

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035012.D
 Acq On : 05 Apr 2024 17:43
 Operator : SY/MD
 Sample : P2006-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0R52

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024

Quant Time: Apr 06 01:05:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 00:54:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	357908	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	374200	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	189252m	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	139657	40.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.800%		
7) Chloroethane-d5	1.529	69	139571	46.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.980%		
11) 1,1-Dichloroethene-d2	2.059	65	60207	39.736	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.480%		
21) 2-Butanone-d5	3.789	46	182706	89.126	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.130%		
24) Chloroform-d	4.246	84	270770	46.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.180%		
26) 1,2-Dichloroethane-d4	4.944	65	186350	50.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.020%		
32) Benzene-d6	4.963	84	556287	44.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.520%		
36) 1,2-Dichloropropane-d6	5.985	67	178585	44.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.480%		
41) Toluene-d8	7.243	98	467766	41.322	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.640%		
43) trans-1,3-Dichloroprop...	7.551	79	78277	40.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.680%		
47) 2-Hexanone-d5	8.024	63	115972	76.848	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.850%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	245701	44.701	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.400%		
66) 1,2-Dichlorobenzene-d4	11.561	152	199697	46.997	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.000%		
Target Compounds					Qvalue	
33) Benzene	4.998	78	29420734m	2411.114	ug/L	
51) Chlorobenzene	8.812	112	20163553m	2435.324	ug/L	
64) 1,3-Dichlorobenzene	11.117	146	119466	18.737	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	4542978	700.666	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	3508351	552.365	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	32667	7.739	ug/L	99

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

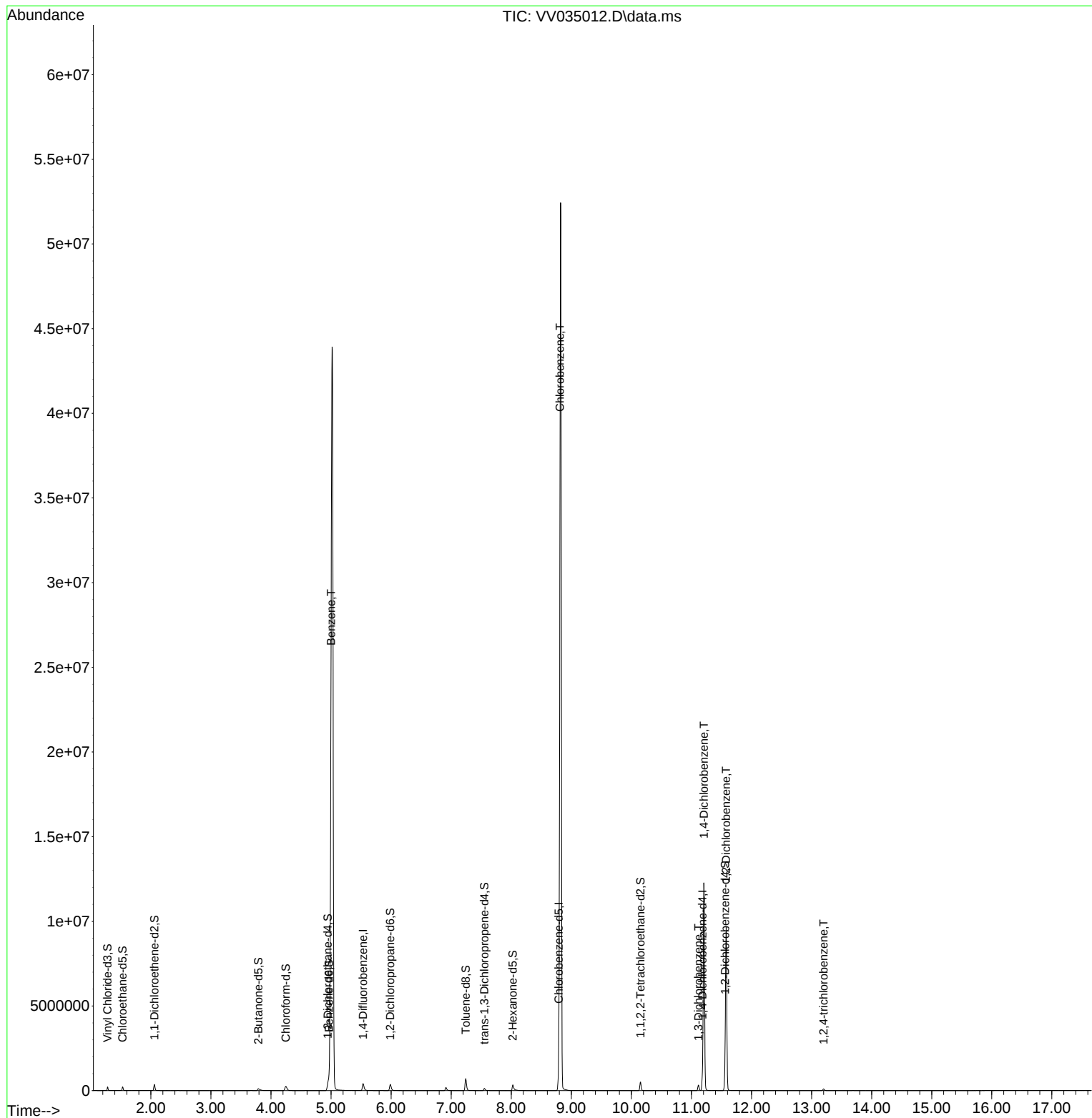
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
Data File : VV035012.D
Acq On : 05 Apr 2024 17:43
Operator : SY/MD
Sample : P2006-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

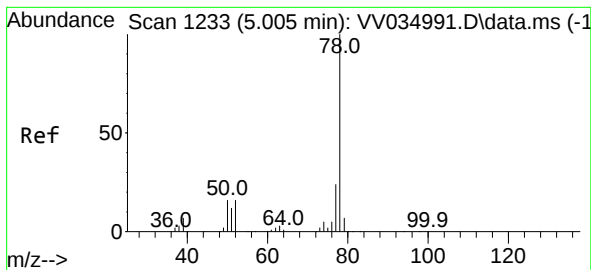
Instrument :
MSVOA_V
ClientSampleId :
MC0R52

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024

Quant Time: Apr 06 01:05:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 00:54:20 2024
Response via : Initial Calibration





#33

Benzene

Concen: 2411.114 ug/L m

RT: 4.998 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VV035012.D

Acq: 05 Apr 2024 17:43

Instrument :

MSVOA_V

ClientSampleId :

MC0R52

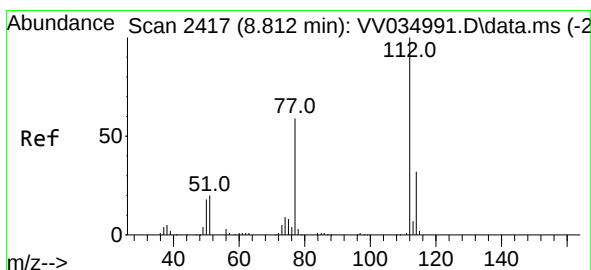
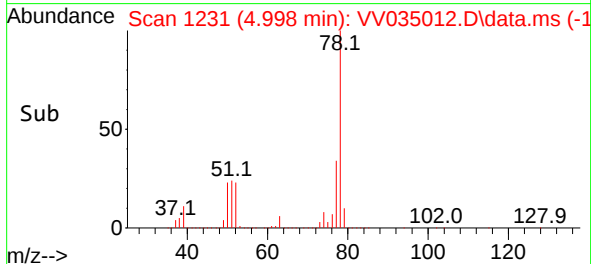
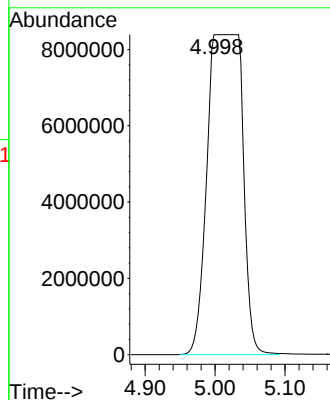
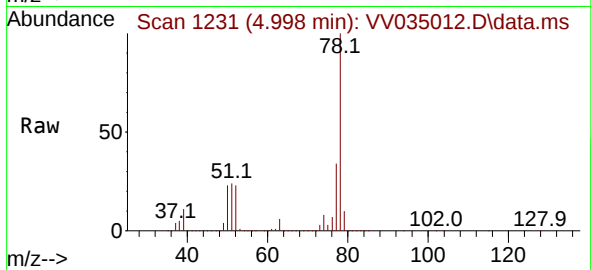
Tgt Ion: 78 Resp:29420734

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024

Supervised By :Semsettin Yesilyurt 04/08/2024



#51

Chlorobenzene

Concen: 2435.324 ug/L m

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV035012.D

Acq: 05 Apr 2024 17:43

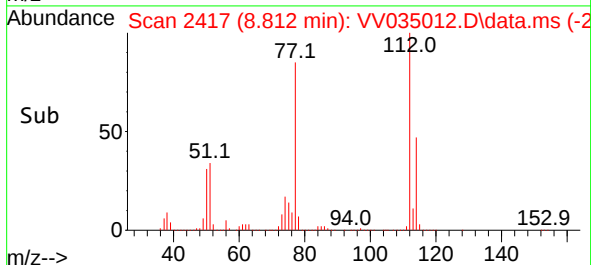
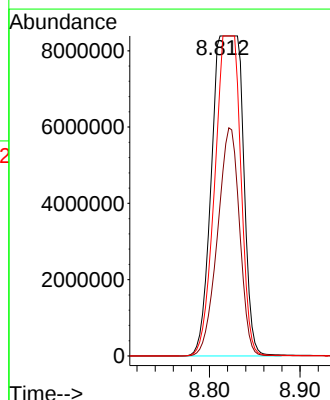
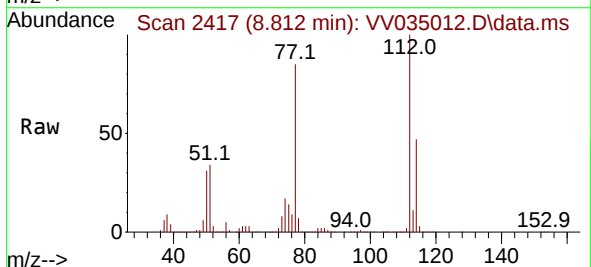
Tgt Ion:112 Resp:20163553

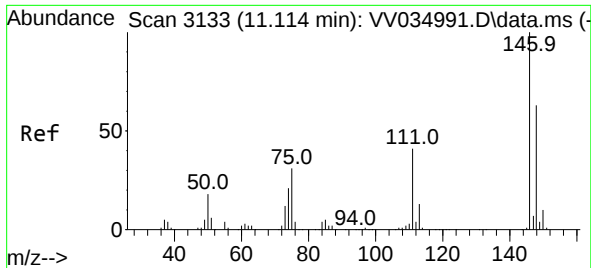
Ion Ratio Lower Upper

112 100

114 47.4 22.0 41.0#

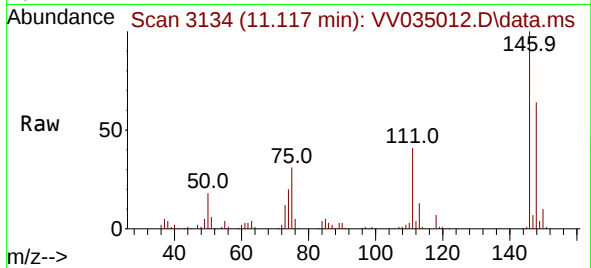
77 85.3 47.4 71.2#





#64
1,3-Dichlorobenzene
Concen: 18.737 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV035012.D
Acq: 05 Apr 2024 17:43

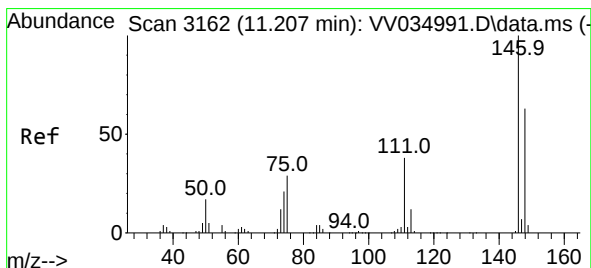
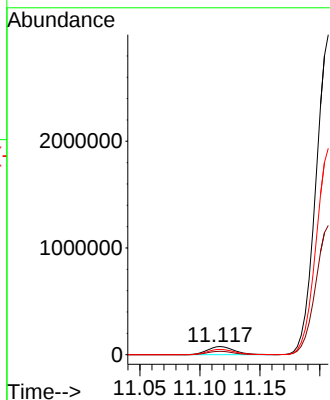
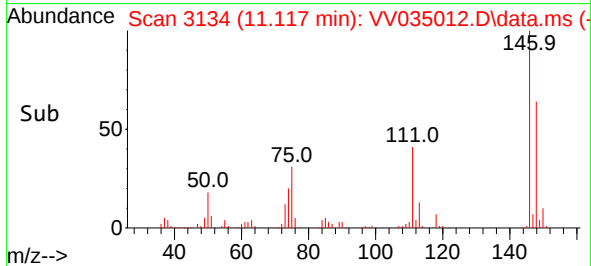
Instrument :
MSVOA_V
ClientSampleId :
MC0R52



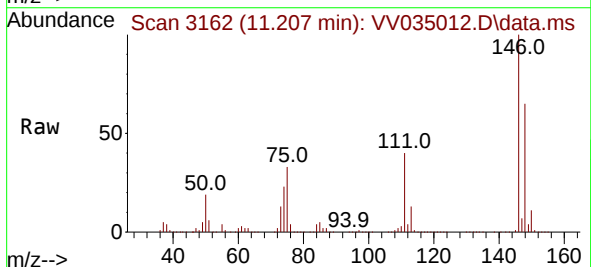
Tgt Ion:146 Resp: 119460
Ion Ratio Lower Upper
146 100
111 40.9 28.7 53.3
148 64.3 44.0 81.8

Manual Integrations
APPROVED

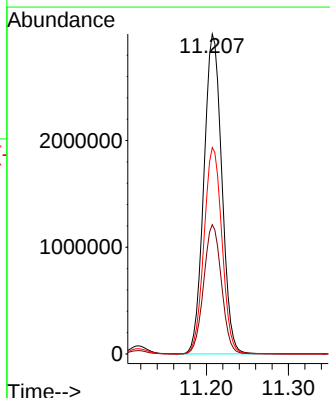
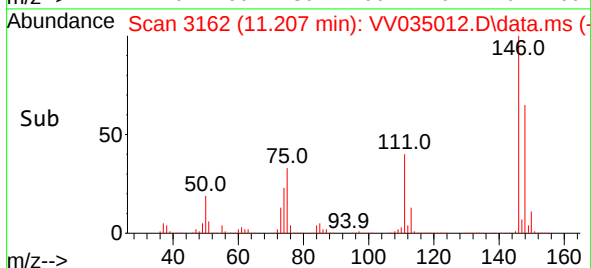
Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024

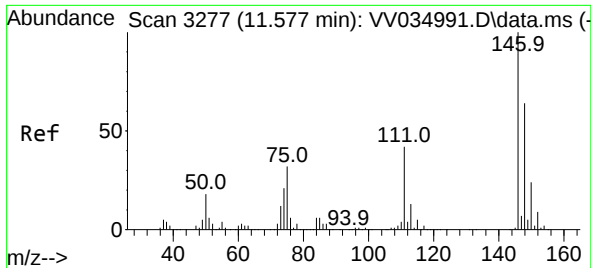


#65
1,4-Dichlorobenzene
Concen: 700.666 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035012.D
Acq: 05 Apr 2024 17:43



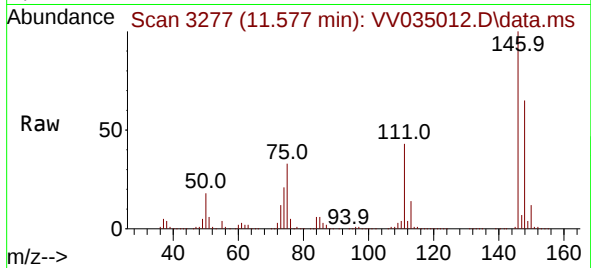
Tgt Ion:146 Resp: 4542978
Ion Ratio Lower Upper
146 100
111 40.4 27.4 50.8
148 64.5 44.2 82.2





#67
1,2-Dichlorobenzene
Concen: 552.365 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV035012.D
Acq: 05 Apr 2024 17:43

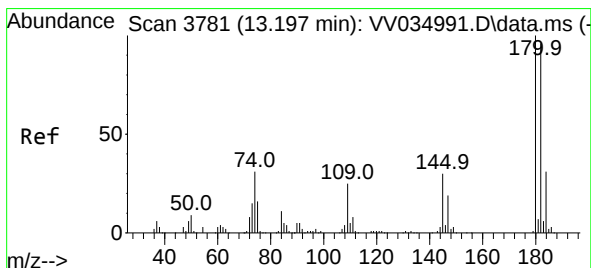
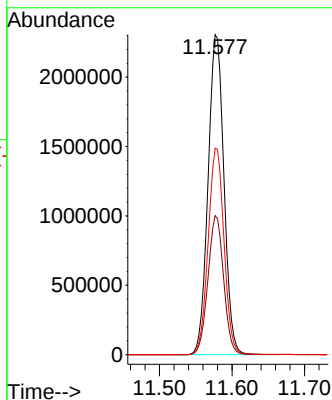
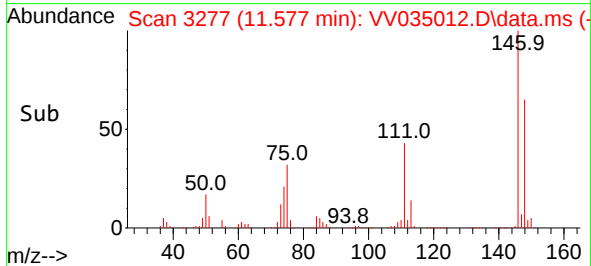
Instrument :
MSVOA_V
ClientSampleId :
MC0R52



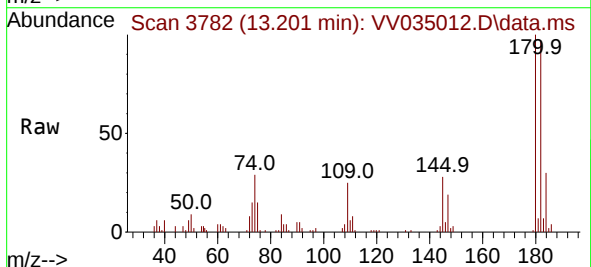
Tgt Ion:146 Resp: 350835
Ion Ratio Lower Upper
146 100
111 43.5 34.6 52.0
148 64.6 51.5 77.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024



#70
1,2,4-trichlorobenzene
Concen: 7.739 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV035012.D
Acq: 05 Apr 2024 17:43



Tgt Ion:180 Resp: 32667
Ion Ratio Lower Upper
180 100
182 94.2 75.6 113.4
145 28.4 24.1 36.1

