Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
Data File : VV035027.D
Acq On : 06 Apr 2024 00:39
Operator : SY/MD
Sample : P2006-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0RH3

Quant Time: Apr 06 03:19:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	417119	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.821	117	410420	50.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.214	152	238676	50.000	ug/L	# 0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	176641	43.850	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.700%			
7) Chloroethane-d5	1.532	69	162507	46.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.900%			
11) 1,1-Dichloroethene-d2	2.060	65	78659	44.545	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.100%			
21) 2-Butanone-d5	3.793	46	206078	86.257	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.260%			
24) Chloroform-d	4.246	84	318395	47.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.020%			
26) 1,2-Dichloroethane-d4	4.947	65	198995	46.277	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.560%			
32) Benzene-d6	4.966	84	636589	46.176	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.360%			
36) 1,2-Dichloropropane-d6	5.989	67	197928	45.212	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.420%			
41) Toluene-d8	7.243	98	561261	45.206	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.420%			
43) trans-1,3-Dichloroprop...	7.551	79	89422	42.017	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.040%			
47) 2-Hexanone-d5	8.034	63	143012	86.403	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.400%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	293635	48.707	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.420%			
66) 1,2-Dichlorobenzene-d4	11.590	152	222136	41.453	ug/L	0.03
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.900%			
Target Compounds						Qvalue
13) Acetone	2.124	43	37825	17.245	ug/L	99
25) Chloroform	4.272	83	468452	76.340	ug/L	97
29) Cyclohexane	4.584	56	36345	7.070	ug/L	100
31) Carbon tetrachloride	4.735	117	379886	83.778	ug/L	100
33) Benzene	4.995	78	33822419m	2527.227	ug/L	
35) Methylcyclohexane	6.050	83	15319	2.808	ug/L #	72
38) Bromodichloromethane	6.442	83	5086	1.066	ug/L	93
42) Toluene	7.326	91	22172	1.582	ug/L	100
46) Tetrachloroethene	7.912	164	4690	1.859	ug/L	83
51) Chlorobenzene	8.809	112	50326667m	5541.956	ug/L	
64) 1,3-Dichlorobenzene	11.130	146	16739174	2081.741	ug/L	90
65) 1,4-Dichlorobenzene	11.210	146	37068243m	4533.192	ug/L	
67) 1,2-Dichlorobenzene	11.583	146	37425940m	4672.269	ug/L	
69) 1,3,5-Trichlorobenzene	12.587	180	32974	5.690	ug/L	96
70) 1,2,4-trichlorobenzene	13.207	180	20193109m	3793.373	ug/L	
72) 1,2,3-Trichlorobenzene	13.686	180	7339124	1398.662	ug/L	99

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

Instrument :
MSVOA_V
ClientSampleId :
MC0RH3

Manual Integrations
APPROVED

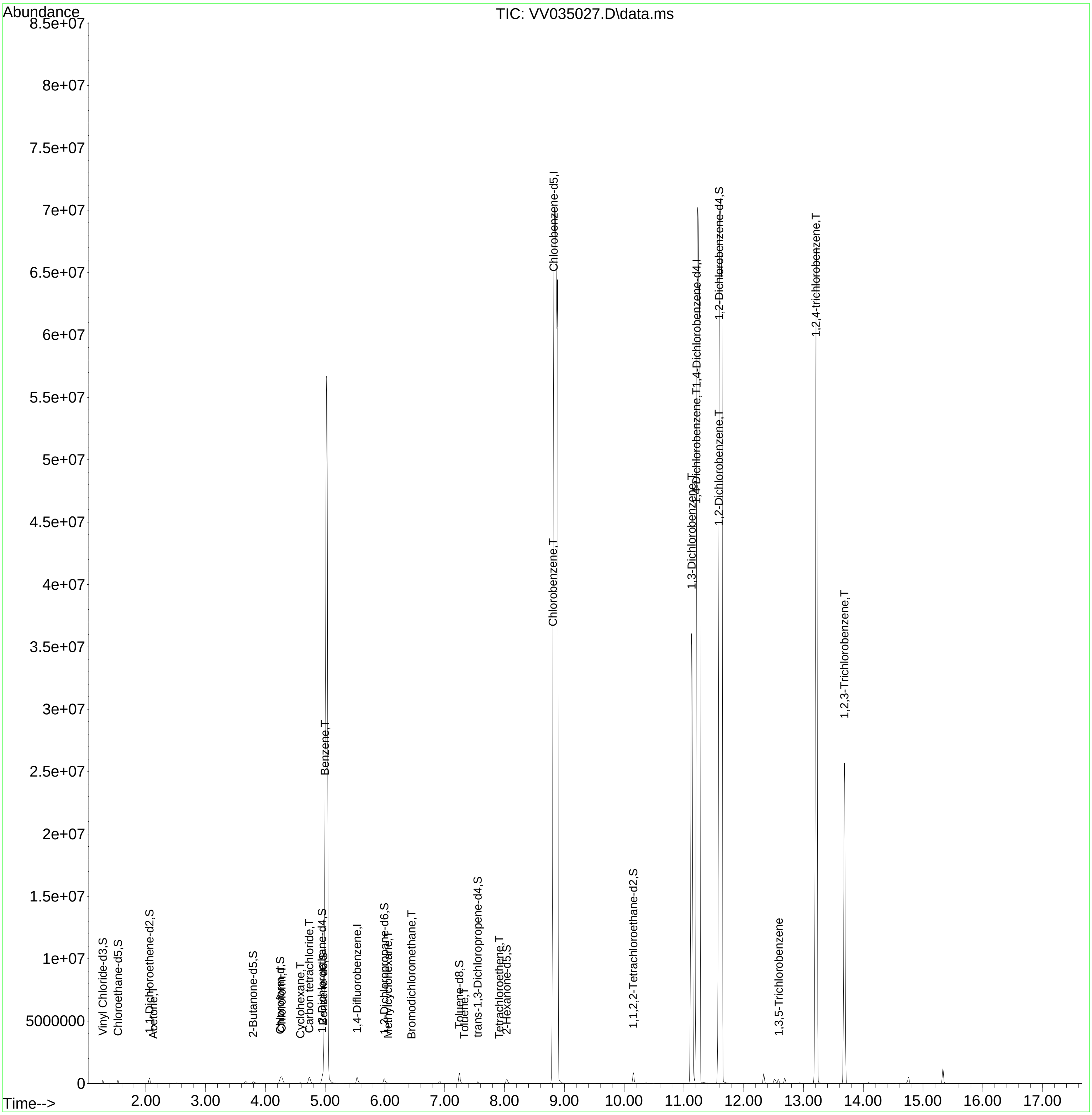
Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024

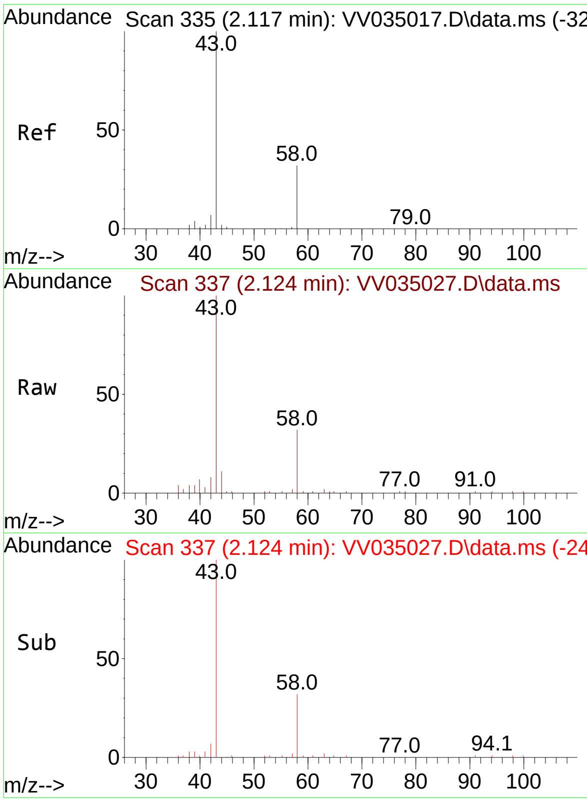
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
Data File : VV035027.D
Acq On : 06 Apr 2024 00:39
Operator : SY/MD
Sample : P2006-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Apr 06 03:19:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MC0RH3

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





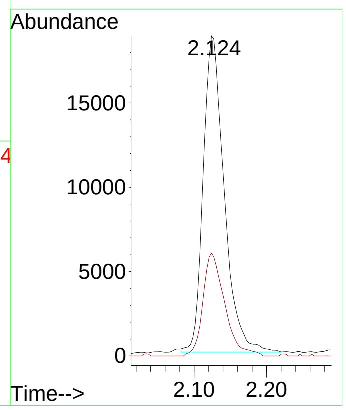
#13
Acetone
Concen: 17.245 ug/L
RT: 2.124 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

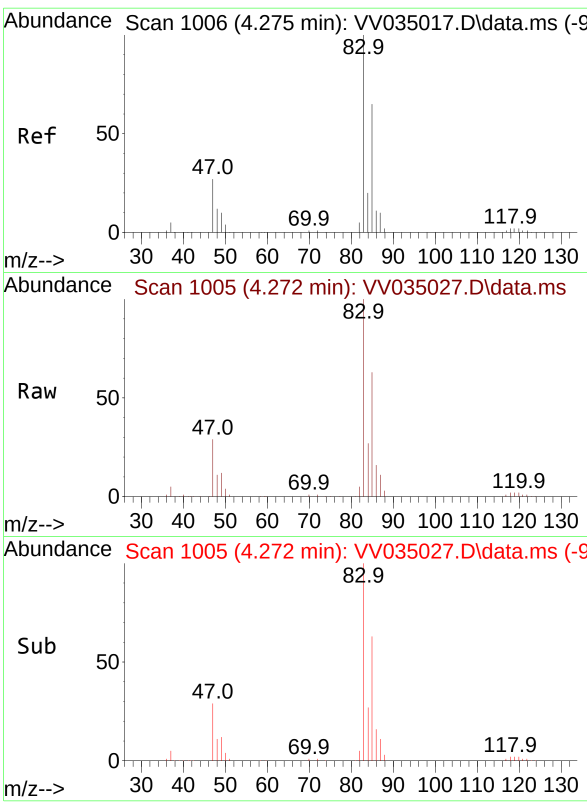
Instrument :
MSVOA_V
ClientSampleId :
MC0RH3

Tgt Ion: 43 Resp: 3782

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	66.0

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

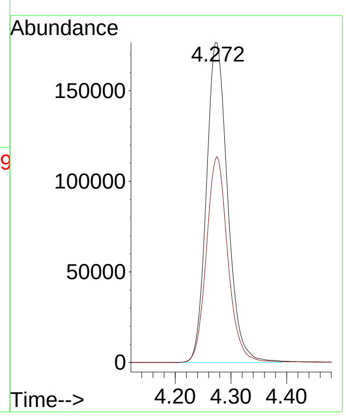


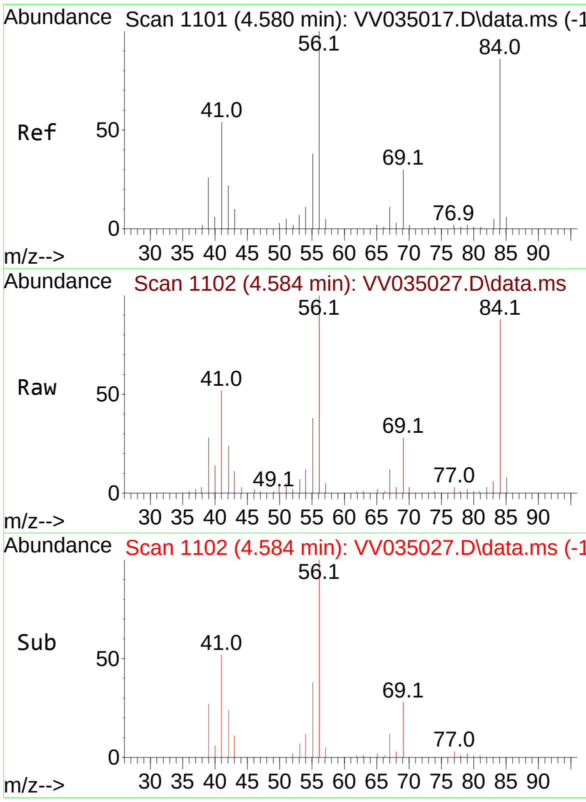


#25
Chloroform
Concen: 76.340 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.003 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

Tgt Ion: 83 Resp: 468452

Ion	Ratio	Lower	Upper
83	100		
85	63.5	46.0	85.4





#29
Cyclohexane
Concen: 7.070 ug/L
RT: 4.584 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

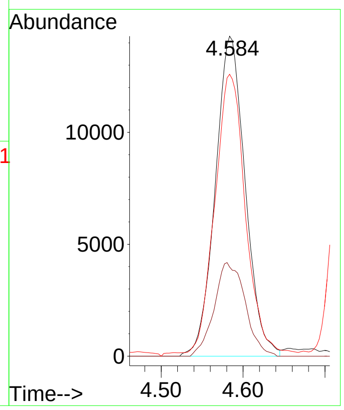
Tgt Ion: 56 Resp: 3634

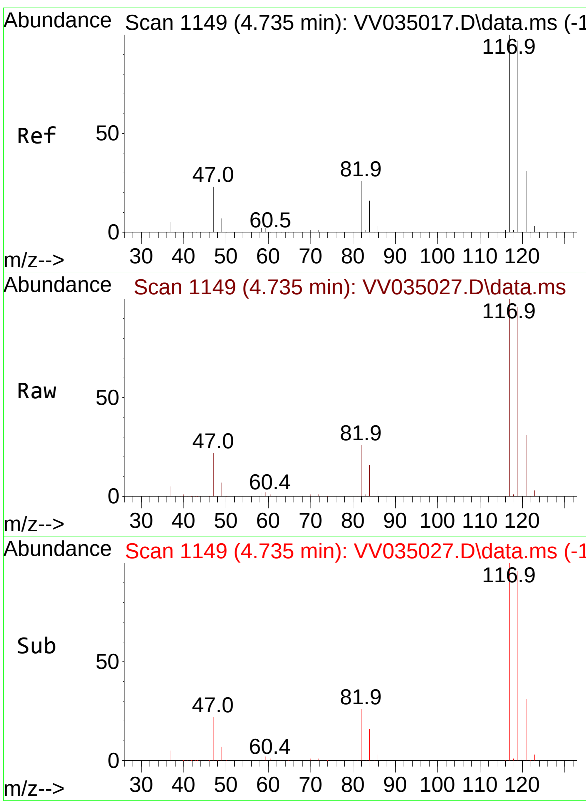
Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.2	36.2
84	87.5	69.8	104.8

Instrument :
MSVOA_V
ClientSampleId :
MC0RH3

Manual Integrations APPROVED

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

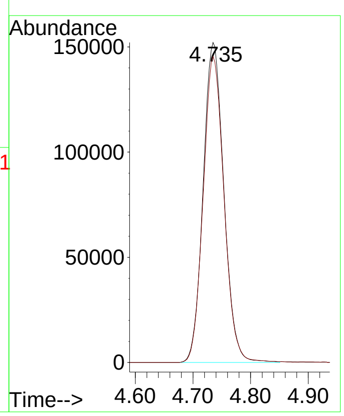


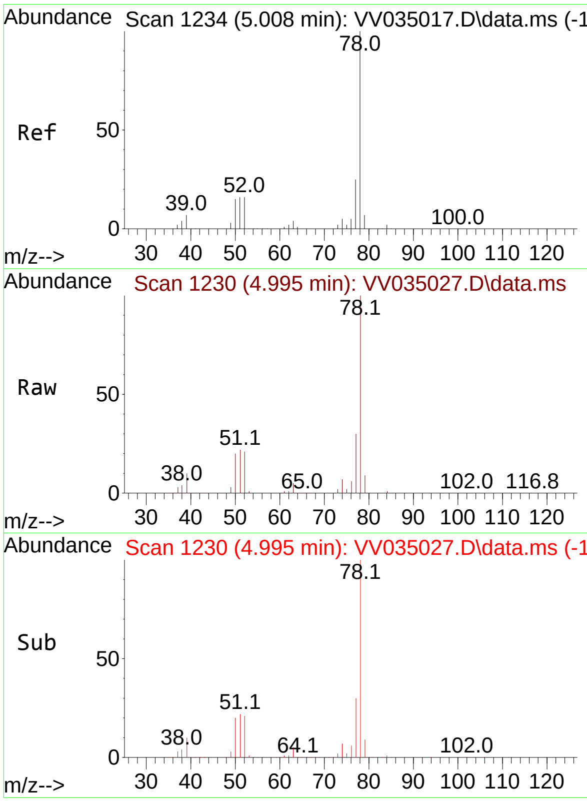


#31
Carbon tetrachloride
Concen: 83.778 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

Tgt Ion:117 Resp: 379886

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.1	115.7



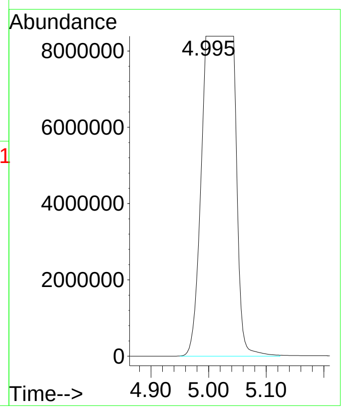


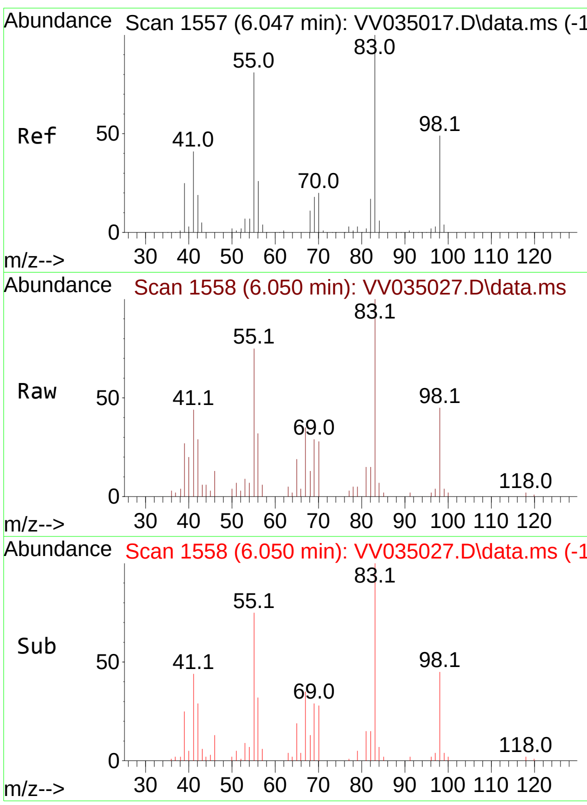
#33
Benzene
Concen: 2527.227 ug/L m
RT: 4.995 min Scan# 1
Delta R.T. -0.013 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

Tgt Ion: 78 Resp:3382241

Instrument :
MSVOA_V
ClientSampleId :
MC0RH3

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

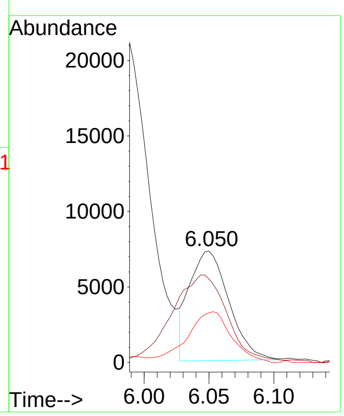


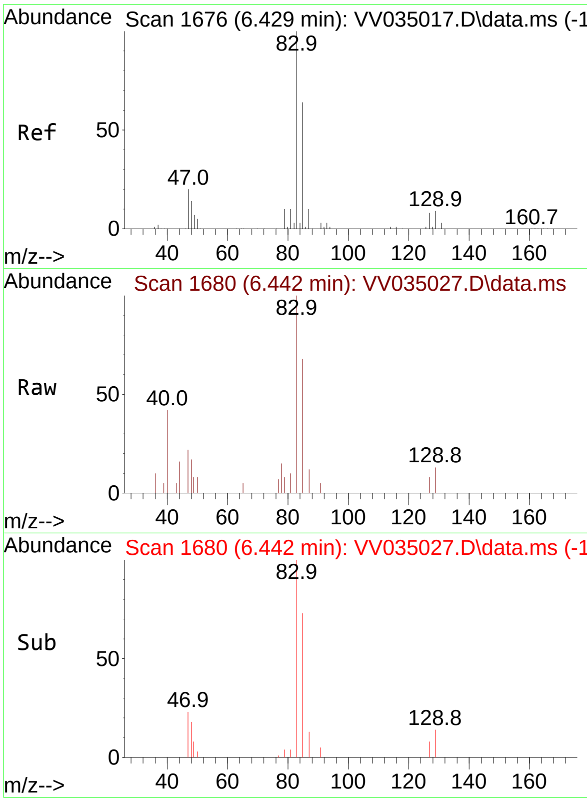


#35
Methylcyclohexane
Concen: 2.808 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

Tgt Ion: 83 Resp: 15319

Ion	Ratio	Lower	Upper
83	100		
55	109.3	60.0	90.0#
98	52.0	37.6	56.4

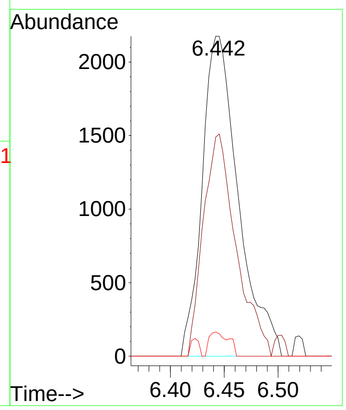




#38
Bromodichloromethane
Concen: 1.066 ug/L
RT: 6.442 min Scan# 1(
Delta R.T. 0.013 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

Tgt Ion: 83 Resp: 508(

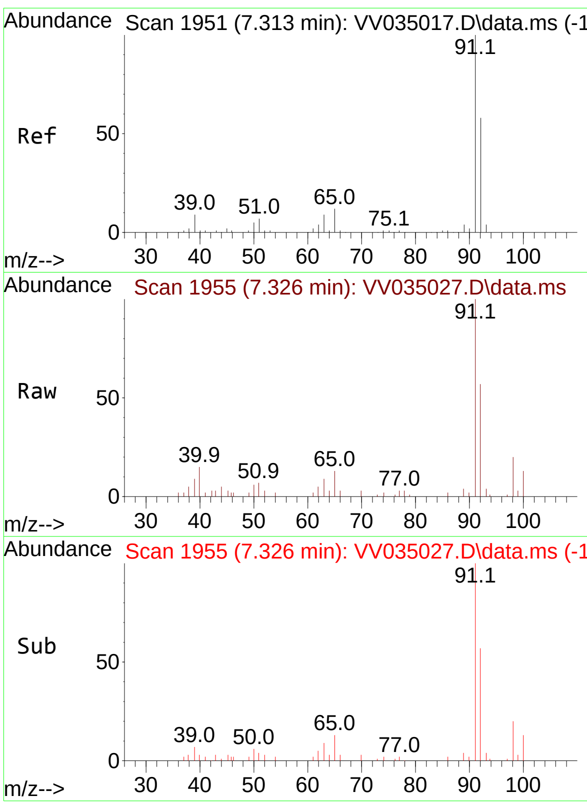
Ion	Ratio	Lower	Upper
83	100		
85	68.5	43.7	81.1
127	7.6	6.4	9.6



Instrument :
MSVOA_V
ClientSampleId :
MC0RH3

Manual Integrations APPROVED

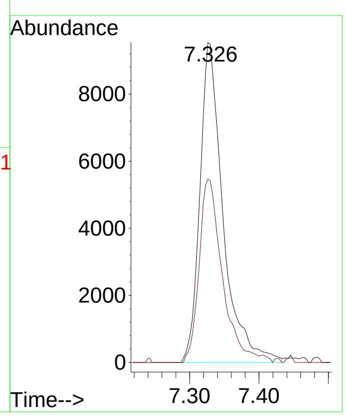
Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024

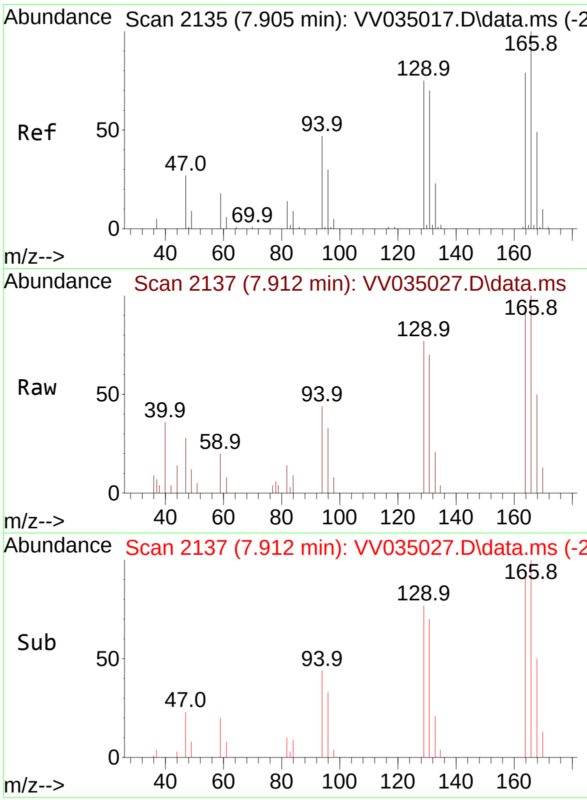


#42
Toluene
Concen: 1.582 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.013 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

Tgt Ion: 91 Resp: 22172

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.3	74.8





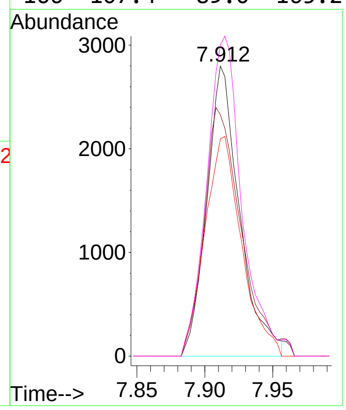
#46
Tetrachloroethene
Concen: 1.859 ug/L
RT: 7.912 min   Scan# 2
Delta R.T.   0.006 min
Lab File: VV035027.D
Acq: 06 Apr 2024   00:39

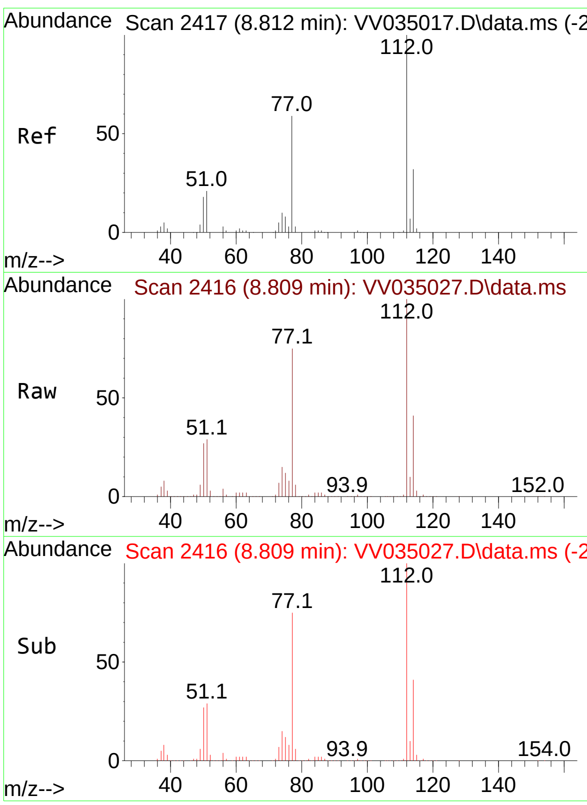
Instrument :
MSVOA_V
ClientSampleId :
MC0RH3

Tgt Ion:164 Resp: 469

Ion	Ratio	Lower	Upper
164	100		
129	83.2	68.6	127.4
131	75.0	65.7	122.1
166	107.4	89.0	165.2

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

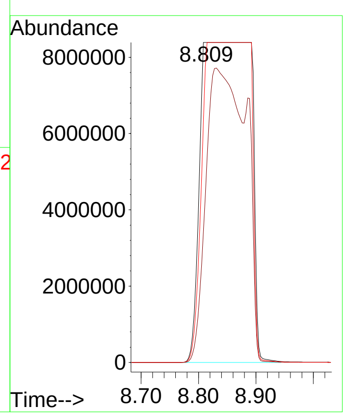


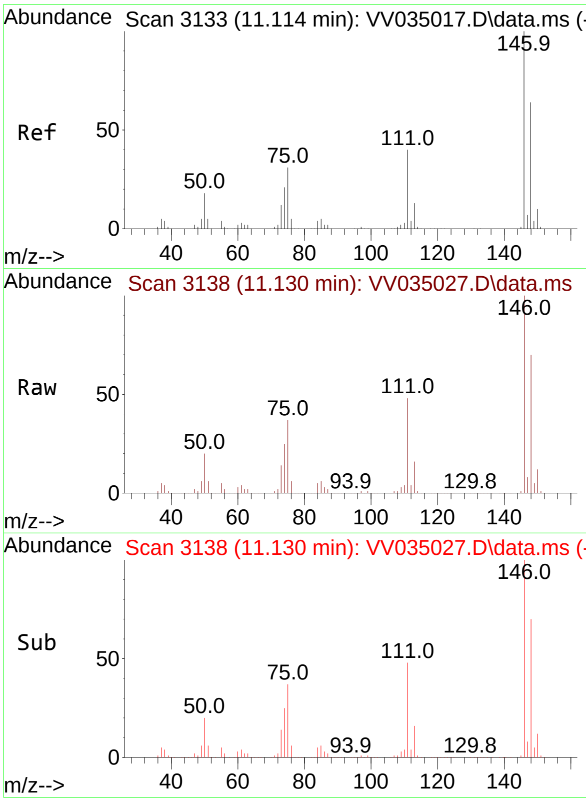


#51
Chlorobenzene
Concen: 5541.956 ug/L m
RT: 8.809 min   Scan# 2416
Delta R.T.   -0.003 min
Lab File: VV035027.D
Acq: 06 Apr 2024   00:39

Tgt Ion:112 Resp:50326667

Ion	Ratio	Lower	Upper
112	100		
114	40.9	22.0	41.0
77	75.2	47.4	71.2#





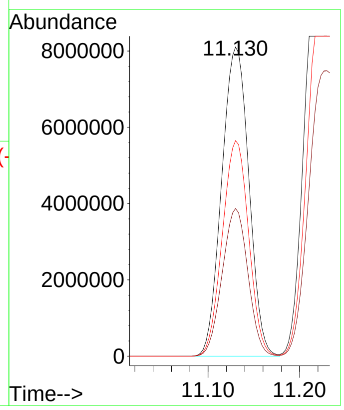
#64
1,3-Dichlorobenzene
Concen: 2081.741 ug/L
RT: 11.130 min Scan# 3
Delta R.T. 0.016 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

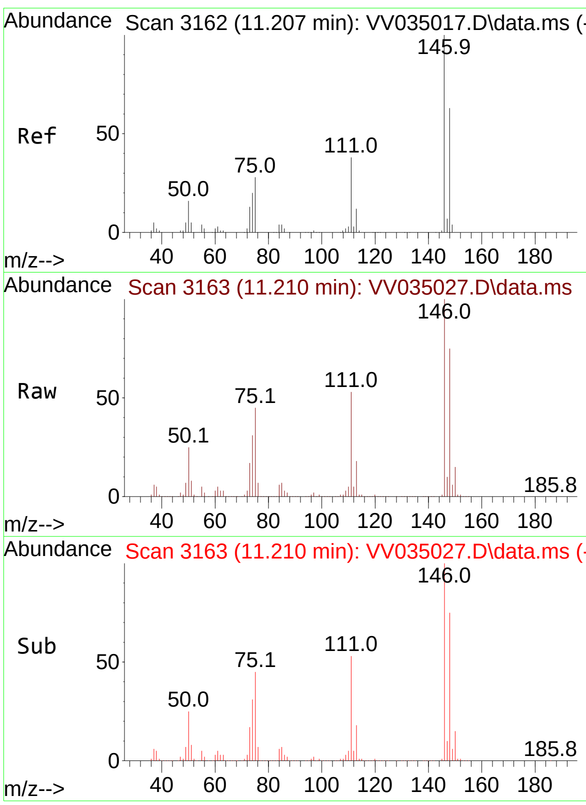
Tgt Ion:146 Resp:1673917

Ion	Ratio	Lower	Upper
146	100		
111	47.8	28.7	53.3
148	69.7	44.0	81.8

Instrument :
MSVOA_V
ClientSampleId :
MC0RH3

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

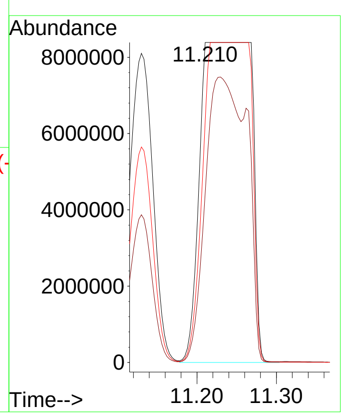


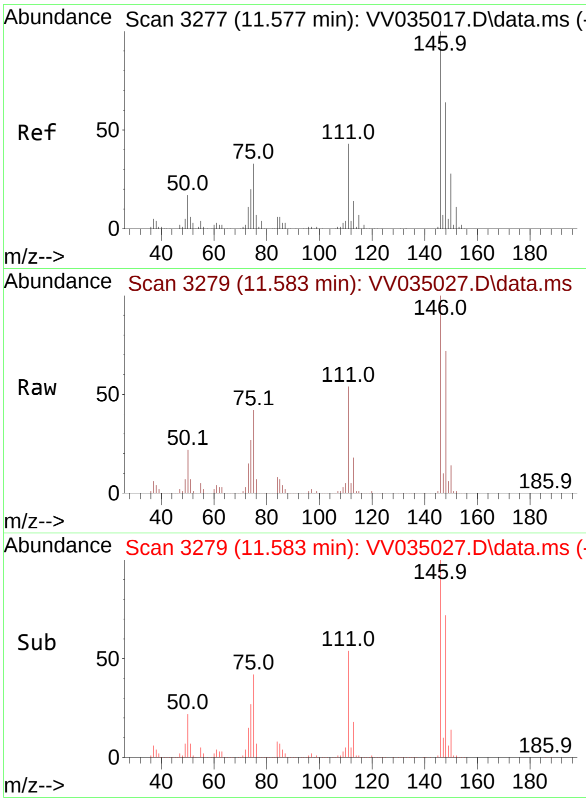


#65
1,4-Dichlorobenzene
Concen: 4533.192 ug/L m
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

Tgt Ion:146 Resp:37068243

Ion	Ratio	Lower	Upper
146	100		
111	52.9	27.4	50.8#
148	75.3	44.2	82.2





#67
1,2-Dichlorobenzene
Concen: 4672.269 ug/L m
RT: 11.583 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

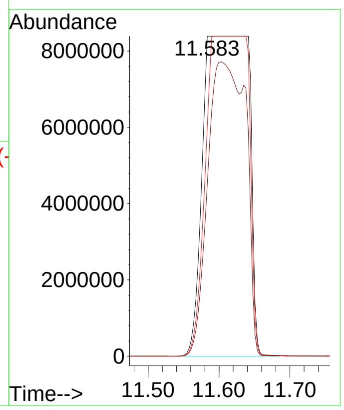
Instrument :
MSVOA_V
ClientSampleId :
MC0RH3

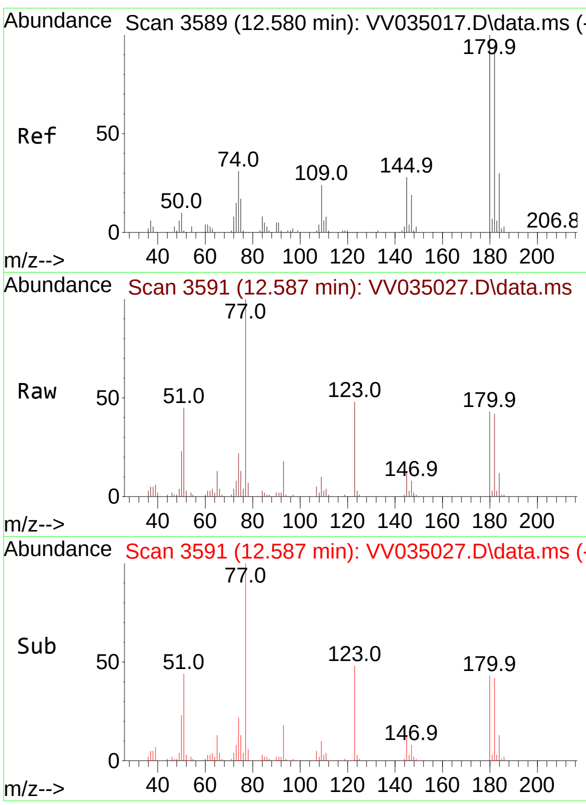
Tgt Ion:146 Resp:37425940

Ion	Ratio	Lower	Upper
146	100		
111	53.7	34.6	52.0#
148	71.6	51.5	77.3

Manual Integrations APPROVED

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

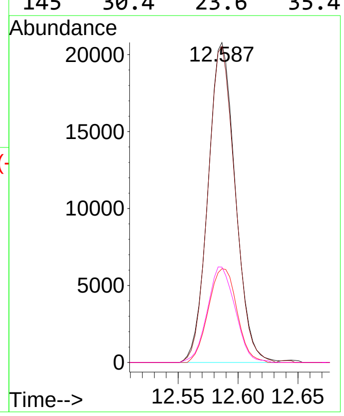


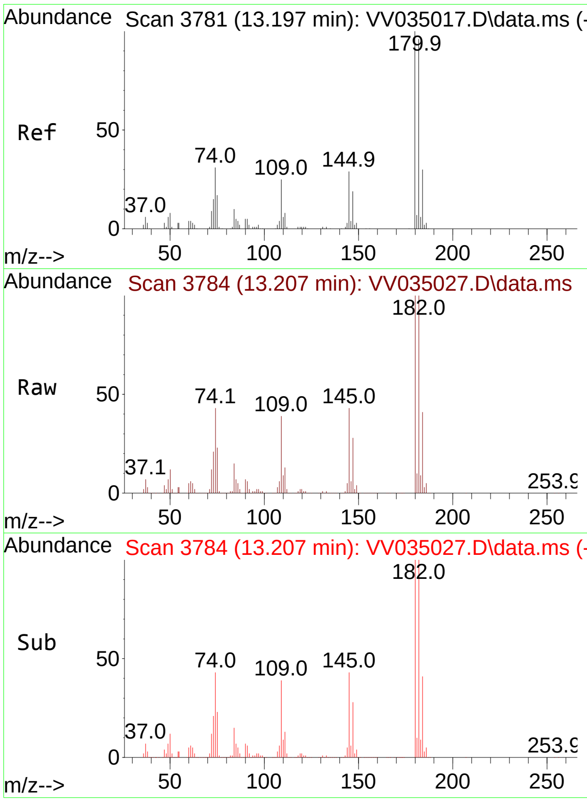


#69
1,3,5-Trichlorobenzene
Concen: 5.690 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.006 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

Tgt Ion:180 Resp: 32974

Ion	Ratio	Lower	Upper
180	100		
182	98.1	74.7	112.1
184	30.6	24.0	36.0
145	30.4	23.6	35.4





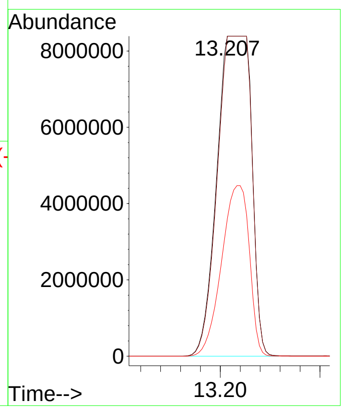
#70
1,2,4-trichlorobenzene
Concen: 3793.373 ug/L m
RT: 13.207 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

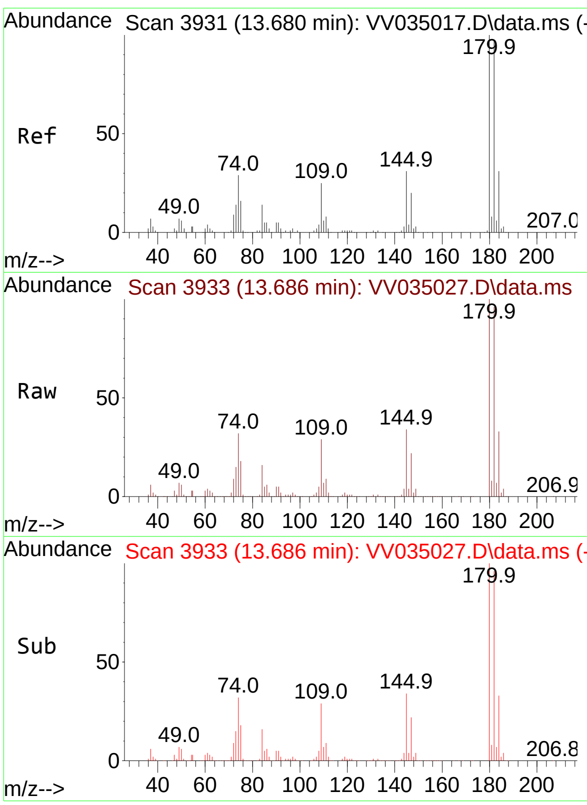
Tgt Ion:180 Resp:2019310

Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.6	113.4#
145	42.9	24.1	36.1#

Instrument :
MSVOA_V
ClientSampleId :
MC0RH3

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





#72
1,2,3-Trichlorobenzene
Concen: 1398.662 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.006 min
Lab File: VV035027.D
Acq: 06 Apr 2024 00:39

Tgt Ion:180 Resp: 7339124

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.2
145	33.1	25.8	38.6