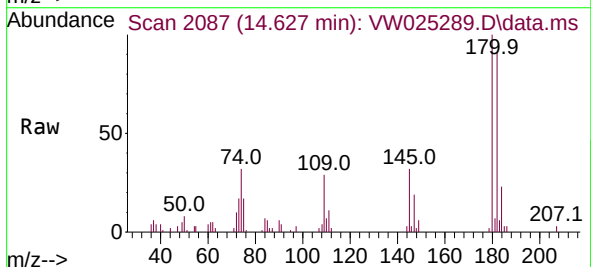
Tgt Ion:146 Resp: 1262
Ion Ratio Lower Upper
146 100
111 41.9 29.0 53.8
148 61.2 41.7 77.5

Manual Integrations
APPROVED

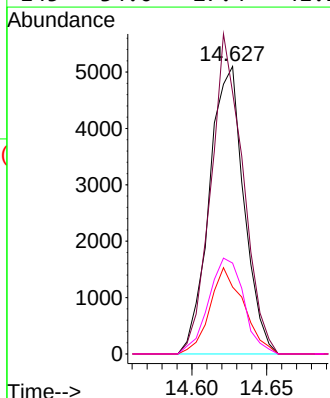
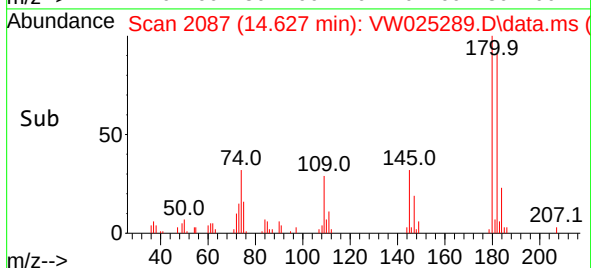
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

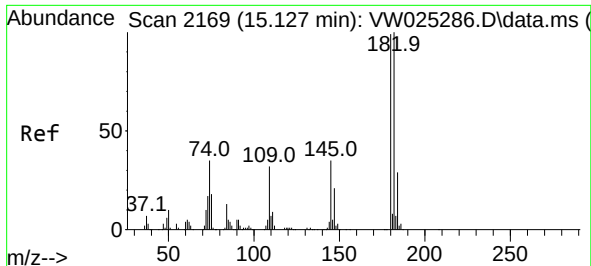


#69
1,3,5-Trichlorobenzene
Concen: 1.149 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW025289.D
Acq: 06 Feb 2023 11:17



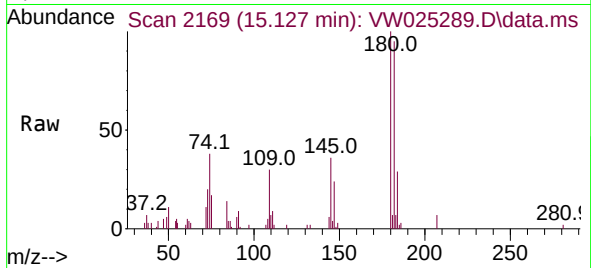
Tgt Ion:180 Resp: 8207
Ion Ratio Lower Upper
180 100
182 103.1 77.7 116.5
184 29.4 24.4 36.6
145 34.0 27.4 41.2





#70
1,2,4-trichlorobenzene
Concen: 1.189 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025289.D
Acq: 06 Feb 2023 11:17

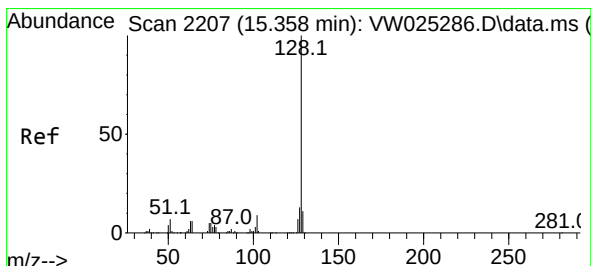
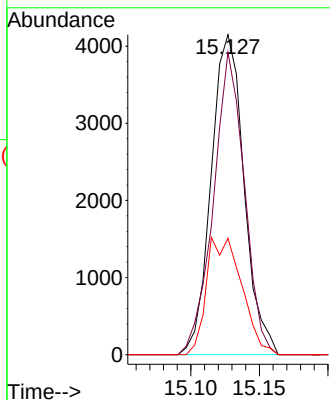
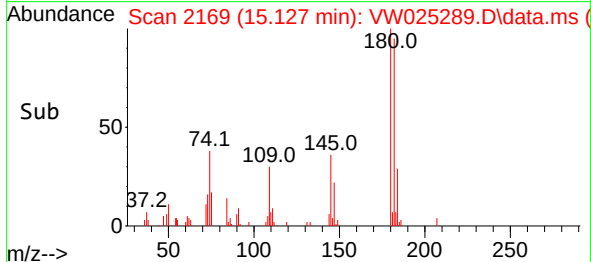
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2023-01



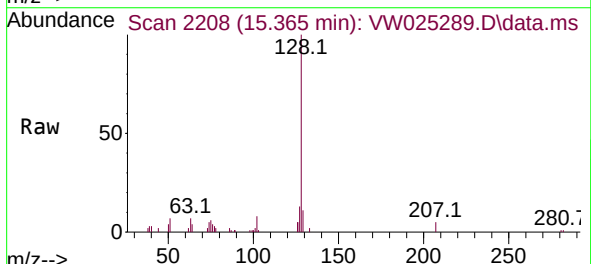
Tgt Ion:180 Resp: 691
Ion Ratio Lower Upper
180 100
182 89.0 76.4 114.6
145 39.4 27.4 41.2

Manual Integrations
APPROVED

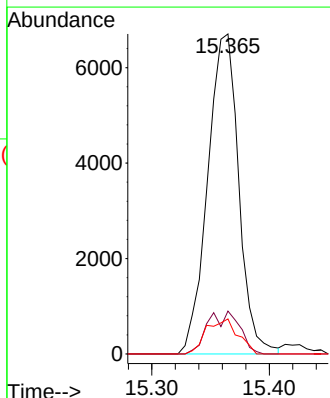
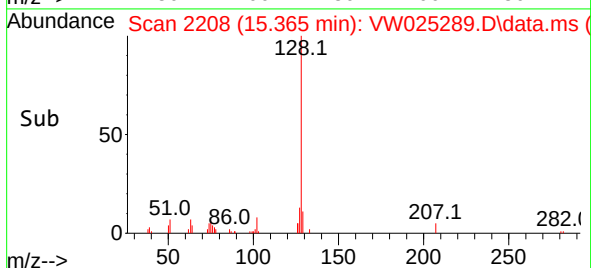
Reviewed By :Semsettin Yesilyurt 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

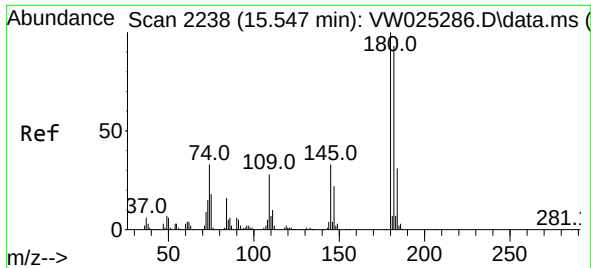


#71
Naphthalene
Concen: 1.161 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW025289.D
Acq: 06 Feb 2023 11:17



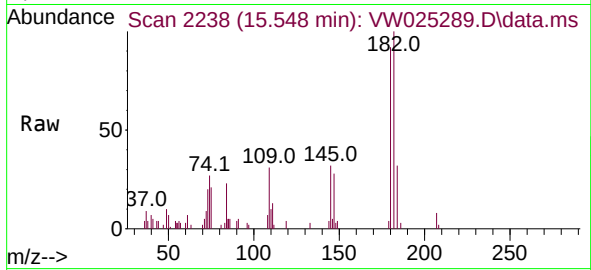
Tgt Ion:128 Resp: 12338
Ion Ratio Lower Upper
128 100
127 6.8 10.4 15.6#
129 6.9 8.7 13.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.188 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025289.D
 Acq: 06 Feb 2023 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT1-2023-01



Tgt Ion:	180	Resp:	593
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.1	112.7
145	33.9	28.8	43.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

