Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
Data File : VU051475.D
Acq On : 20 Oct 2022 16:29
Operator : JC/MD
Sample : N5180-05 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0KX4

Quant Time: Oct 20 22:27:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 20 21:53:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	504429	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	500098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	222589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	173703	43.398	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.800%			
7) Chloroethane-d5	1.900	69	153122	46.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.880%			
11) 1,1-Dichloroethene-d2	2.562	63	223295	32.773	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.540%			
21) 2-Butanone-d5	4.617	46	260404	92.294	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.290%			
24) Chloroform-d	5.060	84	325173	44.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.460%			
26) 1,2-Dichloroethane-d4	5.697	65	211457	46.266	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.540%			
32) Benzene-d6	5.723	84	665832	49.165	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.320%			
36) 1,2-Dichloropropane-d6	6.687	67	218896	49.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.440%			
41) Toluene-d8	7.896	98	565362	45.799	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.600%			
43) trans-1,3-Dichloroprop...	8.176	79	87050	45.968	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.940%			
47) 2-Hexanone-d5	8.629	63	173053	88.592	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.590%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	339704	43.969	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.940%			
66) 1,2-Dichlorobenzene-d4	12.192	152	223077	53.536	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.080%			
Target Compounds						Qvalue
33) Benzene	5.771	78	486502	29.758	ug/L	100
51) Chlorobenzene	9.443	112	2754647	250.734	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	100134	14.034	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	869372	118.477	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	1211613	163.013	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	102339	27.771	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	23691	5.989	ug/L	99

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

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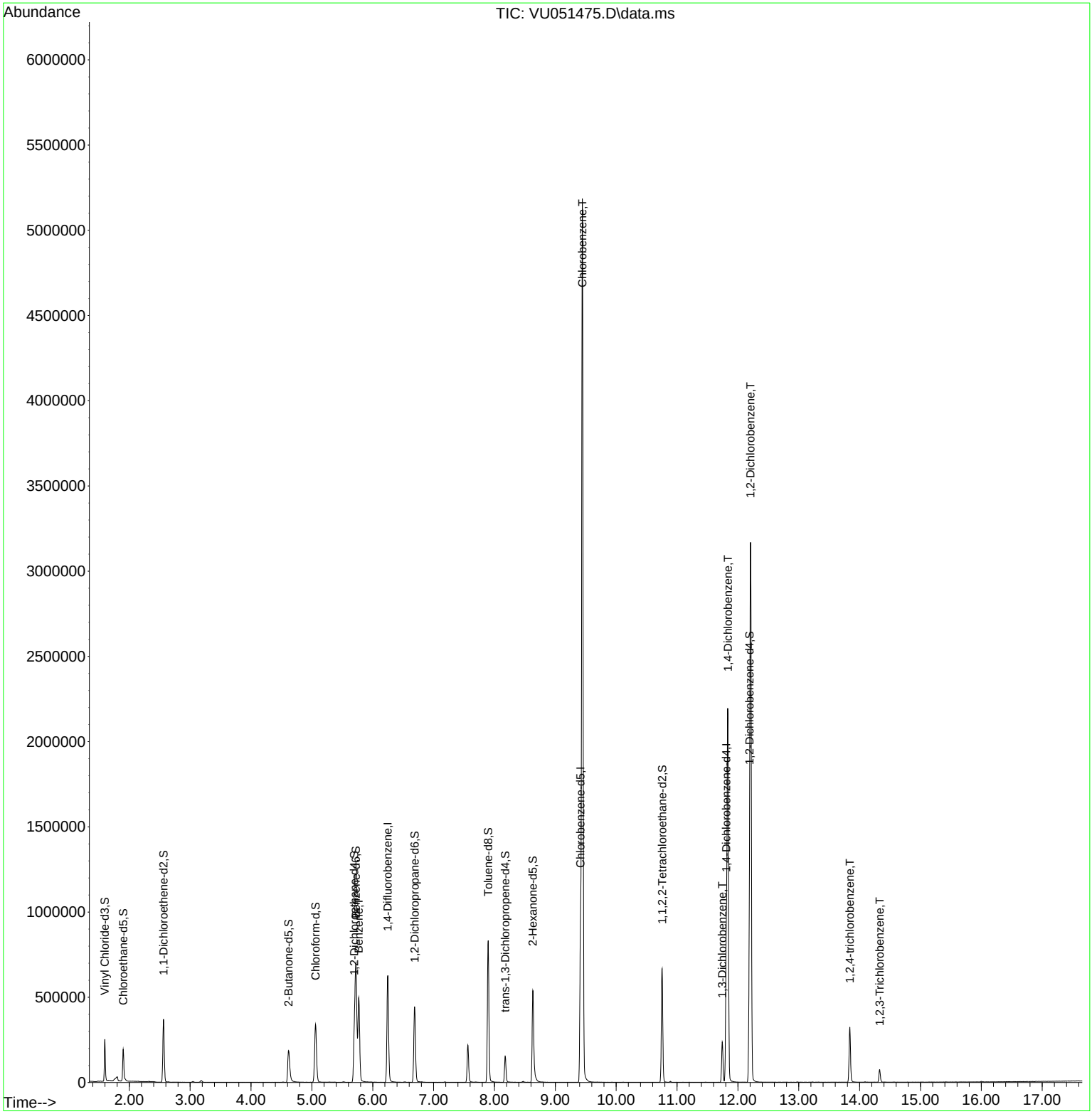
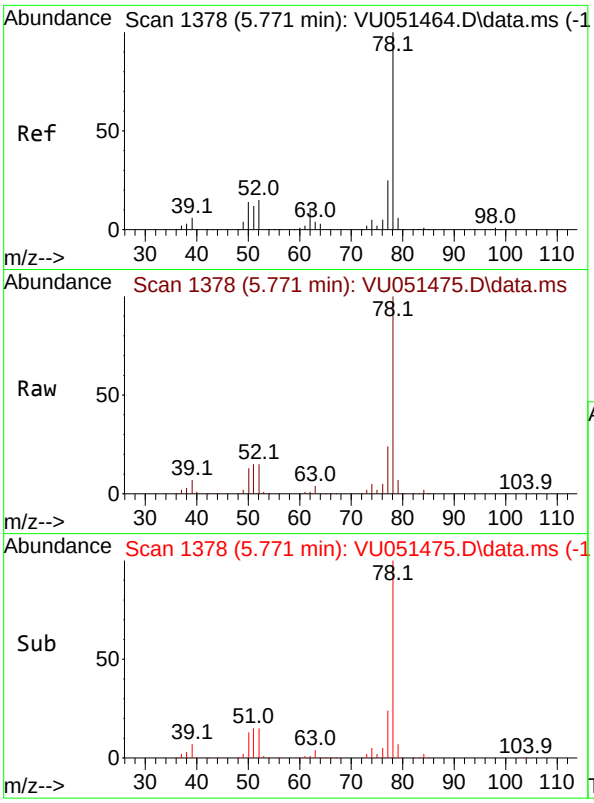
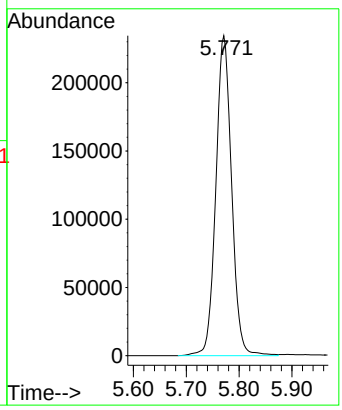


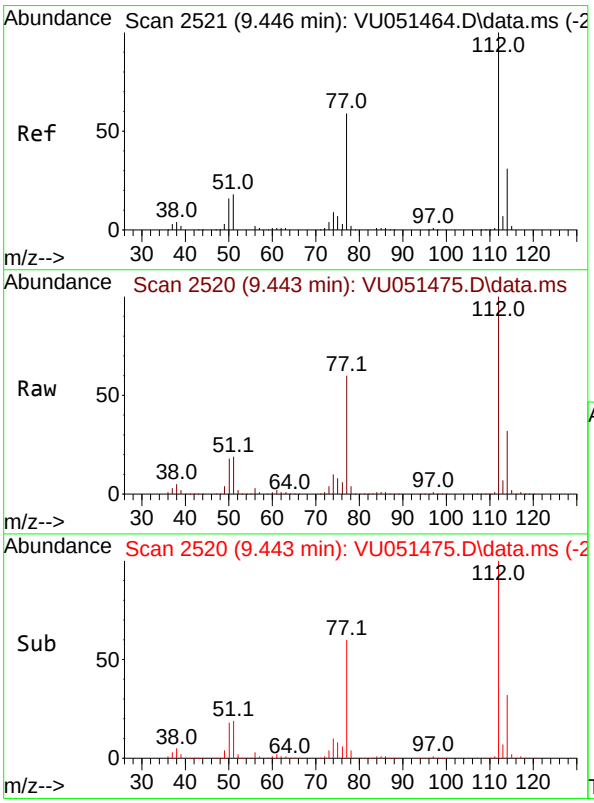


#33
Benzene
Concen: 29.758 ug/L
RT: 5.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

Instrument :
MSVOA_U
ClientSampleId :
C0KX4

Tgt Ion: 78 Resp: 486502

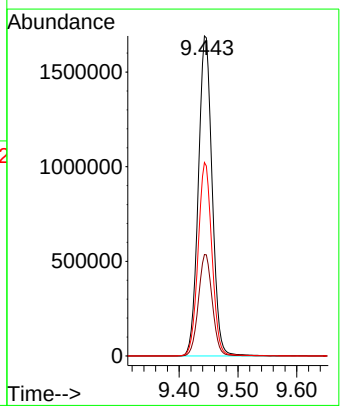


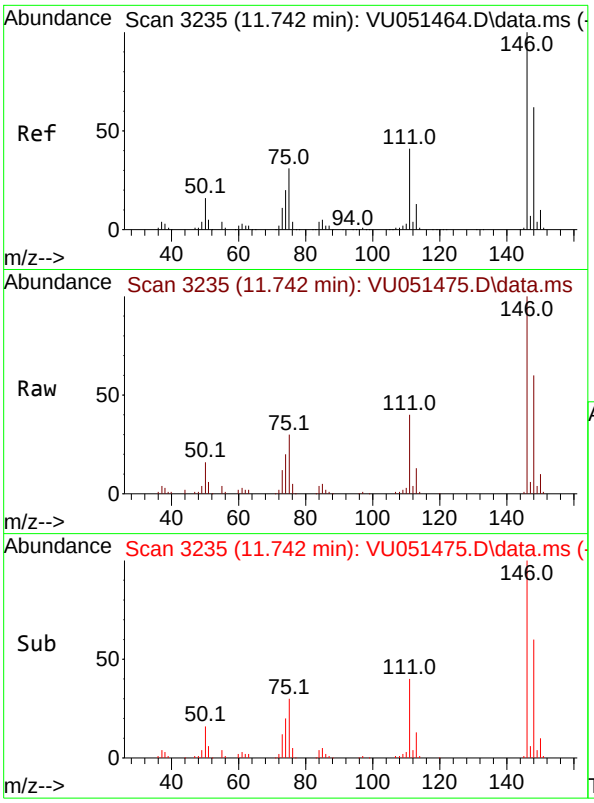


#51
Chlorobenzene
Concen: 250.734 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

Tgt Ion:112 Resp: 2754647

Ion	Ratio	Lower	Upper
112	100		
114	31.7	21.9	40.7
77	60.4	47.3	70.9



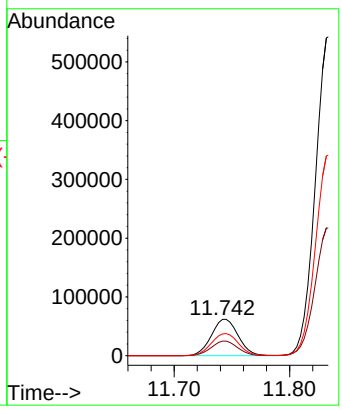


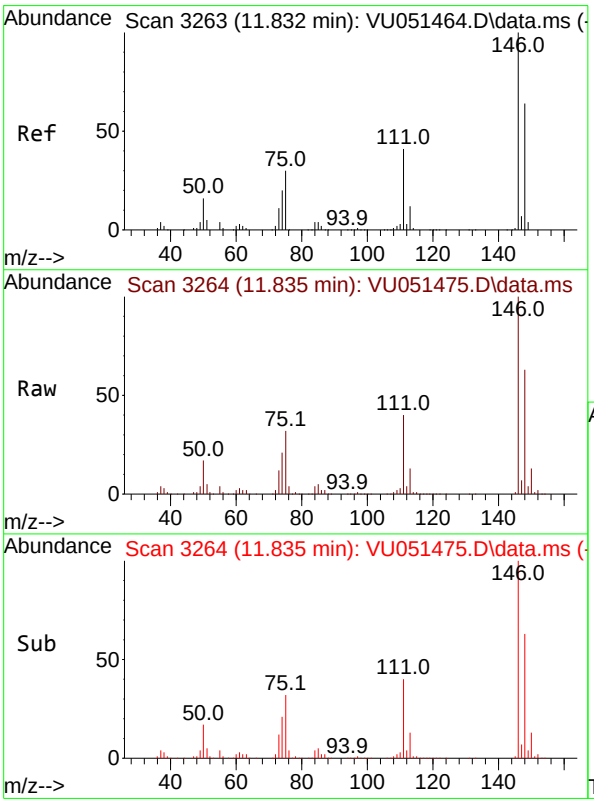
#64
1,3-Dichlorobenzene
Concen: 14.034 ug/L
RT: 11.742 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

Instrument :
MSVOA_U
ClientSampleId :
C0KX4

Tgt Ion:146 Resp: 100134

Ion	Ratio	Lower	Upper
146	100		
111	40.1	28.7	53.3
148	60.0	43.2	80.2

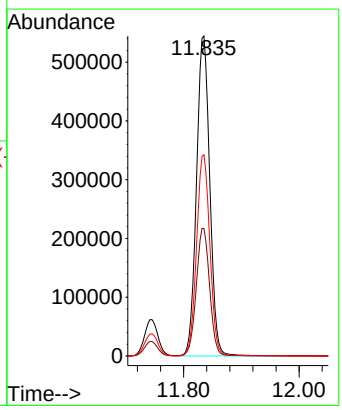


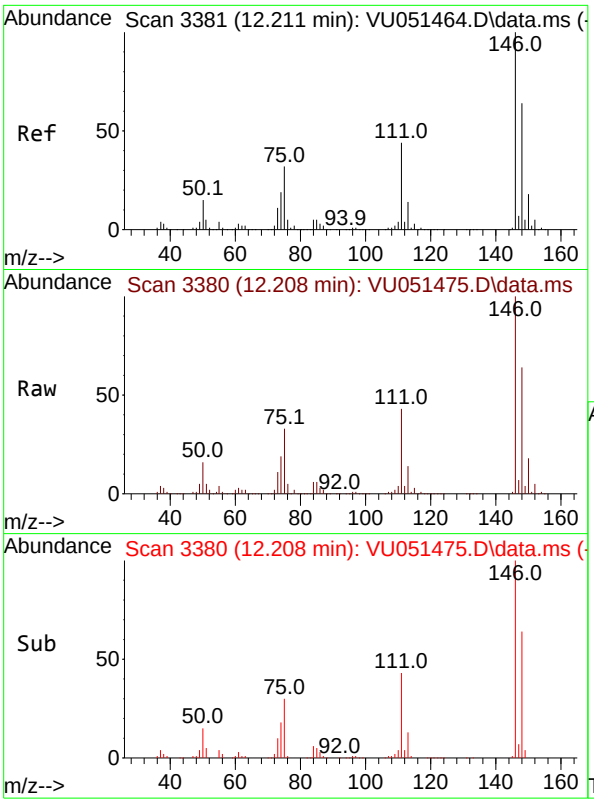


#65
1,4-Dichlorobenzene
Concen: 118.477 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

Tgt Ion:146 Resp: 869372

Ion	Ratio	Lower	Upper
146	100		
111	39.8	28.9	53.7
148	62.9	44.6	82.8



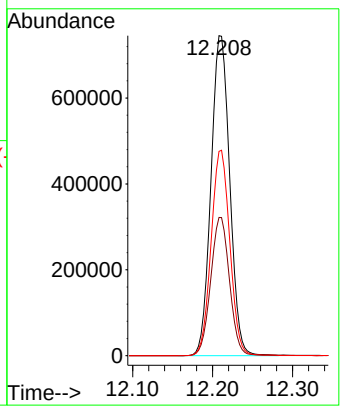


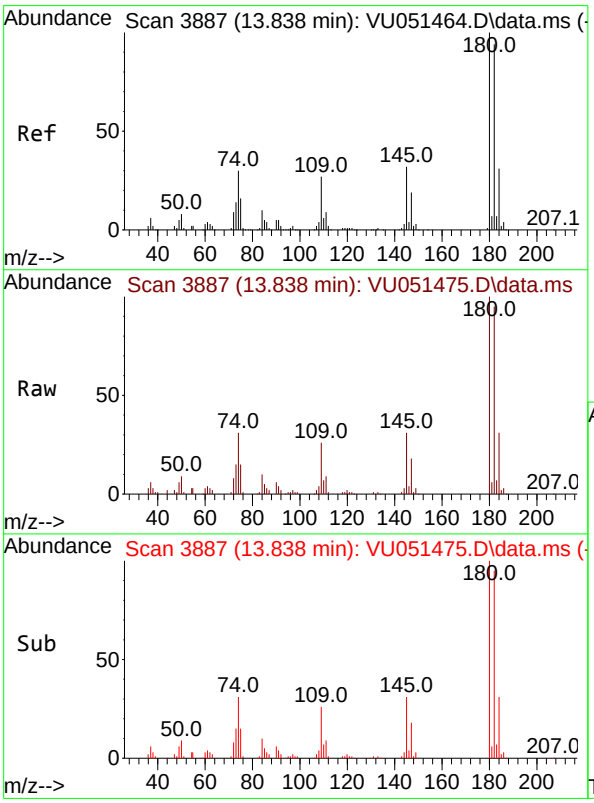
#67
1,2-Dichlorobenzene
Concen: 163.013 ug/L
RT: 12.208 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

Instrument :
MSVOA_U
ClientSampleId :
C0KX4

Tgt Ion:146 Resp: 1211613

Ion	Ratio	Lower	Upper
146	100		
111	43.2	35.3	52.9
148	63.8	51.1	76.7

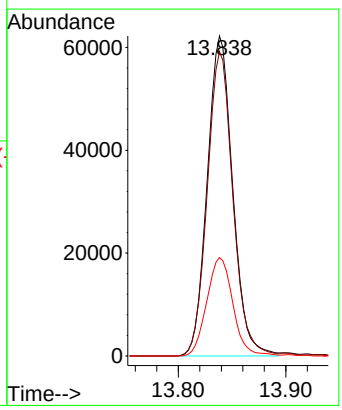


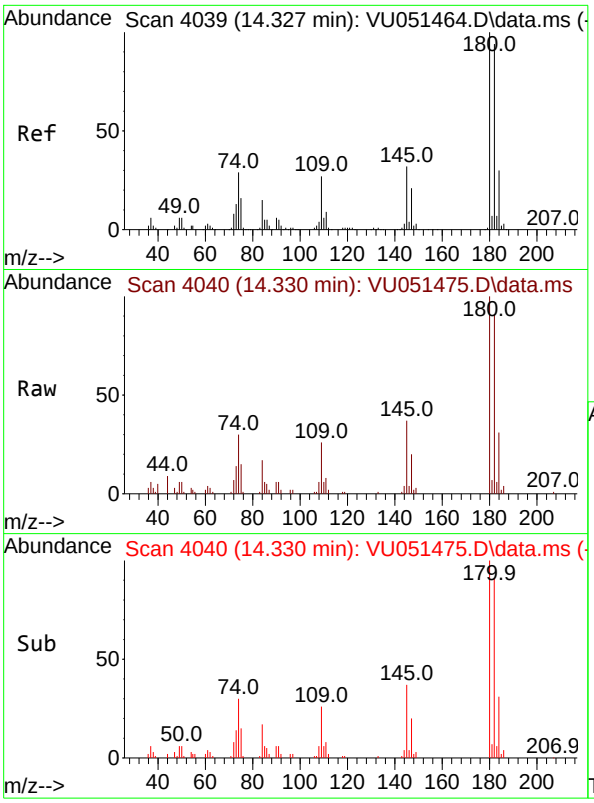


#70
1,2,4-trichlorobenzene
Concen: 27.771 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

Tgt Ion:180 Resp: 102339

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.4
145	31.5	25.0	37.6





#72
1,2,3-Trichlorobenzene
Concen: 5.989 ug/L
RT: 14.330 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

Instrument :
MSVOA_U
ClientSampleId :
C0KX4

Tgt Ion:180 Resp: 23691

Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.4	113.2
145	33.9	25.3	37.9