

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
 Data File : VD077712.D
 Acq On : 30 Nov 2023 17:49
 Operator : JC/SY
 Sample : 04929-07
 Misc : 3.60G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AQ5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/01/2023
 Supervised By :Semsettin Yesilyurt 12/01/2023

Quant Time: Nov 30 23:02:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 30 23:00:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	390340	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	309947	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	99482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	235846	22.156	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.640%		
7) Chloroethane-d5	2.805	69	200440	23.624	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.480%		
11) 1,1-Dichloroethene-d2	3.922	65	58905	21.342	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.360%		
21) 2-Butanone-d5	6.993	46	70938	52.729	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.460%		
24) Chloroform-d	7.569	84	235589	22.394	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.560%		
26) 1,2-Dichloroethane-d4	8.234	65	135538	25.428	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.720%		
32) Benzene-d6	8.204	84	490358	26.269	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.080%		
36) 1,2-Dichloropropane-d6	9.210	67	154398	27.108	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	108.440%		
41) Toluene-d8	10.269	98	387546	22.555	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.240%		
43) trans-1,3-Dichloroprop...	10.528	79	64817	25.735	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.920%		
47) 2-Hexanone-d5	10.875	63	61663	62.828	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	125.660%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96592	23.469	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.880%		
66) 1,2-Dichlorobenzene-d4	13.816	152	64442	18.107	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	72.440%#		
Target Compounds					Qvalue	
13) Acetone	4.034	43	10531m	6.109	ug/L	
14) Carbon disulfide	4.269	76	12401m	0.659	ug/L	
15) Methyl Acetate	4.569	43	21955	8.898	ug/L	# 87
51) Chlorobenzene	11.610	112	1748539	131.600	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	497876	77.532	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	1706067	256.034	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	477926	82.709	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	8853m	2.025	ug/L	
70) 1,2,4-trichlorobenzene	15.104	180	42574	11.469	ug/L	100

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

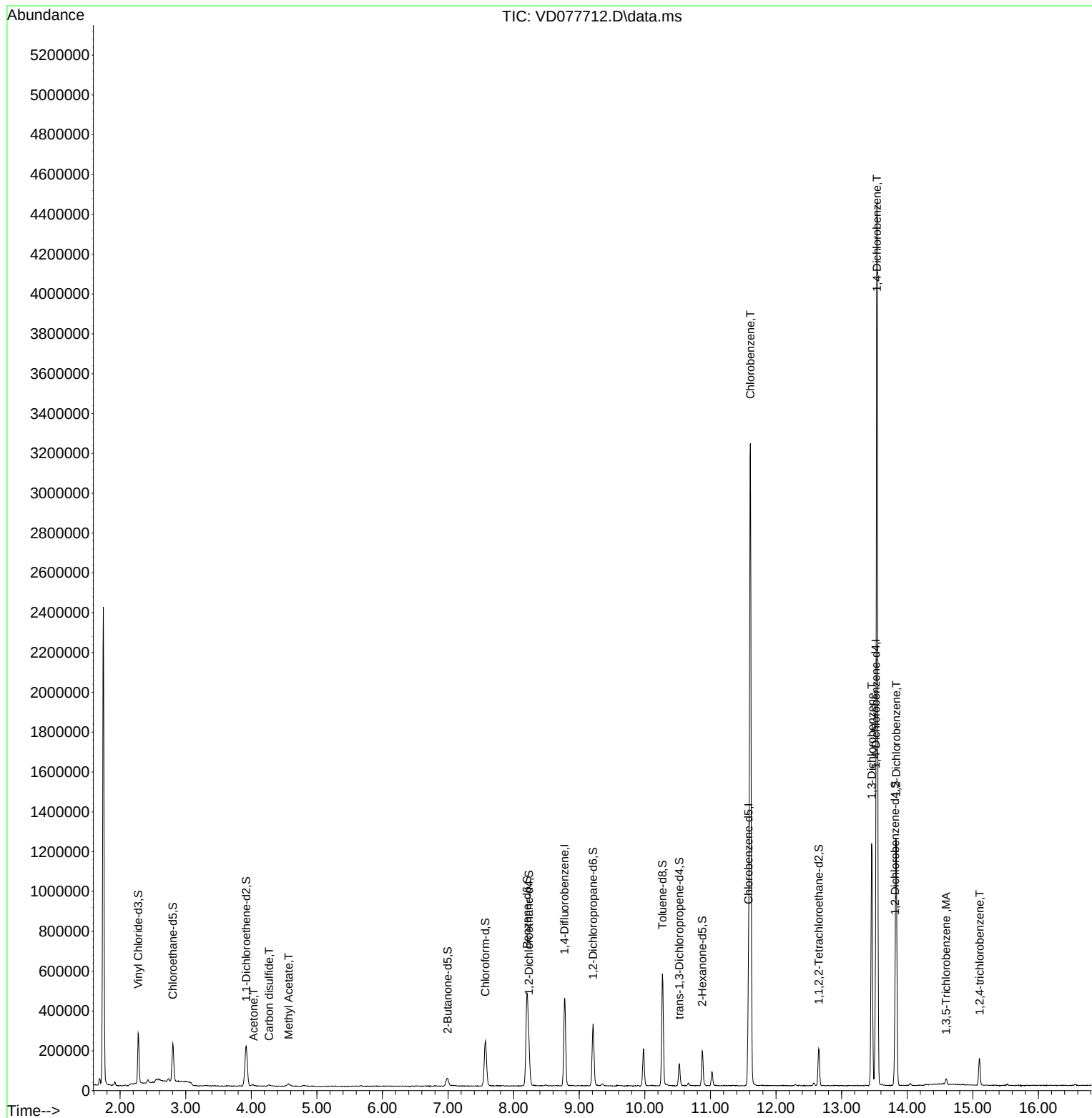
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
Data File : VD077712.D
Acq On : 30 Nov 2023 17:49
Operator : JC/SY
Sample : 04929-07
Misc : 3.60G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

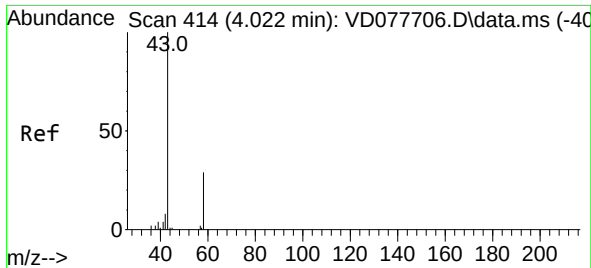
Instrument :
MSVOA_D
ClientSampleId :
C0AQ5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/01/2023
Supervised By :Semsettin Yesilyurt 12/01/2023

Quant Time: Nov 30 23:02:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 30 23:00:23 2023
Response via : Initial Calibration





#13

Acetone

Concen: 6.109 ug/L m

RT: 4.034 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD077712.D

Acq: 30 Nov 2023 17:49

Instrument :

MSVOA_D

ClientSampleId :

C0AQ5

Tgt Ion: 43 Resp: 1053

Ion Ratio Lower Upper

43 100

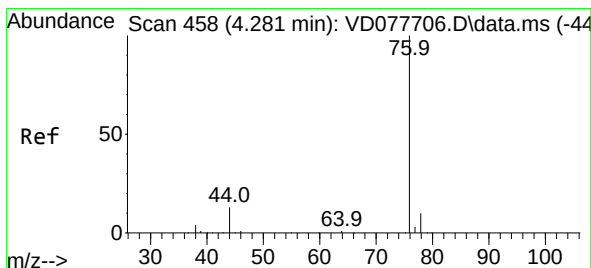
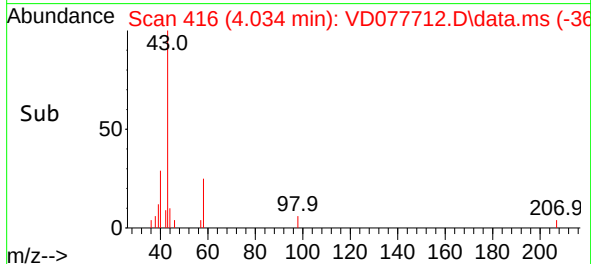
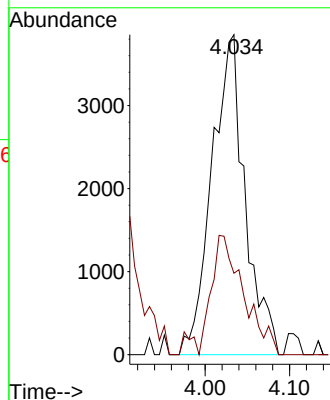
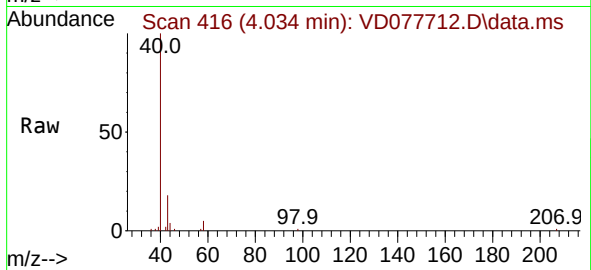
58 34.4 0.0 67.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/01/2023

Supervised By :Semsettin Yesilyurt 12/01/2023



#14

Carbon disulfide

Concen: 0.659 ug/L m

RT: 4.269 min Scan# 456

Delta R.T. -0.012 min

Lab File: VD077712.D

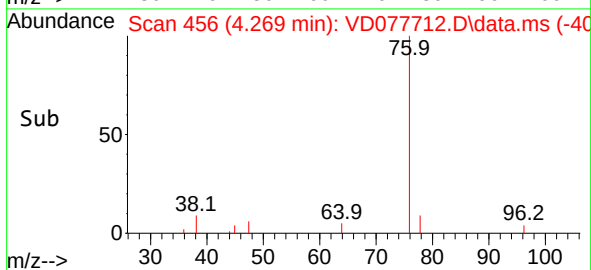
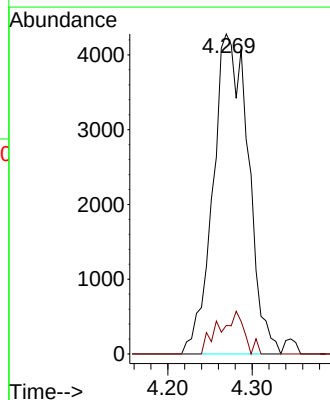
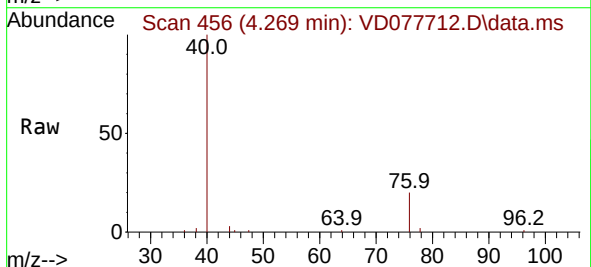
Acq: 30 Nov 2023 17:49

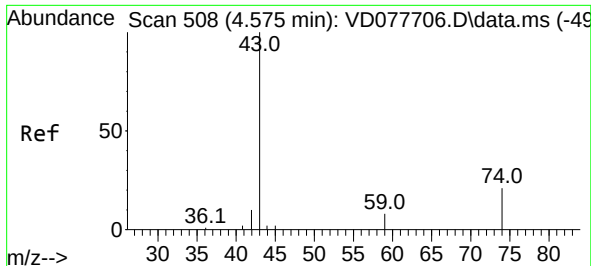
Tgt Ion: 76 Resp: 12401

Ion Ratio Lower Upper

76 100

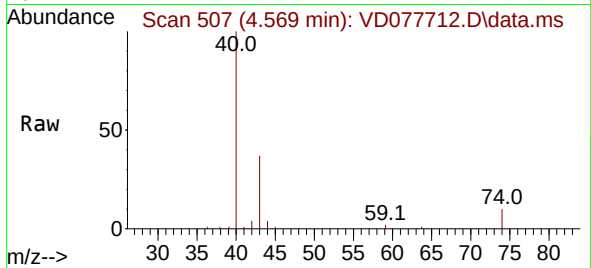
78 8.9 7.2 10.8





#15
Methyl Acetate
Concen: 8.898 ug/L
RT: 4.569 min Scan# 508
Delta R.T. -0.006 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

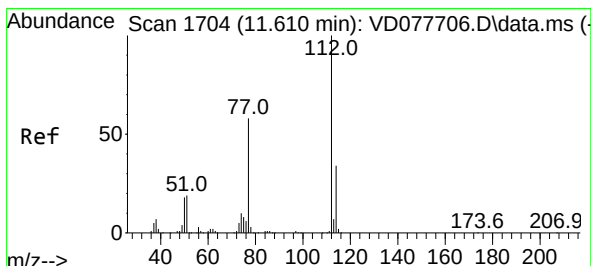
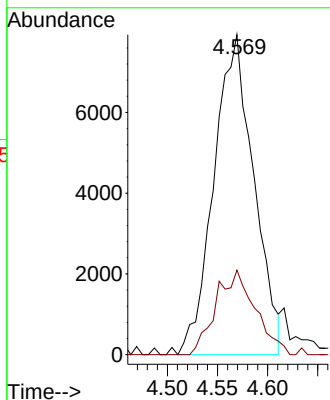
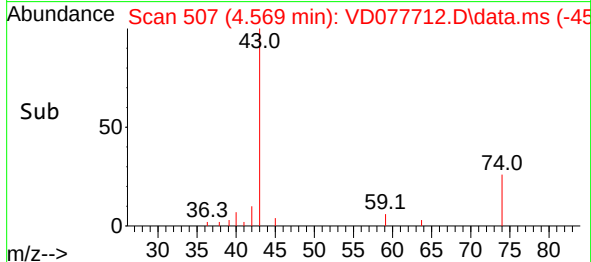
Instrument :
MSVOA_D
ClientSampleId :
C0AQ5



Tgt Ion: 43 Resp: 2195
Ion Ratio Lower Upper
43 100
74 16.9 18.6 27.8

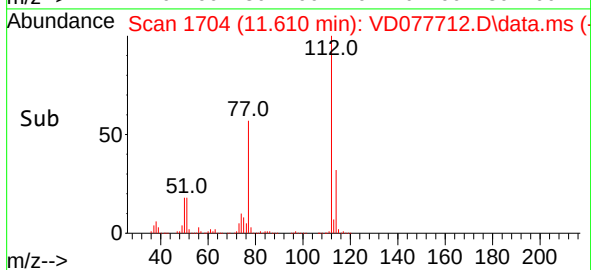
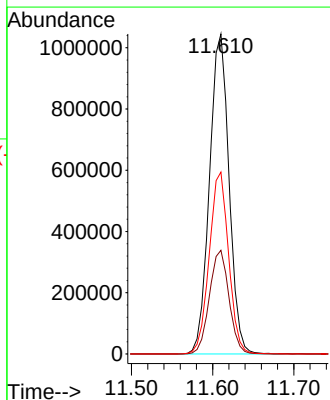
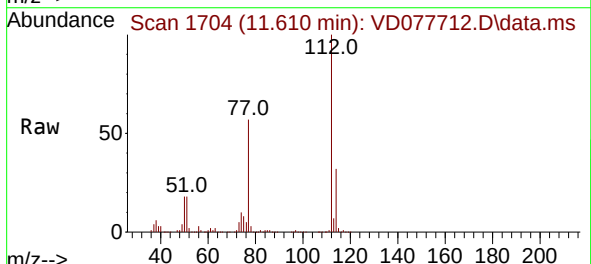
Manual Integrations
APPROVED

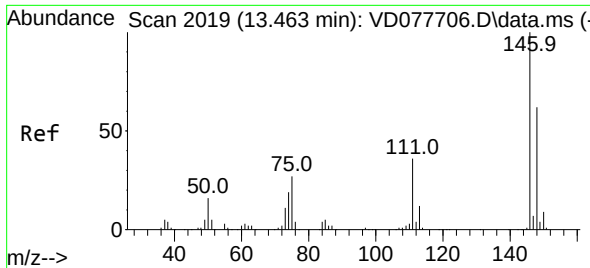
Reviewed By :Mahesh Dadoda 12/01/2023
Supervised By :Semsettin Yesilyurt 12/01/2023



#51
Chlorobenzene
Concen: 131.600 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

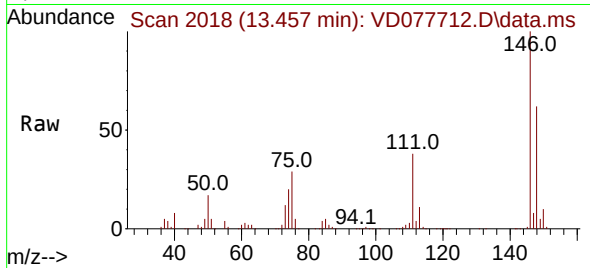
Tgt Ion:112 Resp: 1748539
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 56.8 46.4 69.6





#64
1,3-Dichlorobenzene
Concen: 77.532 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

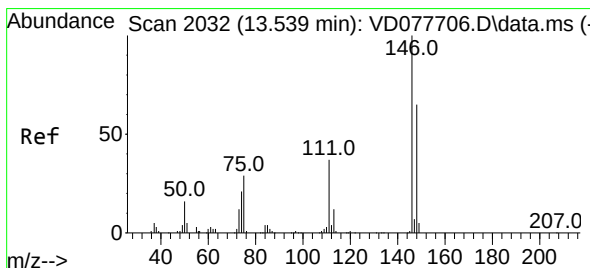
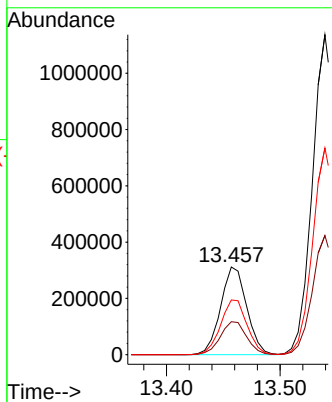
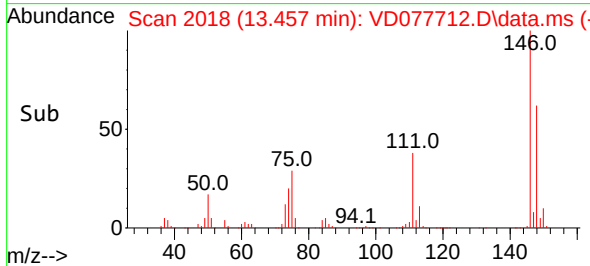
Instrument :
MSVOA_D
ClientSampleId :
C0AQ5



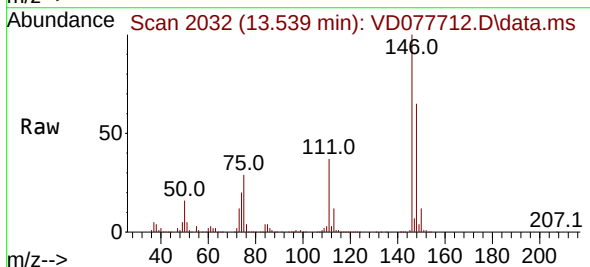
Tgt Ion:146 Resp: 497870
Ion Ratio Lower Upper
146 100
111 37.5 26.6 49.4
148 62.4 44.0 81.6

Manual Integrations
APPROVED

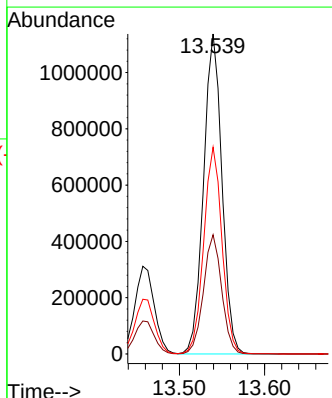
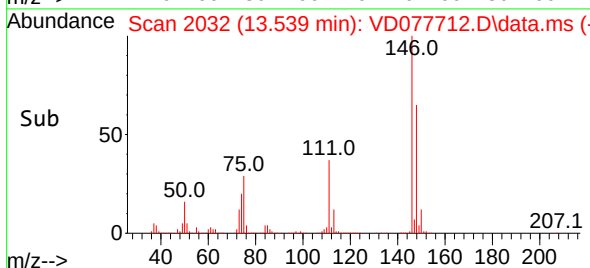
Reviewed By :Mahesh Dadoda 12/01/2023
Supervised By :Semsettin Yesilyurt 12/01/2023

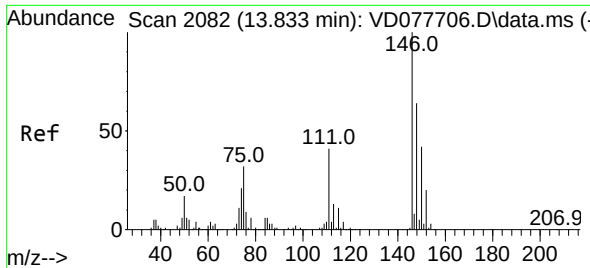


#65
1,4-Dichlorobenzene
Concen: 256.034 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49



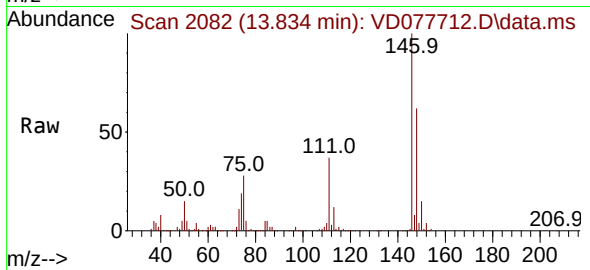
Tgt Ion:146 Resp: 1706067
Ion Ratio Lower Upper
146 100
111 37.3 26.4 49.0
148 64.6 44.0 81.8





#67
1,2-Dichlorobenzene
Concen: 82.709 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

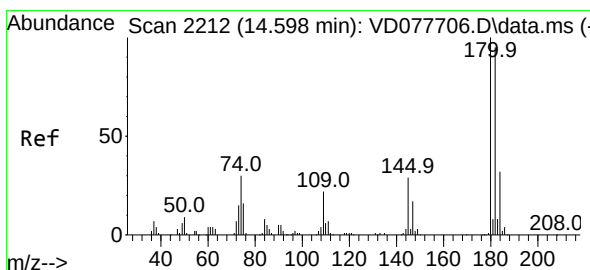
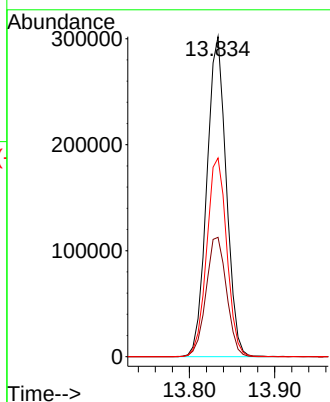
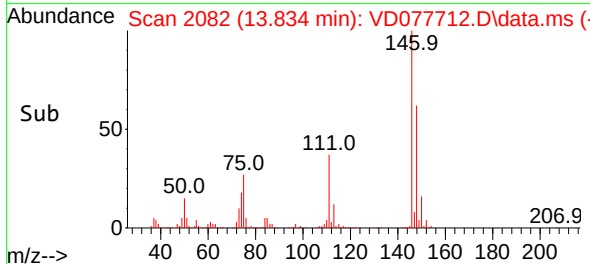
Instrument :
MSVOA_D
ClientSampleId :
C0AQ5



Tgt Ion:146 Resp: 477920
Ion Ratio Lower Upper
146 100
111 37.3 31.4 47.2
148 62.1 50.2 75.2

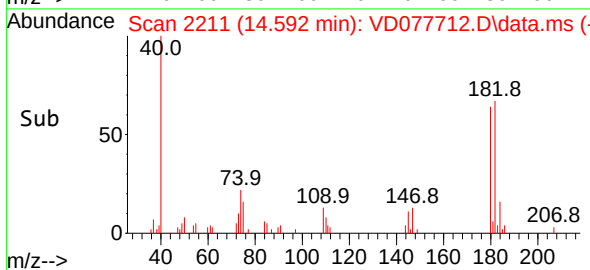
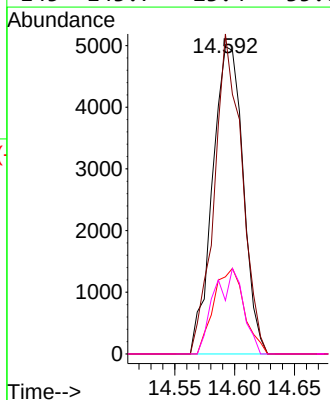
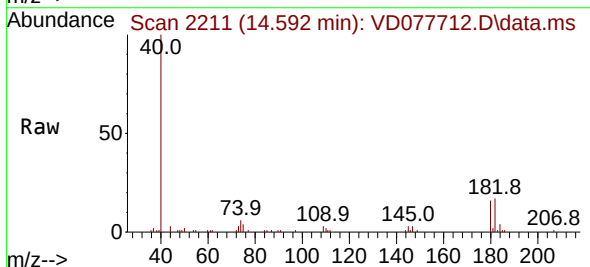
Manual Integrations
APPROVED

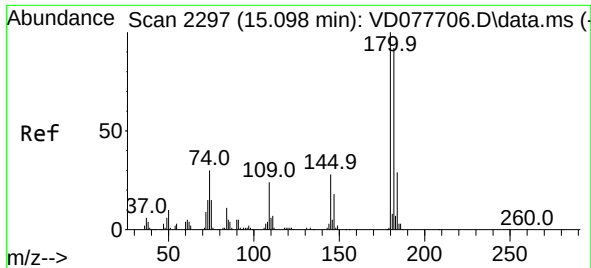
Reviewed By :Mahesh Dadoda 12/01/2023
Supervised By :Semsettin Yesilyurt 12/01/2023



#69
1,3,5-Trichlorobenzene
Concen: 2.025 ug/L m
RT: 14.592 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

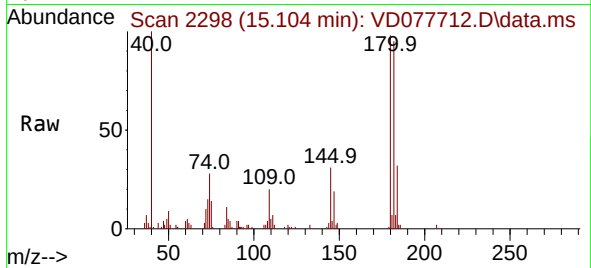
Tgt Ion:180 Resp: 8853
Ion Ratio Lower Upper
180 100
182 462.6 77.0 115.4#
184 144.8 24.3 36.5#
145 143.7 23.4 35.0#





#70
1,2,4-trichlorobenzene
Concen: 11.469 ug/L
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077712.D
Acq: 30 Nov 2023 17:49

Instrument :
MSVOA_D
ClientSampleId :
C0AQ5



Tgt Ion:180 Resp: 42574
Ion Ratio Lower Upper
180 100
182 96.2 77.0 115.6
145 29.9 23.9 35.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/01/2023
Supervised By :Semsettin Yesilyurt 12/01/2023

