Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
Data File : VU045864.D
Acq On : 18 Nov 2021 13:31
Operator : SY/MD
Sample : M4686-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG201

Quant Time: Nov 19 00:53:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 00:50:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92964	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	45764	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35229	4.783	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.600%			
7) Chloroethane-d5	1.916	69	27228	5.078	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.600%			
11) 1,1-Dichloroethene-d2	2.568	65	15075	4.880	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.600%			
20) 2-Butanone-d5	4.645	46	99558	50.439	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.880%			
24) Chloroform-d	5.067	84	54764	4.463	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
26) 1,2-Dichloroethane-d4	5.706	65	33754	4.688	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.800%			
32) Benzene-d6	5.732	84	118779	4.349	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	6.693	67	37999	4.414	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.200%			
41) Toluene-d8	7.902	98	99878	4.042	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.800%			
43) trans-1,3-Dichloroprop...	8.182	79	14007	4.008	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.200%			
46) 2-Hexanone-d5	8.636	63	64243	40.844	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.680%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32692	4.495	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.000%			
66) 1,2-Dichlorobenzene-d4	12.195	152	38002	4.836	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1064	0.133	ug/L #	73
9) Trichlorofluoromethane	2.141	101	1570	0.151	ug/L	89
17) Methyl tert-butyl Ether	3.369	73	6054	0.404	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	15390	2.301	ug/L	94
25) Chloroform	5.092	83	8271	0.660	ug/L	96
34) Trichloroethene	6.546	95	95118	13.335	ug/L	99
47) Tetrachloroethene	8.555	164	12719	2.547	ug/L	97

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

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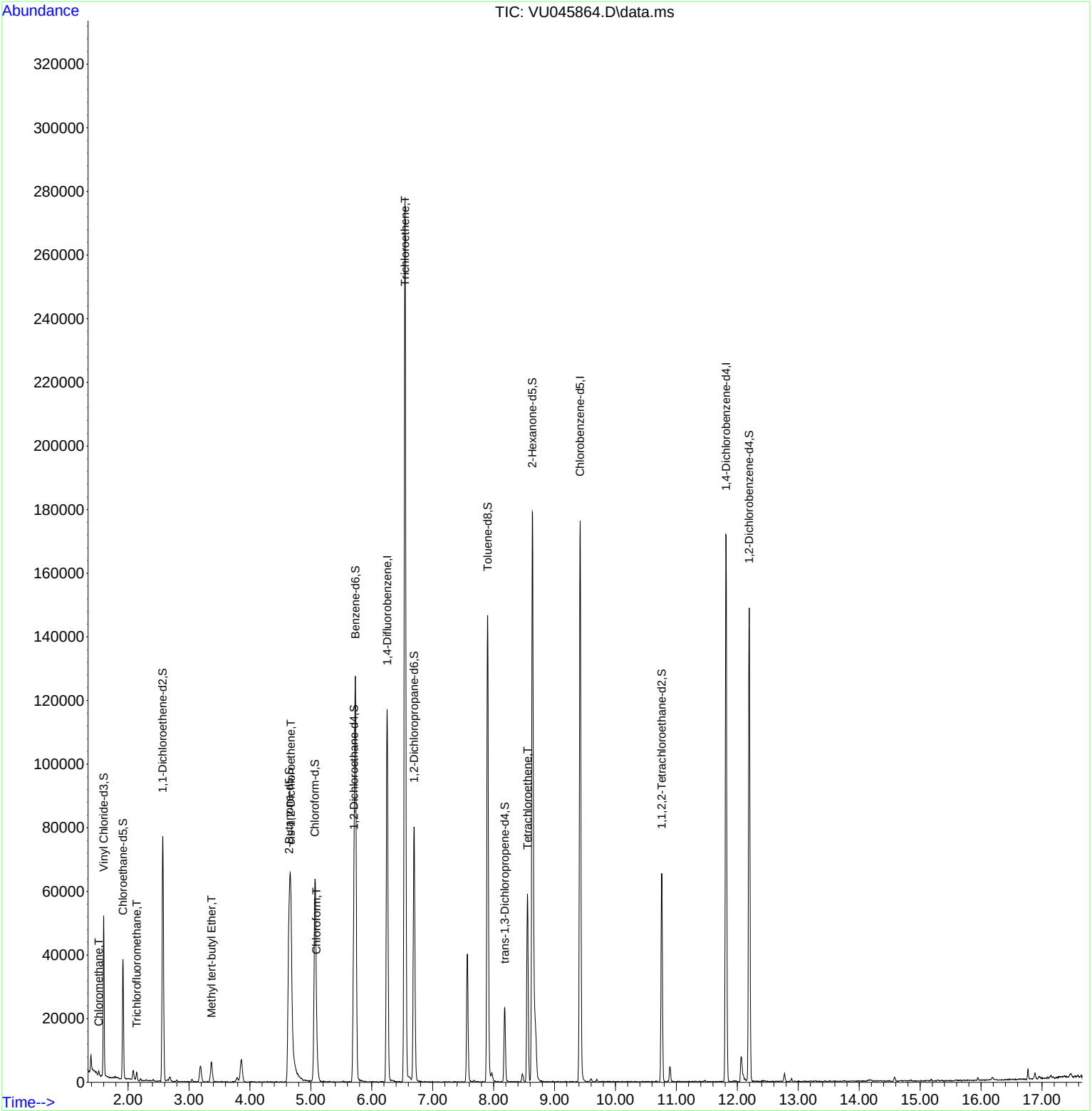
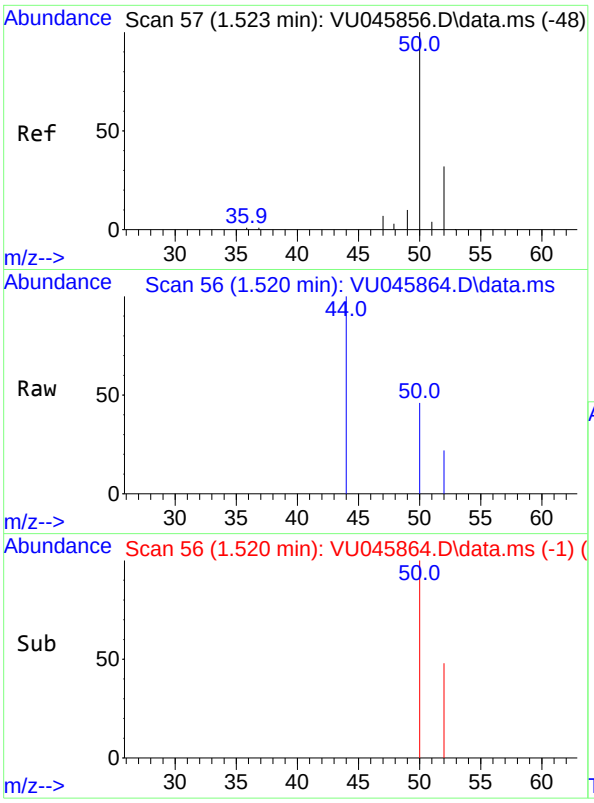


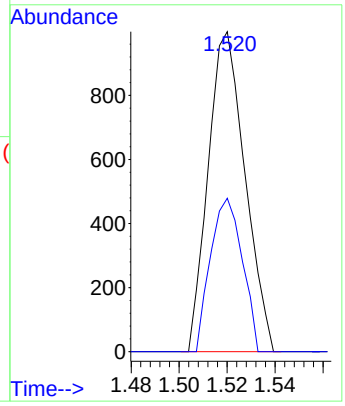


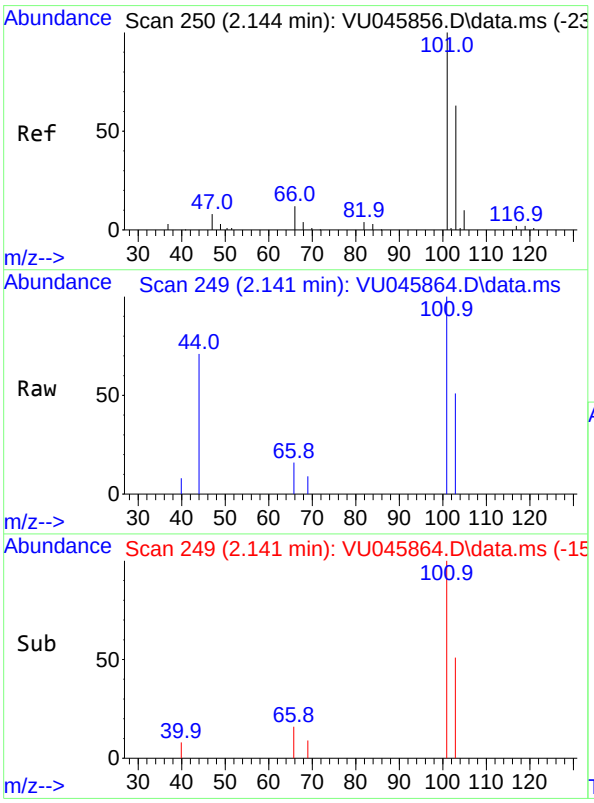
#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.520 min Scan# 5
Delta R.T. -0.003 min
Lab File: VU045864.D
Acq: 18 Nov 2021 13:31

Instrument :
MSVOA_U
ClientSampleId :
BG201

Tgt Ion: 50 Resp: 1064

Ion	Ratio	Lower	Upper
50	100		
52	47.9	23.0	42.8#

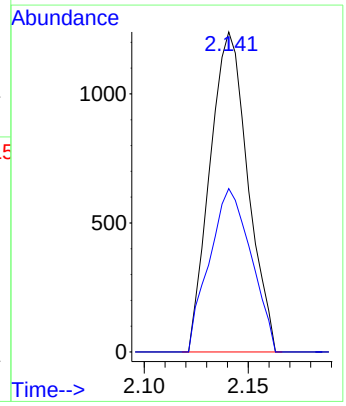


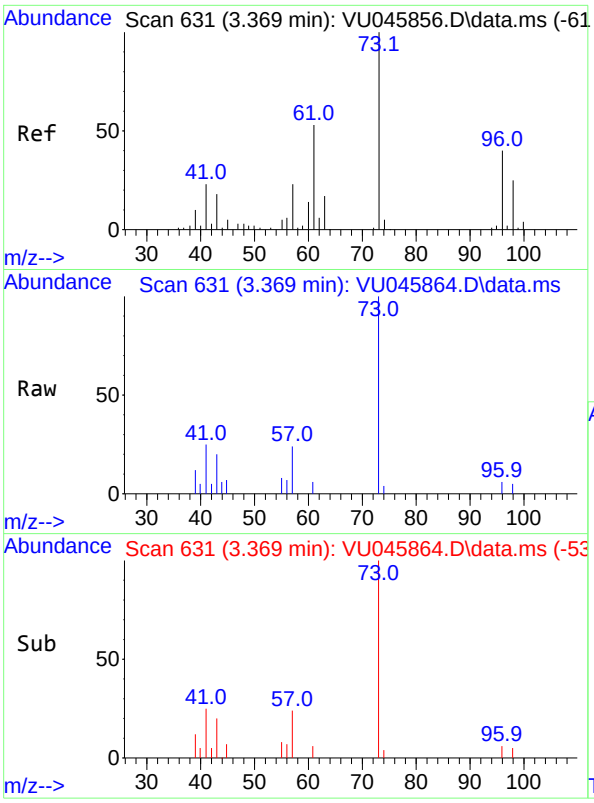


#9
Trichlorofluoromethane
Concen: 0.151 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU045864.D
Acq: 18 Nov 2021 13:31

Tgt Ion:101 Resp: 1570

Ion	Ratio	Lower	Upper
101	100		
103	56.1	51.5	77.3



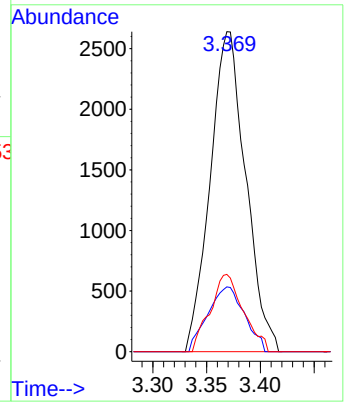


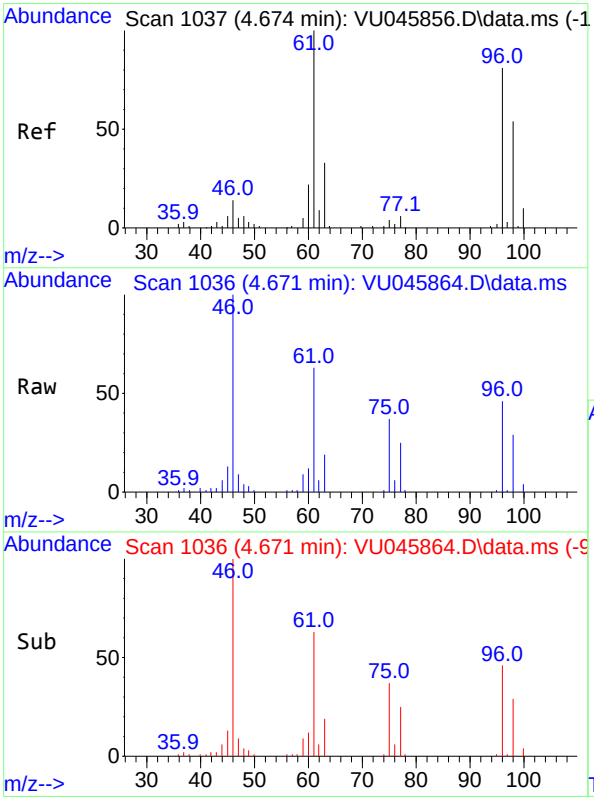
#17
Methyl tert-butyl Ether
Concen: 0.404 ug/L
RT: 3.369 min Scan# 6
Delta R.T. -0.000 min
Lab File: VU045864.D
Acq: 18 Nov 2021 13:31

Instrument :
MSVOA_U
ClientSampleId :
BG201

Tgt Ion: 73 Resp: 6054

Ion	Ratio	Lower	Upper
73	100		
43	21.0	14.8	22.2
57	22.7	17.4	26.0

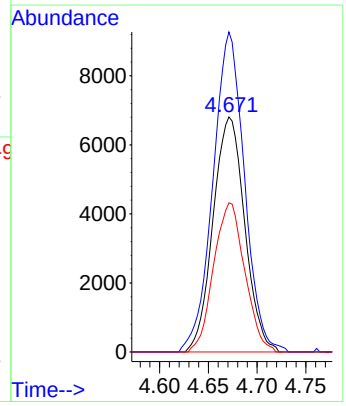


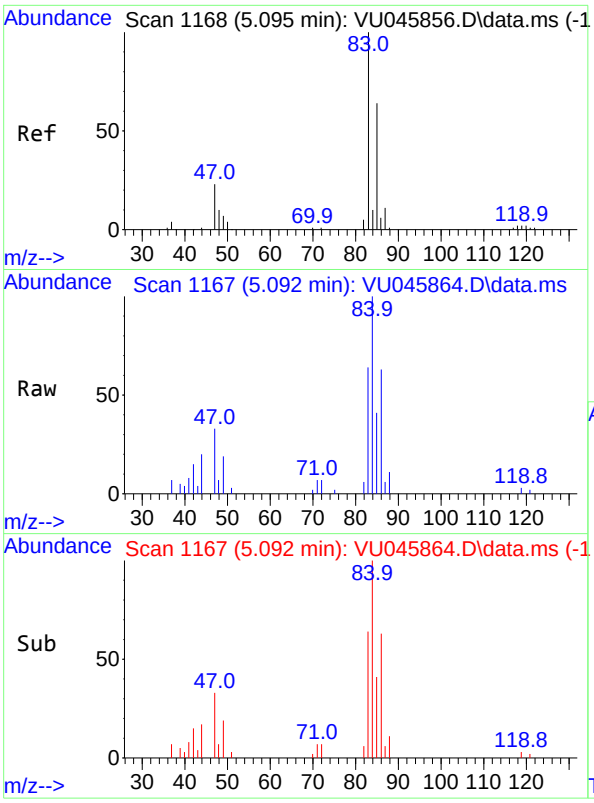


#22
cis-1,2-Dichloroethene
Concen: 2.301 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU045864.D
Acq: 18 Nov 2021 13:31

Tgt Ion: 96 Resp: 15390

Ion	Ratio	Lower	Upper
96	100		
61	136.2	88.5	164.3
98	63.4	44.4	82.5



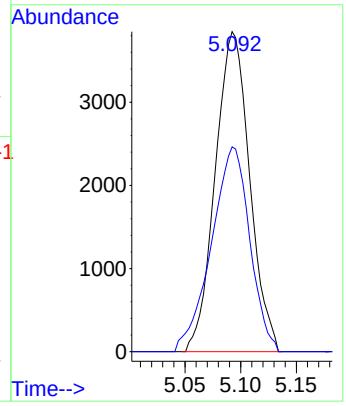


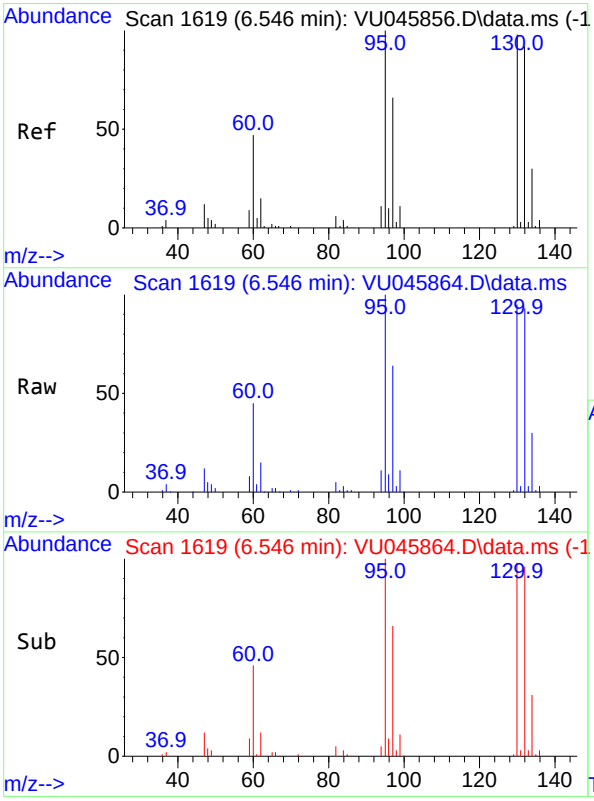
#25
Chloroform
Concen: 0.660 ug/L
RT: 5.092 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045864.D
Acq: 18 Nov 2021 13:31

Instrument :
MSVOA_U
ClientSampleId :
BG201

Tgt Ion: 83 Resp: 8271

Ion	Ratio	Lower	Upper
83	100		
85	64.0	46.9	87.1

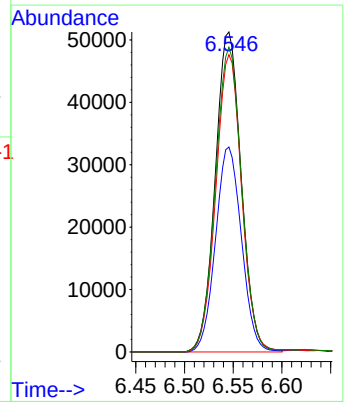


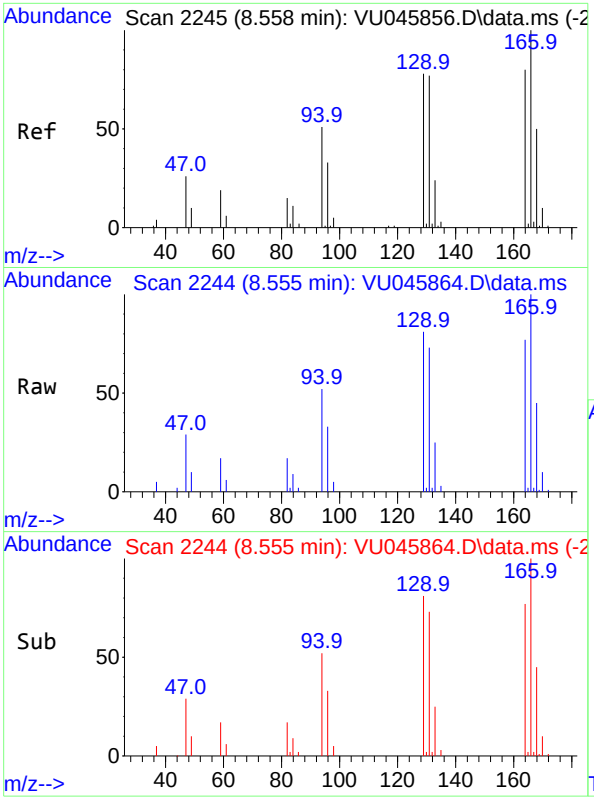


#34
Trichloroethene
Concen: 13.335 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045864.D
Acq: 18 Nov 2021 13:31

Tgt Ion: 95 Resp: 95118

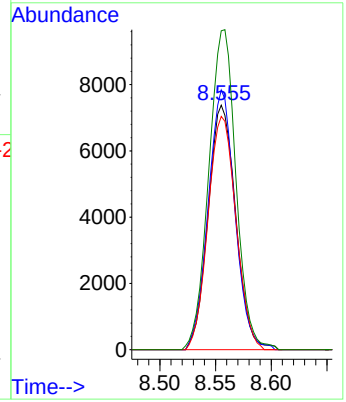
Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.5	86.5
132	92.9	65.1	120.9
130	95.2	67.3	124.9





#47
Tetrachloroethene
Concen: 2.547 ug/L
RT: 8.555 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU045864.D
Acq: 18 Nov 2021 13:31

Instrument :
MSVOA_U
ClientSampleId :
BG201

Tgt Ion:164 Resp: 12719

Ion	Ratio	Lower	Upper
164	100		
129	106.2	71.8	133.4
131	95.5	68.5	127.3
166	130.4	94.1	174.8