Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
Data File : VU051013.D
Acq On : 30 Sep 2022 05:03
Operator : JC/MD
Sample : N4880-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGSJ1

Quant Time: Sep 30 05:54:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 30 02:29:24 2022
Response via : Initial Calibration

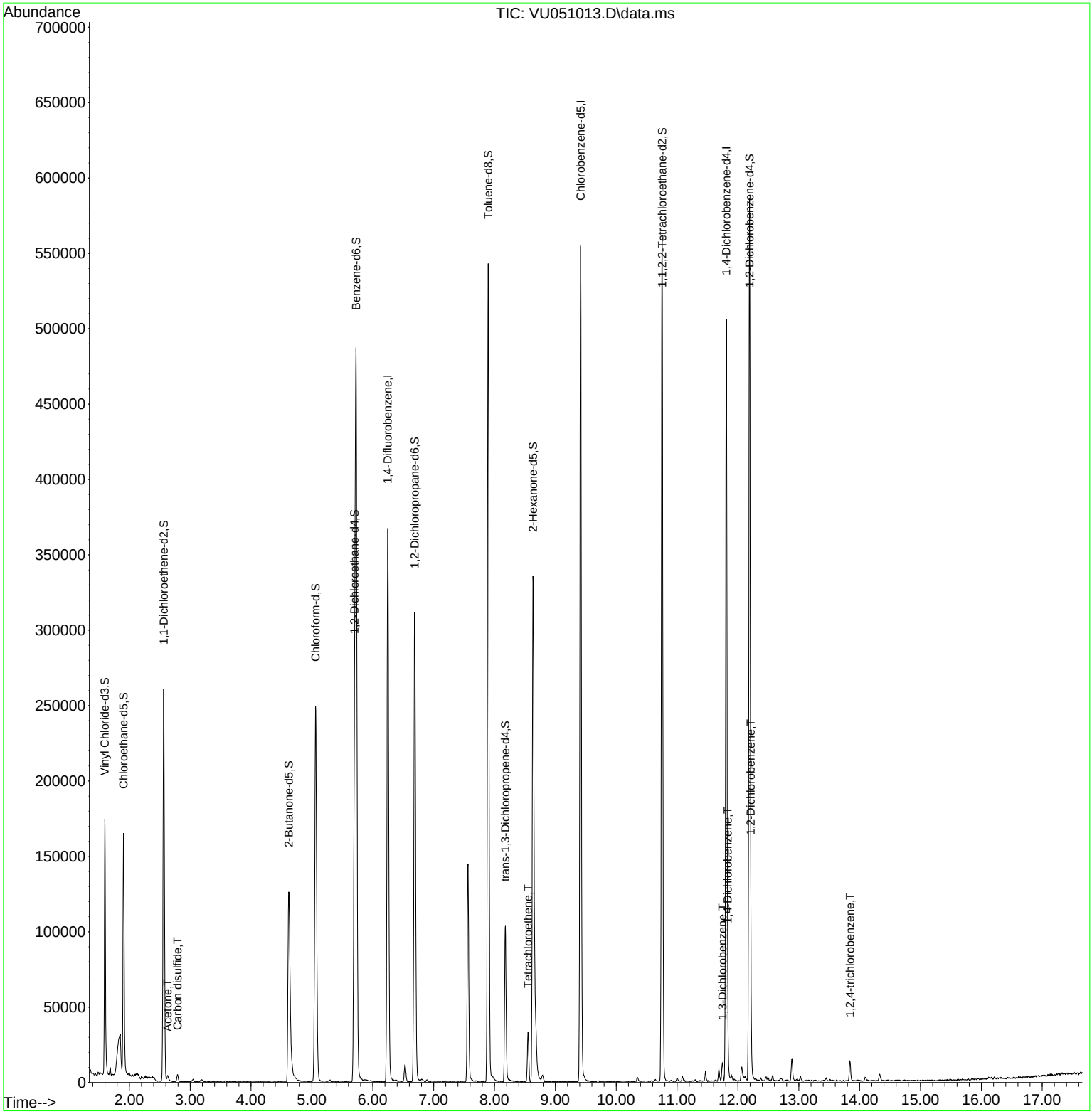
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	296068	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311803	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	130365	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	127341	42.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.880%			
7) Chloroethane-d5	1.906	69	116605	41.835	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.680%			
11) 1,1-Dichloroethene-d2	2.565	63	151817	34.253	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.500%			
21) 2-Butanone-d5	4.620	46	183666	94.377	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.380%			
24) Chloroform-d	5.060	84	226381	46.829	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.660%			
26) 1,2-Dichloroethane-d4	5.700	65	145911	48.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.520%			
32) Benzene-d6	5.726	84	449291	49.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.420%			
36) 1,2-Dichloropropane-d6	6.687	67	151084	50.993	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.980%			
41) Toluene-d8	7.896	98	361725	42.878	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.760%			
43) trans-1,3-Dichloroprop...	8.179	79	57111	40.413	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.820%			
47) 2-Hexanone-d5	8.632	63	96721	80.847	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.850%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	284467	54.936	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.880%			
66) 1,2-Dichlorobenzene-d4	12.192	152	146810	52.715	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.440%			
Target Compounds						Qvalue
13) Acetone	2.629	43	4224	2.718	ug/L	91
14) Carbon disulfide	2.793	76	5651	0.905	ug/L	100
46) Tetrachloroethene	8.552	164	7038	3.772	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	3598	0.824	ug/L	90
65) 1,4-Dichlorobenzene	11.832	146	4790	1.098	ug/L	90
67) 1,2-Dichlorobenzene	12.211	146	13931	3.106	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	4059	1.676	ug/L #	87

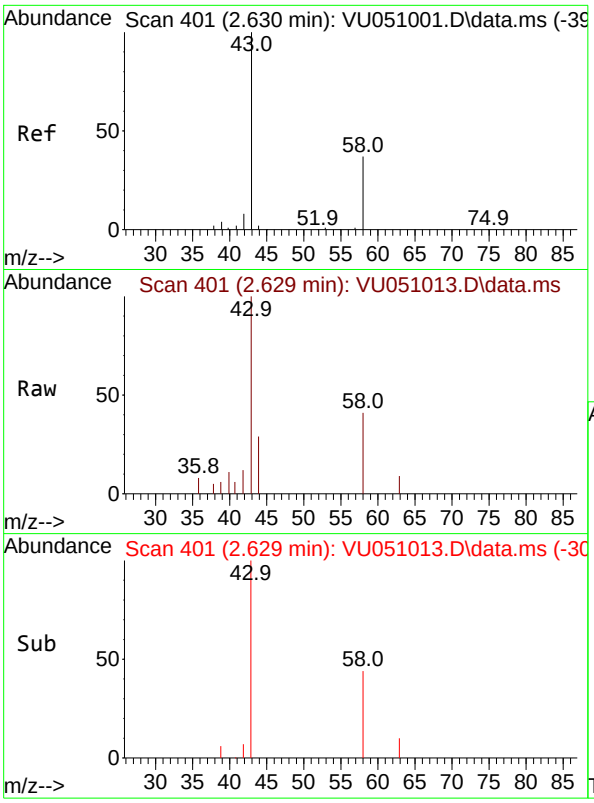
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
Data File : VU051013.D
Acq On : 30 Sep 2022 05:03
Operator : JC/MD
Sample : N4880-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGSJ1

Quant Time: Sep 30 05:54:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 30 02:29:24 2022
Response via : Initial Calibration



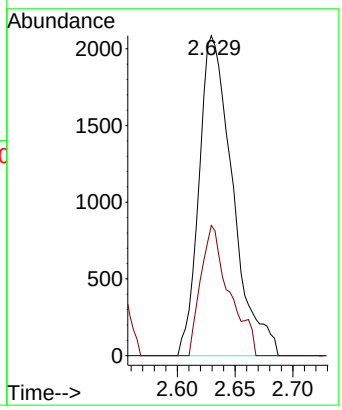


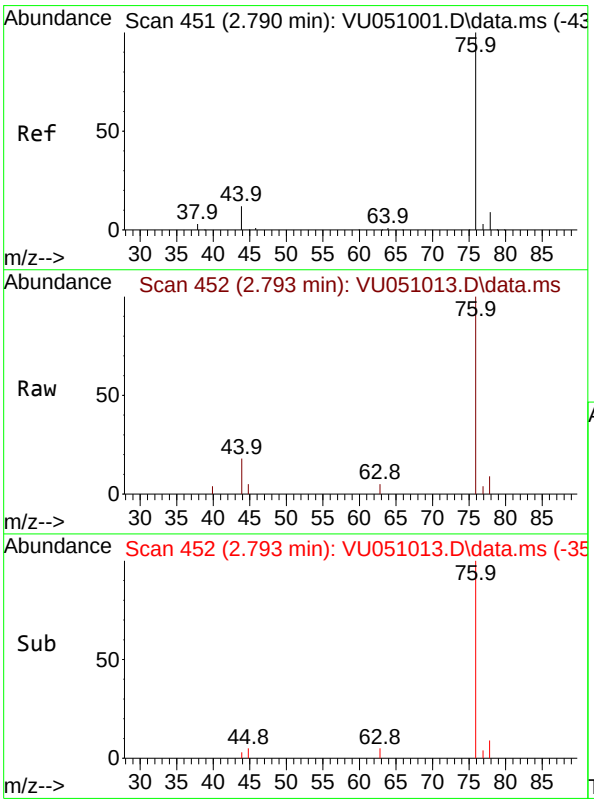
#13
Acetone
Concen: 2.718 ug/L
RT: 2.629 min Scan# 4(
Delta R.T. -0.000 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

Instrument :
MSVOA_U
ClientSampleId :
BGSJ1

Tgt Ion: 43 Resp: 4224

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	73.6

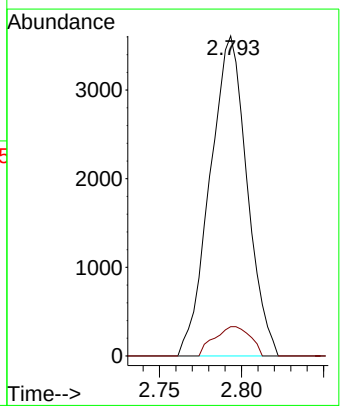


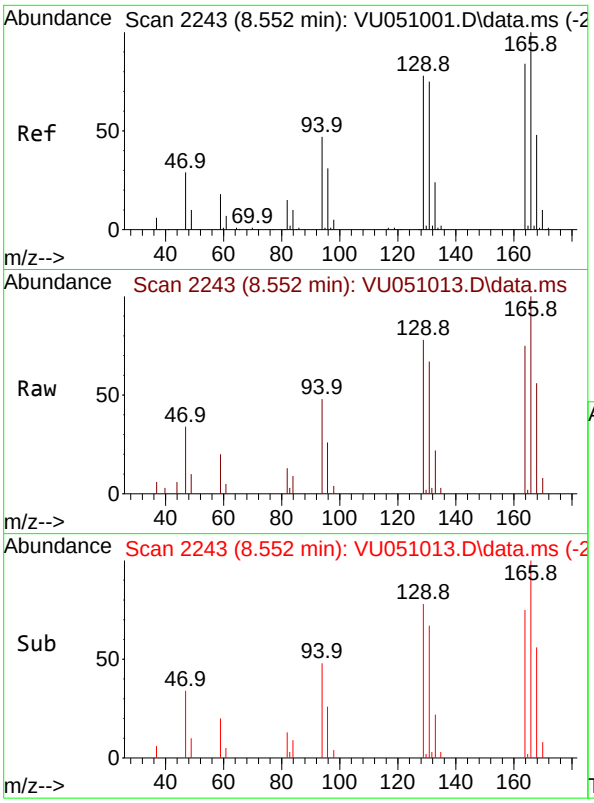


#14
Carbon disulfide
Concen: 0.905 ug/L
RT: 2.793 min Scan# 452
Delta R.T. 0.003 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

Tgt Ion: 76 Resp: 5651

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0



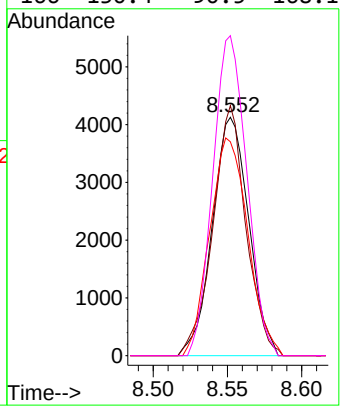


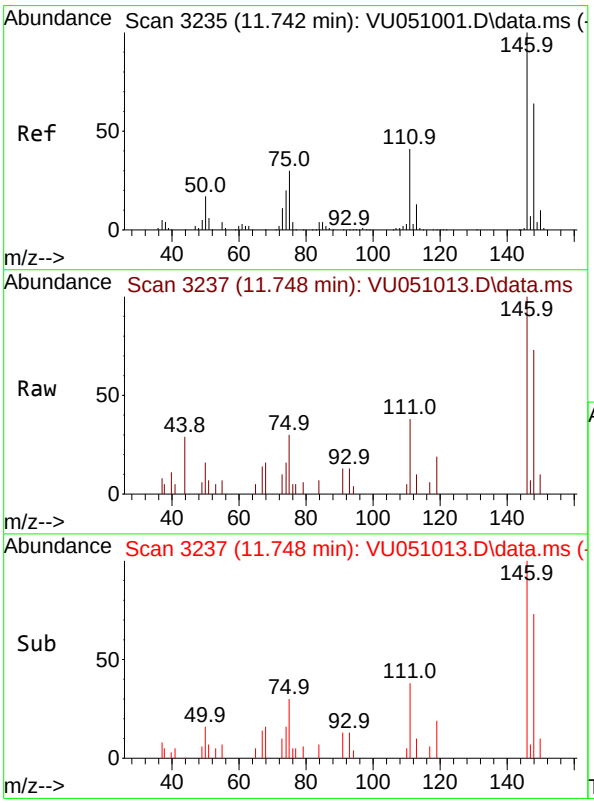
#46
Tetrachloroethene
Concen: 3.772 ug/L
RT: 8.552 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

Instrument :
MSVOA_U
ClientSampleId :
BGSJ1

Tgt Ion:164 Resp: 7038

Ion	Ratio	Lower	Upper
164	100		
129	104.8	68.1	126.5
131	90.8	67.8	126.0
166	130.4	90.5	168.1

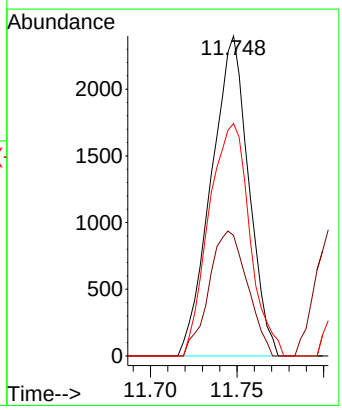


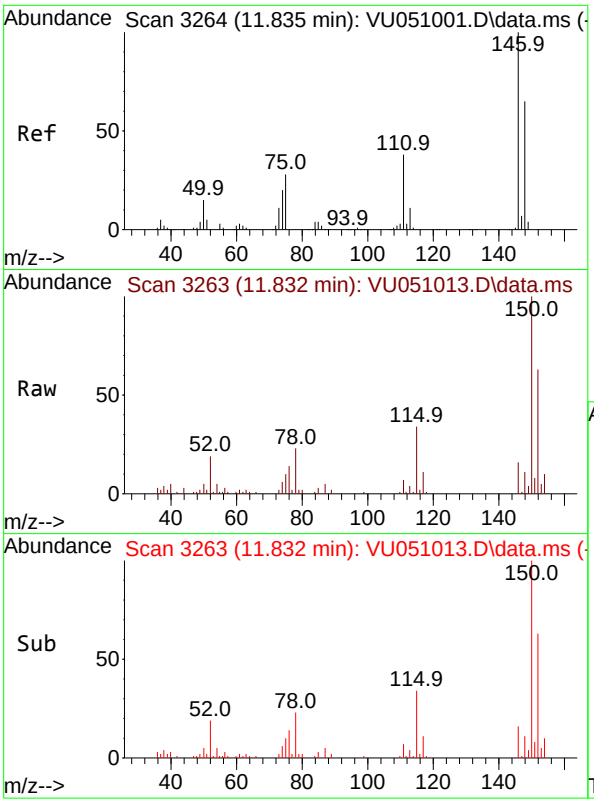


#64
1,3-Dichlorobenzene
Concen: 0.824 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.006 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

Tgt Ion:146 Resp: 3598

Ion	Ratio	Lower	Upper
146	100		
111	37.6	28.2	52.4
148	72.7	43.5	80.9



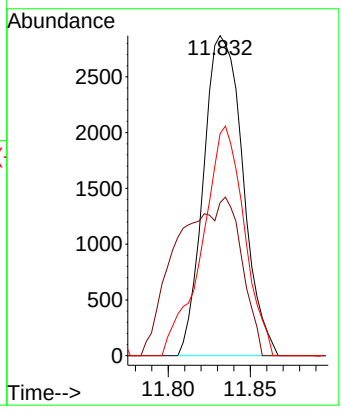


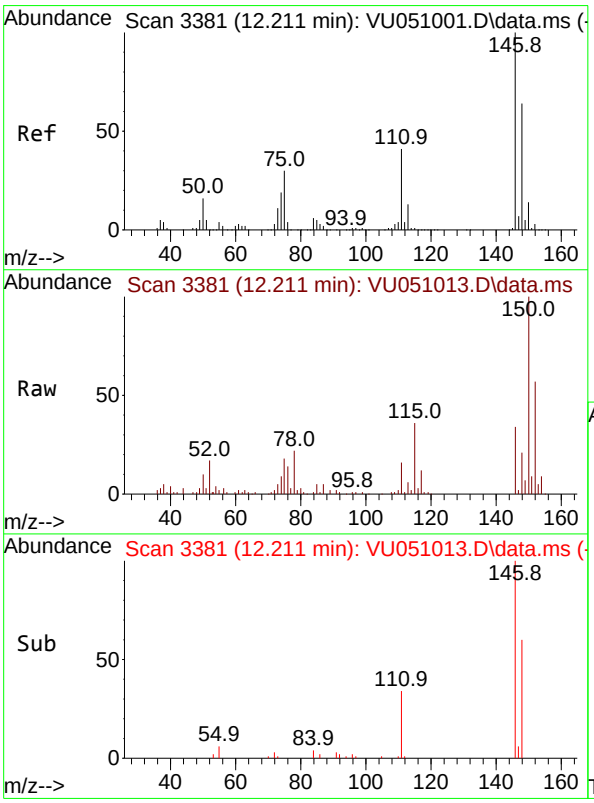
#65
1,4-Dichlorobenzene
Concen: 1.098 ug/L
RT: 11.832 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

Instrument :
MSVOA_U
ClientSampleId :
BGSJ1

Tgt Ion:146 Resp: 4790

Ion	Ratio	Lower	Upper
146	100		
111	47.9	27.0	50.2
148	69.4	45.1	83.9

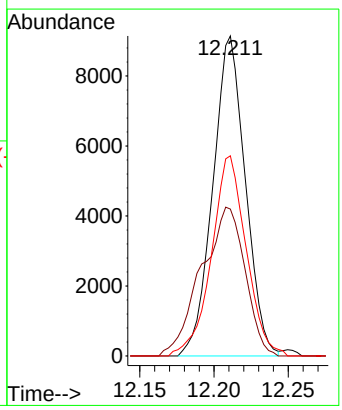


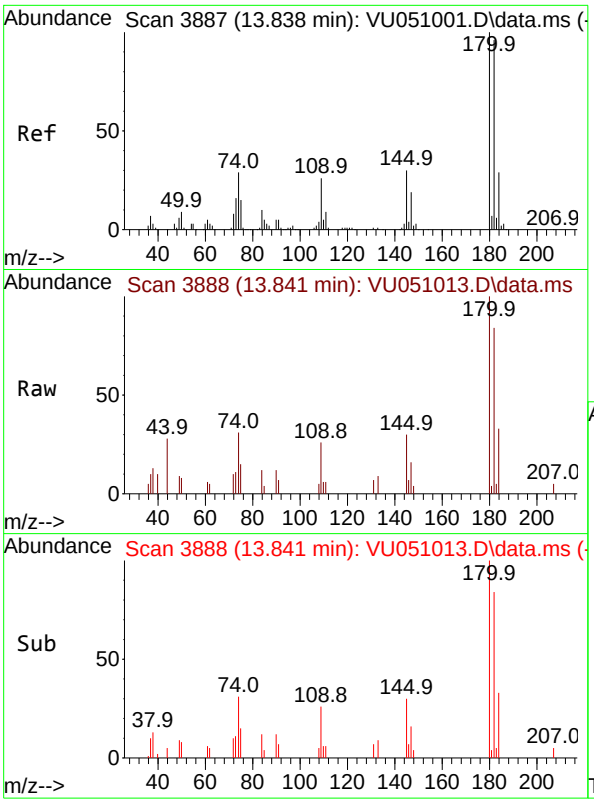


#67
1,2-Dichlorobenzene
Concen: 3.106 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

Tgt Ion:146 Resp: 13931

Ion	Ratio	Lower	Upper
146	100		
111	43.4	33.7	50.5
148	59.1	50.8	76.2





#70
1,2,4-trichlorobenzene
Concen: 1.676 ug/L
RT: 13.841 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU051013.D
Acq: 30 Sep 2022 05:03

Instrument :
MSVOA_U
ClientSampleId :
BGSJ1

Tgt Ion:180 Resp: 4059

Ion	Ratio	Lower	Upper
180	100		
182	82.6	75.9	113.9
145	22.1	24.0	36.0#