

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
 Data File : VW027212.D
 Acq On : 04 Oct 2023 11:18
 Operator : SY/MD
 Sample : 04696-04 1 PPB MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2023-08DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 01:24:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	549363	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	537656	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	270883	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166534	19.294	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.160%		
7) Chloroethane-d5	2.893	69	136128	19.955	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.800%		
11) 1,1-Dichloroethene-d2	4.021	65	72171	20.125	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.520%		
21) 2-Butanone-d5	7.081	46	71321	39.970	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.940%		
24) Chloroform-d	7.648	84	333509	20.743	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.960%		
26) 1,2-Dichloroethane-d4	8.307	65	165374	21.462	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.840%		
32) Benzene-d6	8.276	84	677276	20.554	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.200%		
36) 1,2-Dichloropropane-d6	9.276	67	196623	19.931	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.720%		
41) Toluene-d8	10.325	98	611029	21.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.040%		
43) trans-1,3-Dichloroprop...	10.581	79	81848	21.142	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.560%		
47) 2-Hexanone-d5	10.922	63	61868	40.998	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.000%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	155648	20.617	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.480%		
66) 1,2-Dichlorobenzene-d4	13.848	152	204604	22.527	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.120%		
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	39706	3.692	ug/L	96
44) trans-1,3-Dichloropropene	10.599	75	9057m	0.766	ug/L	
59) Bromoform	12.343	173	2502	0.585	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	7518m	0.634	ug/L	
70) 1,2,4-trichlorobenzene	15.123	180	6031	0.645	ug/L	97
71) Naphthalene	15.360	128	9208	0.558	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.543	180	5229	0.630	ug/L	96

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

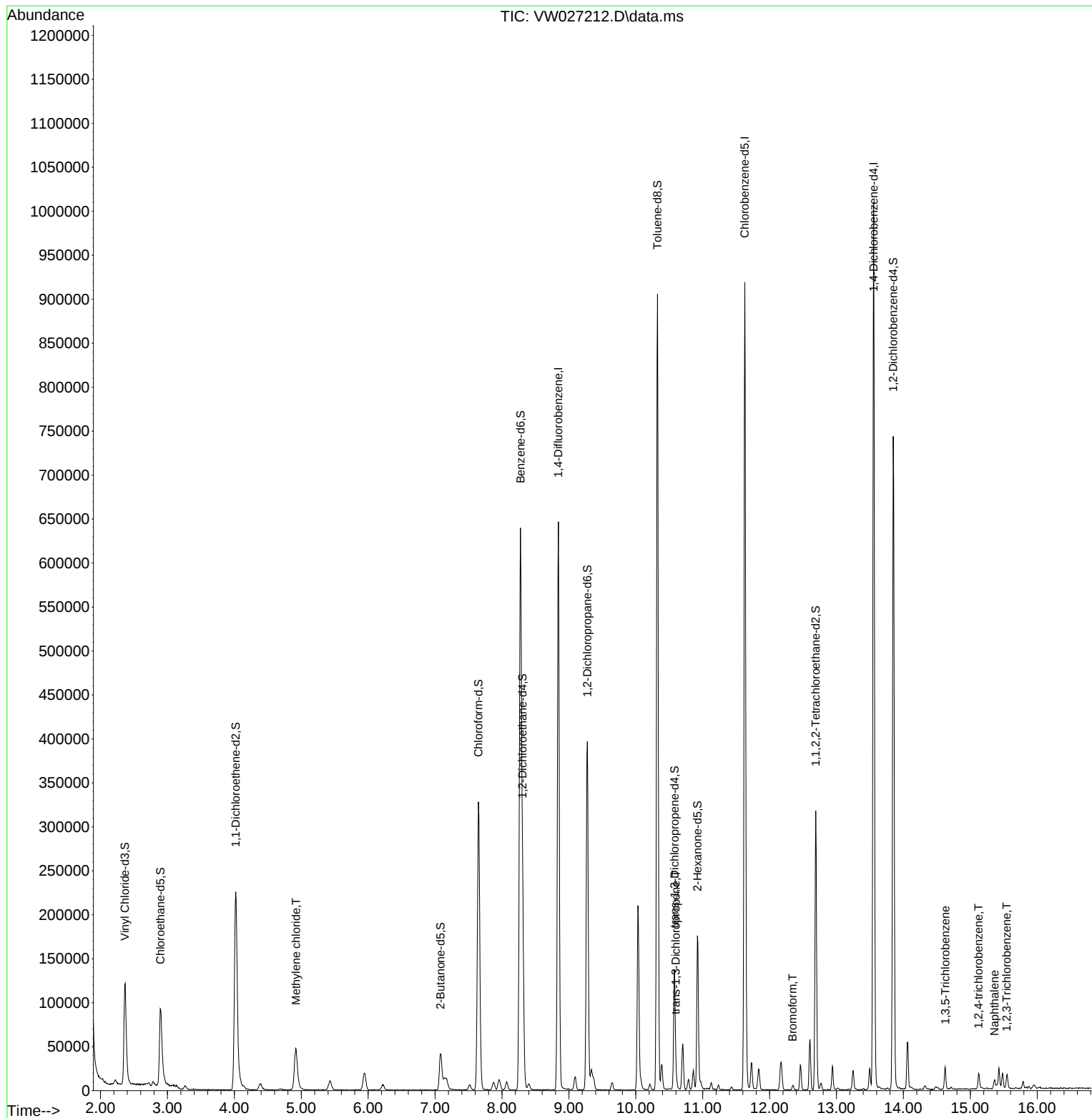
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
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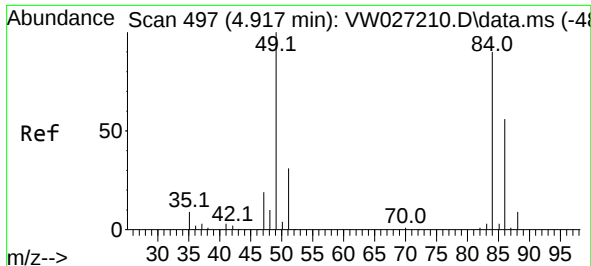
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
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Response via : Initial Calibration

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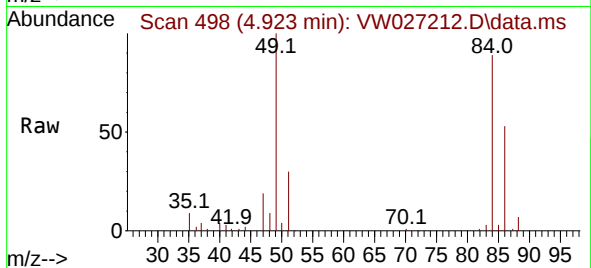
Reviewed By : Semsettin Yesilyurt 10/05/2023
Supervised By : Mahesh Dadoda 10/05/2023





#16
Methylene chloride
Concen: 3.692 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027212.D
Acq: 04 Oct 2023 11:18

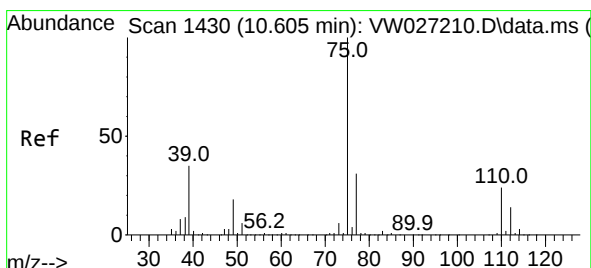
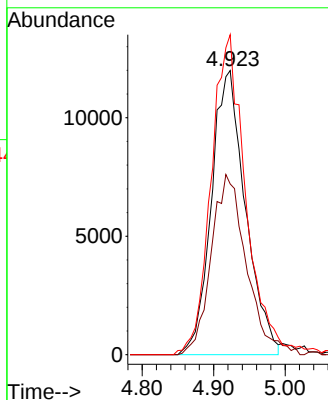
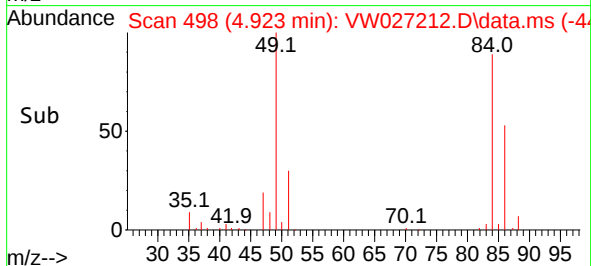
Instrument :
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ClientSampleId :
MDL-SOIL-QT4-2023-08DL



Tgt Ion: 84 Resp: 39700
Ion Ratio Lower Upper
84 100
86 60.1 45.1 83.9
49 112.6 80.9 150.3

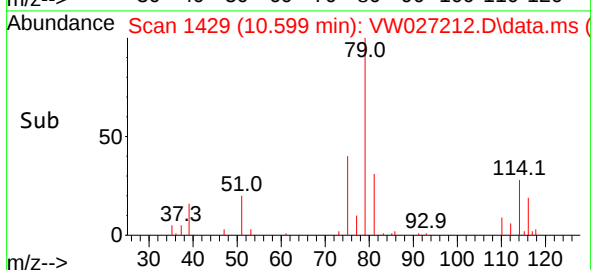
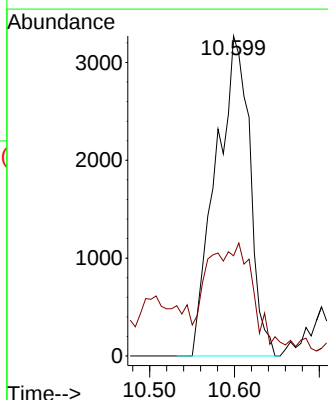
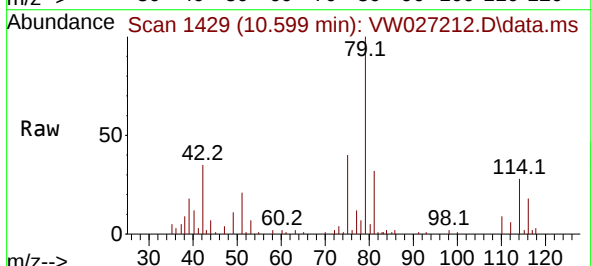
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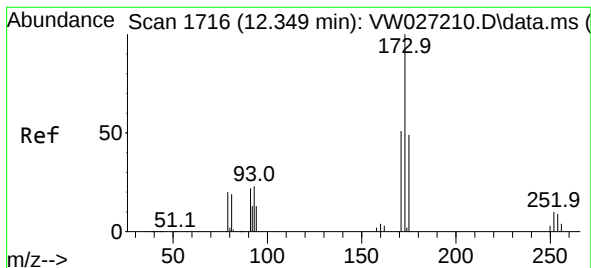
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#44
trans-1,3-Dichloropropene
Concen: 0.766 ug/L m
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW027212.D
Acq: 04 Oct 2023 11:18

Tgt Ion: 75 Resp: 9057
Ion Ratio Lower Upper
75 100
77 31.3 21.6 40.2





#59

Bromoform

Concen: 0.585 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW027212.D

Acq: 04 Oct 2023 11:18

Instrument :

MSVOA_W

ClientSampleId :

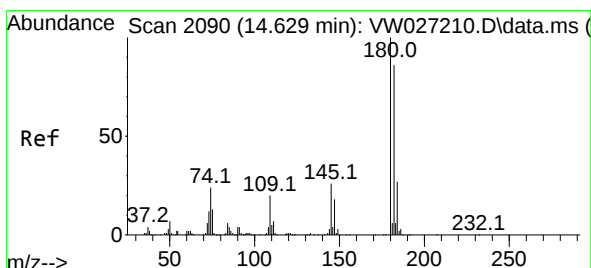
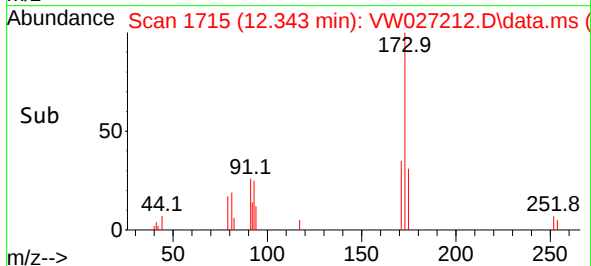
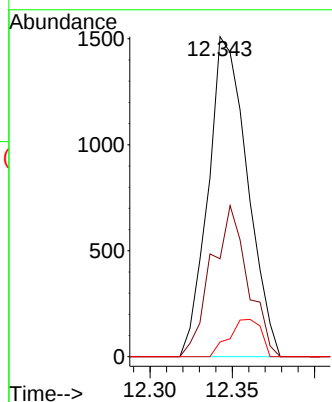
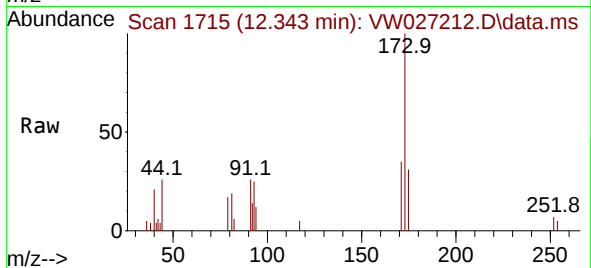
MDL-SOIL-QT4-2023-08DL

Tgt Ion:	173	Resp:	250
Ion Ratio	Lower	Upper	
173	100		
175	44.0	37.1	55.7
254	9.5	7.2	10.8

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#69

1,3,5-Trichlorobenzene

Concen: 0.634 ug/L m

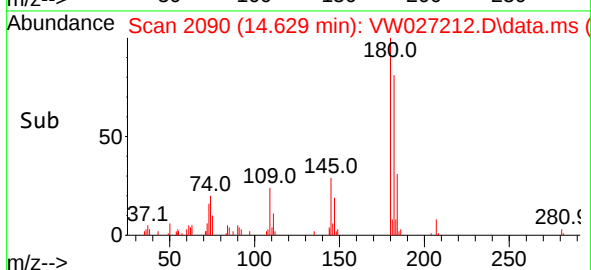
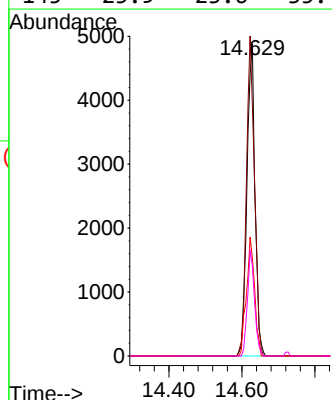
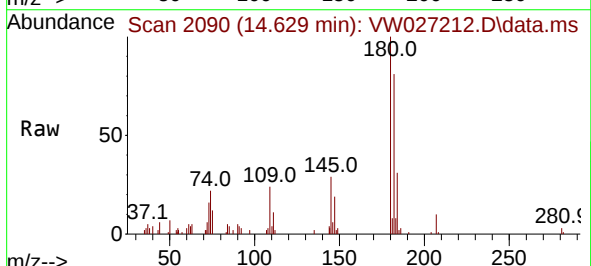
RT: 14.629 min Scan# 2090

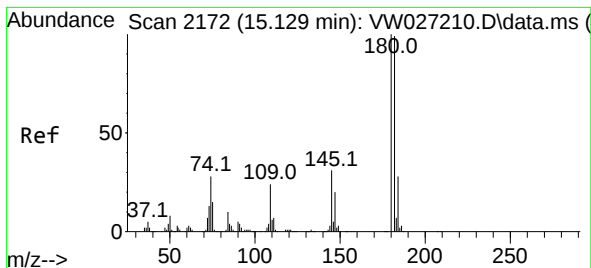
Delta R.T. -0.000 min

Lab File: VW027212.D

Acq: 04 Oct 2023 11:18

Tgt Ion:	180	Resp:	7518
Ion Ratio	Lower	Upper	
180	100		
182	75.4	70.2	105.2
184	22.2	24.6	37.0#
145	25.9	23.6	35.4





#70

1,2,4-trichlorobenzene

Concen: 0.645 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027212.D

Acq: 04 Oct 2023 11:18

Instrument :

MSVOA_W

ClientSampleId :

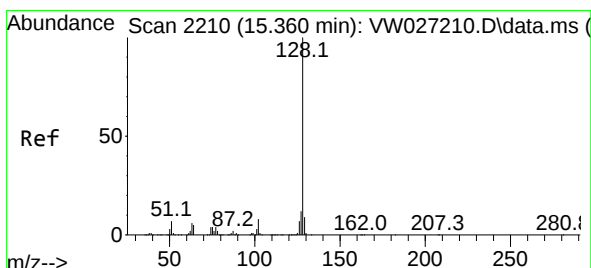
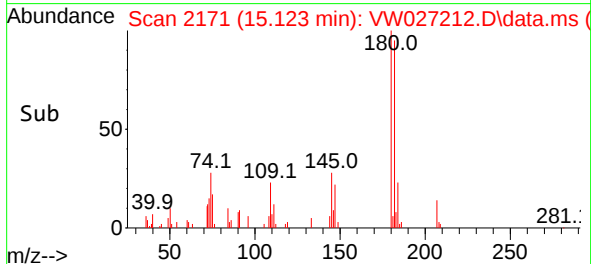
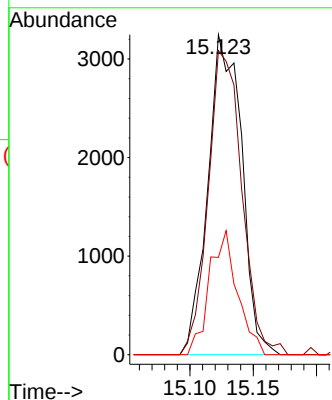
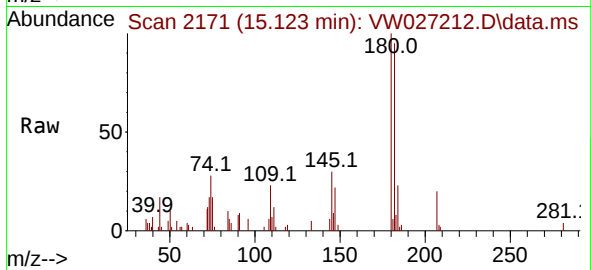
MDL-SOIL-QT4-2023-08DL

Tgt Ion:	180	Resp:	603
Ion Ratio	Lower	Upper	
180	100		
182	94.0	77.4	116.2
145	32.3	24.3	36.5

Manual Integrations

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Supervised By :Mahesh Dadoda 10/05/2023



#71

Naphthalene

Concen: 0.558 ug/L

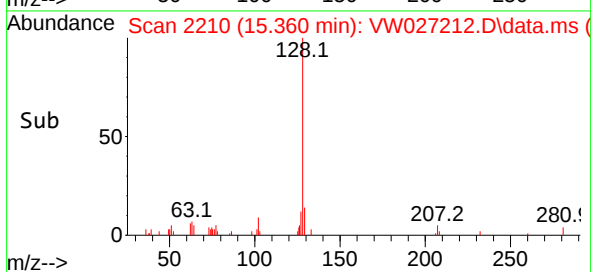
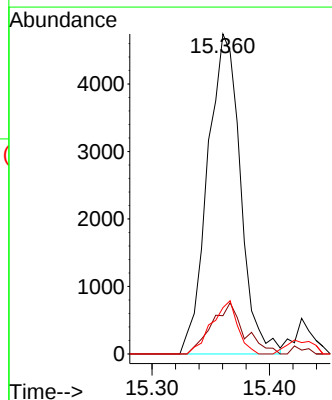
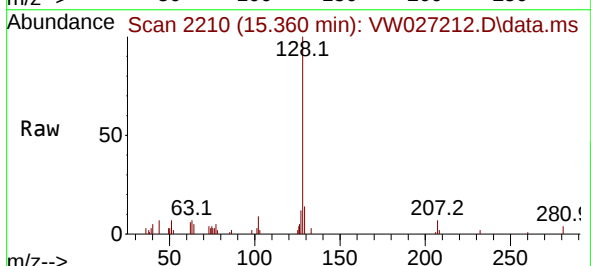
RT: 15.360 min Scan# 2210

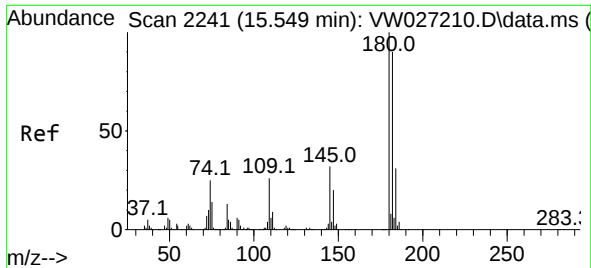
Delta R.T. -0.000 min

Lab File: VW027212.D

Acq: 04 Oct 2023 11:18

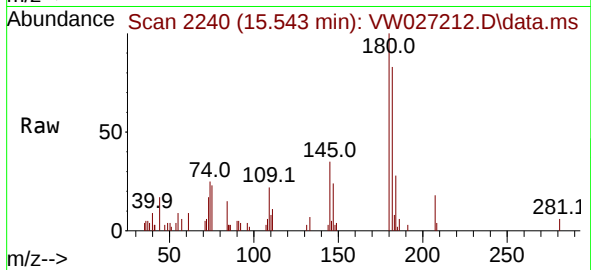
Tgt Ion:	128	Resp:	9208
Ion Ratio	Lower	Upper	
128	100		
127	15.9	10.4	15.6#
129	13.2	8.6	12.8#





#72
1,2,3-Trichlorobenzene
Concen: 0.630 ug/L
RT: 15.543 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW027212.D
Acq: 04 Oct 2023 11:18

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2023-08DL



Tgt Ion:	180	Resp:	5229
Ion Ratio	Lower	Upper	
180	100		
182	89.3	74.7	112.1
145	31.8	26.4	39.6

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