Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047655.D
Acq On : 25 Mar 2022 00:09
Operator : SY/MD
Sample : N2081-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 25 05:30:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 24 23:34:42 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
EW5Y1

Manual Integrations APPROVED

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	331969	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	342641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	186039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	70732	29.382	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	58.760%#		
7) Chloroethane-d5	1.919	69	57234	30.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	60.300%#		
11) 1,1-Dichloroethene-d2	2.571	63	110694	25.133	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.260%#		
21) 2-Butanone-d5	4.642	46	138929	67.237	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	67.240%		
24) Chloroform-d	5.067	84	135333	30.724	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	61.440%#		
26) 1,2-Dichloroethane-d4	5.703	65	87078	32.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	64.460%#		
32) Benzene-d6	5.729	84	274075	31.789	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	63.580%#		
36) 1,2-Dichloropropane-d6	6.693	67	85843	32.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	64.840%#		
41) Toluene-d8	7.899	98	246158	29.304	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	58.600%#		
43) trans-1,3-Dichloroprop...	8.179	79	40597	30.264	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.520%		
47) 2-Hexanone-d5	8.636	63	98386	63.473	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	63.470%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	134602	29.621	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	59.240%#		
66) 1,2-Dichlorobenzene-d4	12.192	152	105229	31.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	63.580%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	27730m	12.177	ug/L	
19) 1,1-Dichloroethane	3.874	63	96031	22.670	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	50317	18.686	ug/L	94
30) 1,1,1-Trichloroethane	5.321	97	1051124	270.546	ug/L	99
34) Trichloroethene	6.542	95	223553	85.977	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	2142	0.801	ug/L	87
46) Tetrachloroethene	8.555	164	508509	217.627	ug/L	99

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

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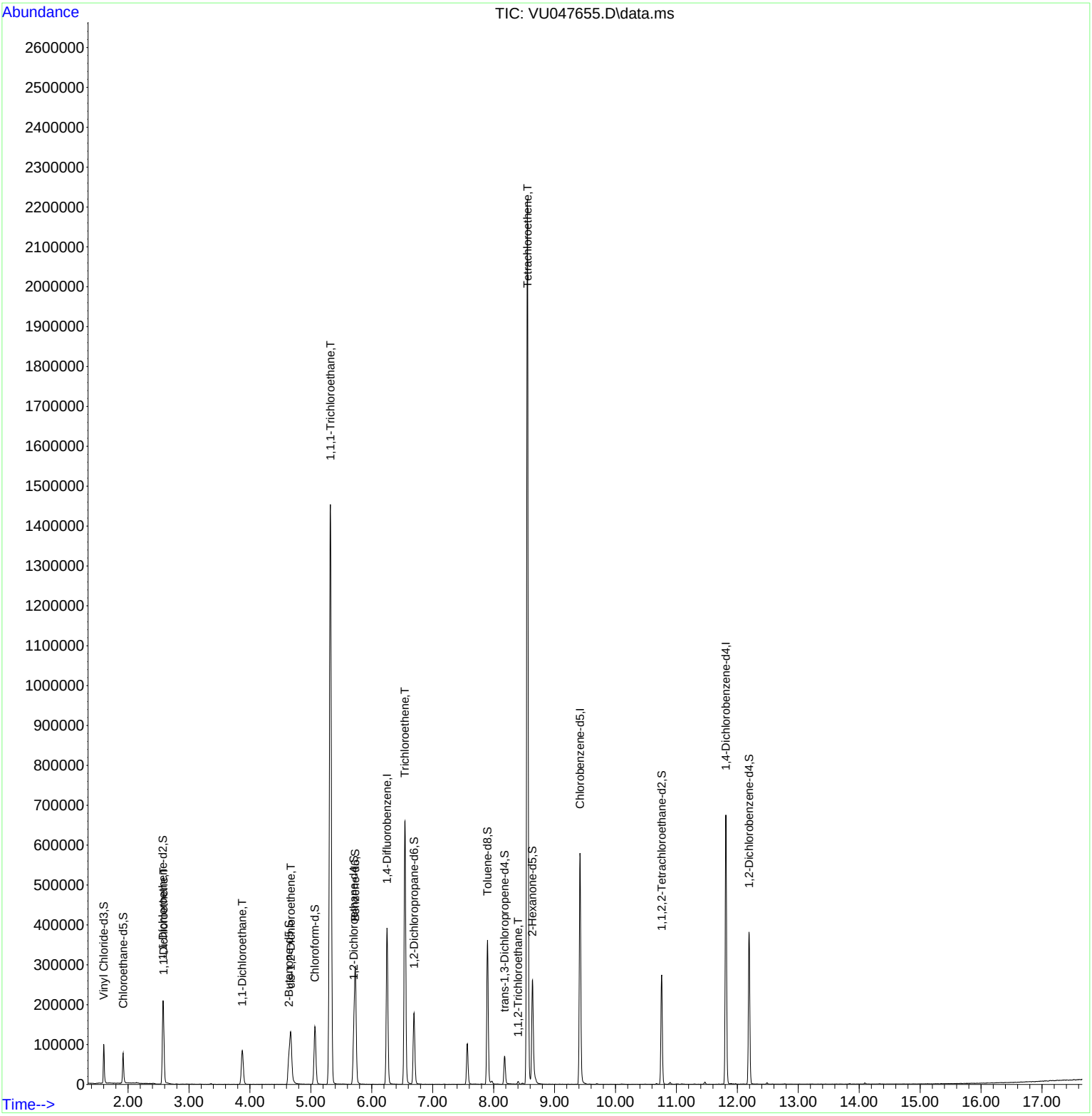
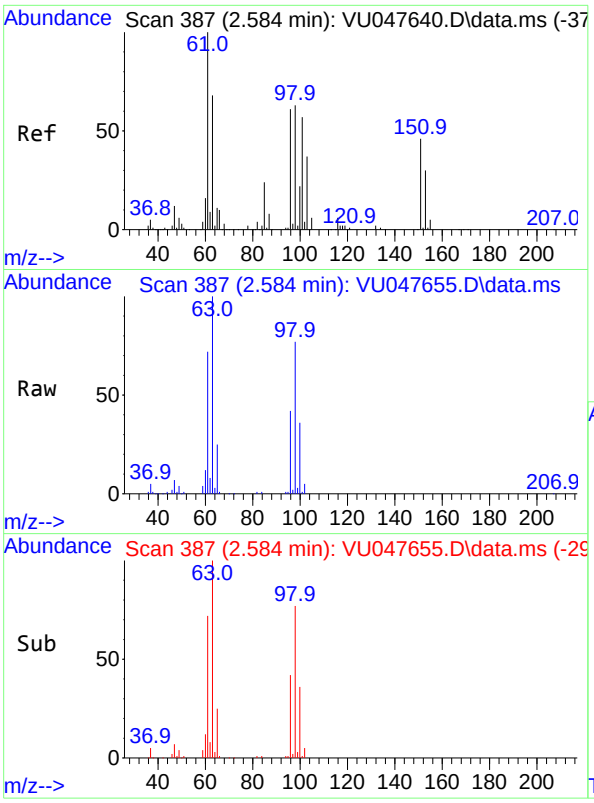
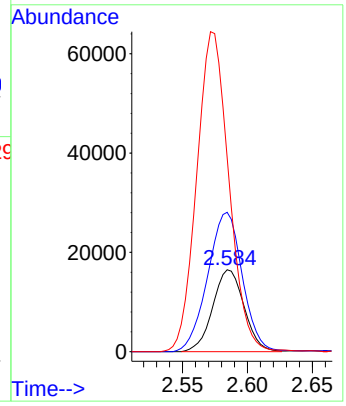




#12
1,1-Dichloroethene
Concen: 12.177 ug/L m
RT: 2.584 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU047655.D
Acq: 25 Mar 2022 00:09

Tgt Ion: 96 Resp: 2773

Ion	Ratio	Lower	Upper
96	100		
61	170.0	113.1	210.1
63	236.8	94.8	176.0



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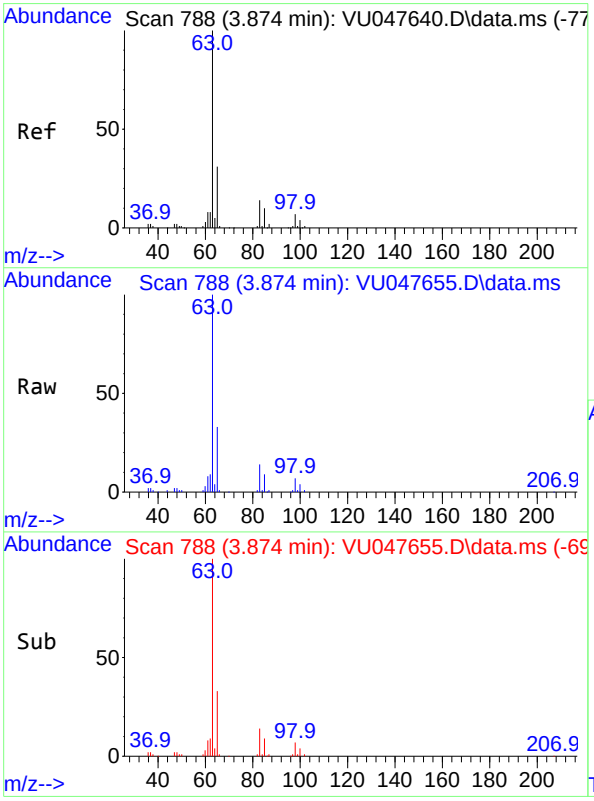
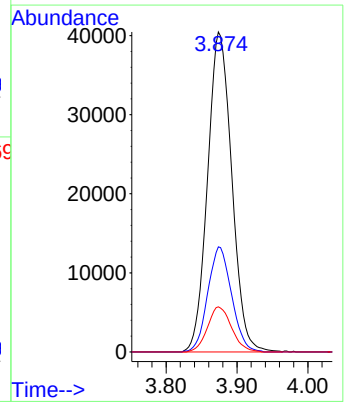
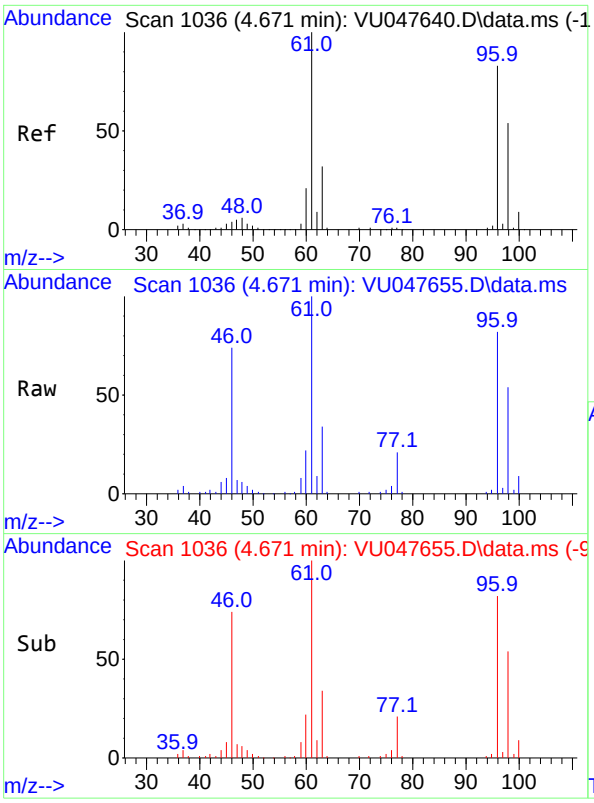


#19
1,1-Dichloroethane
Concen: 22.670 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU047655.D
Acq: 25 Mar 2022 00:09

Tgt Ion: 63 Resp: 96031

Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.0	41.0
83	14.1	9.7	18.1





#20
cis-1,2-Dichloroethene
Concen: 18.686 ug/L
RT: 4.671 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047655.D
Acq: 25 Mar 2022 00:09

Tgt Ion: 96 Resp: 5031

Ion	Ratio	Lower	Upper
96	100		
61	122.2	80.7	149.9
68	0.0	0.0	0.0

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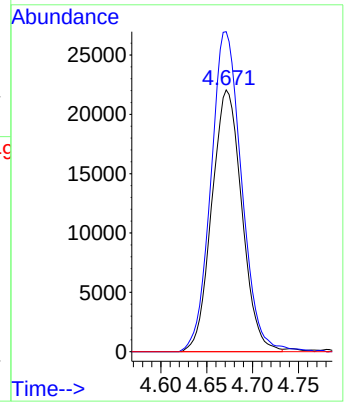
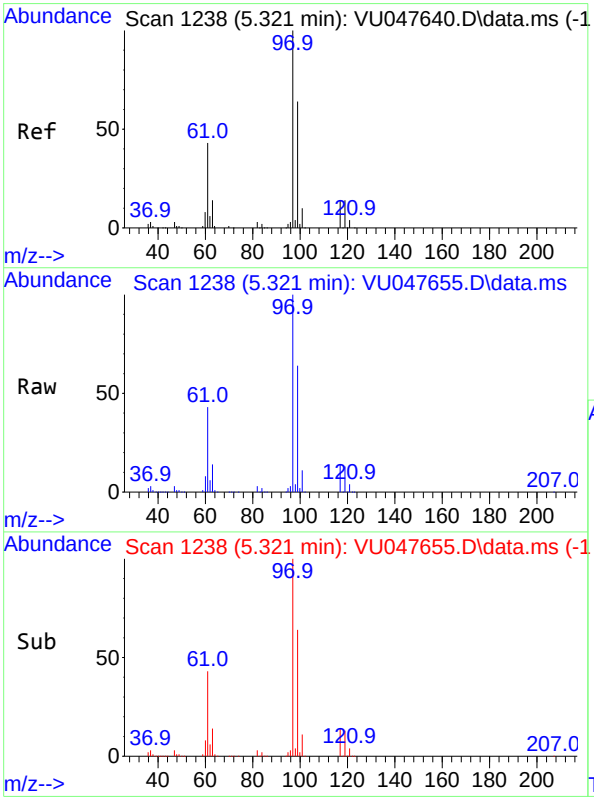
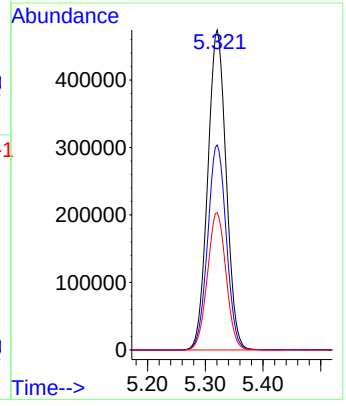


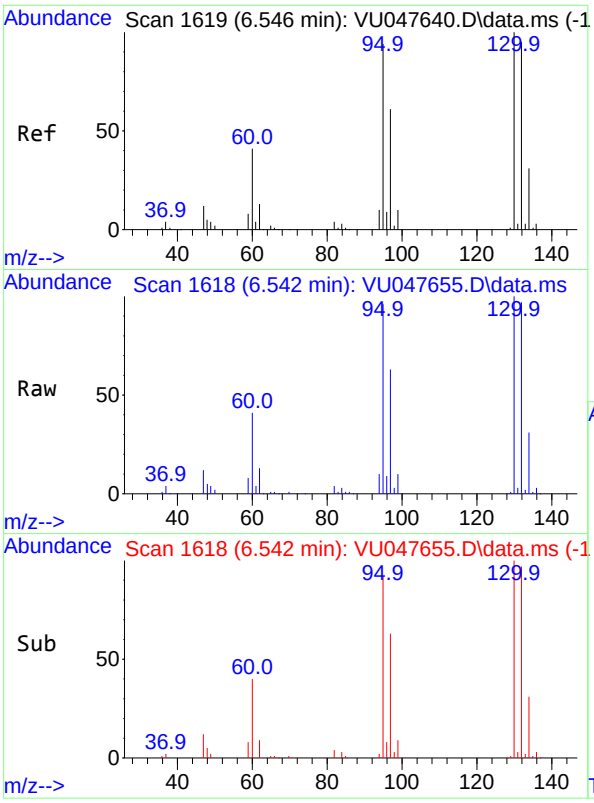


#30
1,1,1-Trichloroethane
Concen: 270.546 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047655.D
Acq: 25 Mar 2022 00:09

Tgt Ion: 97 Resp: 1051124

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	43.4	34.2	51.4

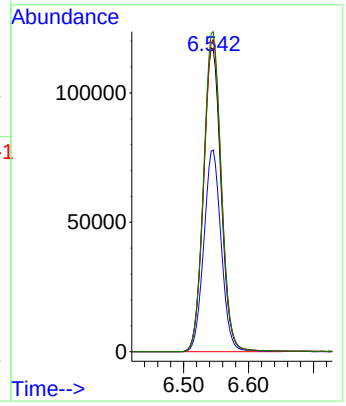




#34
Trichloroethene
Concen: 85.977 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU047655.D
Acq: 25 Mar 2022 00:09

Tgt Ion: 95 Resp: 22355

Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.7	82.9
132	101.5	70.4	130.8
130	104.7	73.6	136.8



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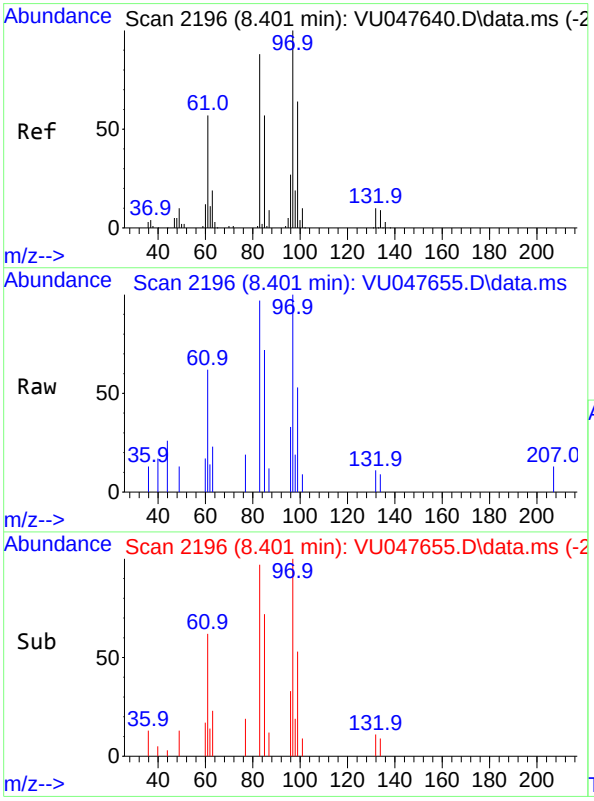
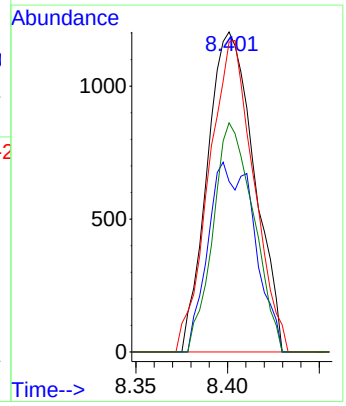
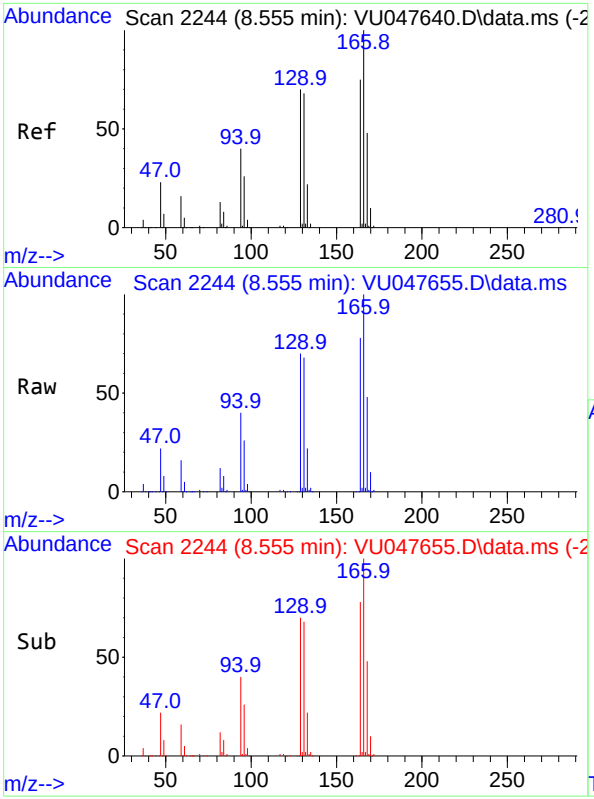


#45
1,1,2-Trichloroethane
Concen: 0.801 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047655.D
Acq: 25 Mar 2022 00:09

Tgt Ion: 97 Resp: 2142

Ion	Ratio	Lower	Upper
97	100		
99	53.3	43.3	80.3
83	96.8	61.0	113.4
85	71.6	39.6	73.6

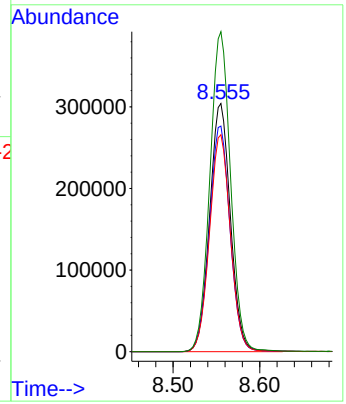




#46
Tetrachloroethene
Concen: 217.627 ug/L
RT: 8.555 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU047655.D
Acq: 25 Mar 2022 00:09

Tgt Ion:164 Resp: 50850

Ion	Ratio	Lower	Upper
164	100		
129	90.9	62.4	116.0
131	87.4	60.7	112.7
166	129.0	89.0	165.4



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