Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
Data File : VU046509.D
Acq On : 20 Dec 2021 14:56
Operator : SY/MD
Sample : M5150-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 21 00:15:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	169581	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	169507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	85708	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	62374	44.651	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.300%			
7) Chloroethane-d5	1.922	69	47695	44.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.940%			
11) 1,1-Dichloroethene-d2	2.575	63	91486	36.482	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.960%			
21) 2-Butanone-d5	4.652	46	93891	84.550	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.550%			
24) Chloroform-d	5.070	84	106083	45.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.940%			
26) 1,2-Dichloroethane-d4	5.707	65	71432	45.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.260%			
32) Benzene-d6	5.732	84	211537	43.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.080%			
36) 1,2-Dichloropropane-d6	6.697	67	66246	43.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.000%			
41) Toluene-d8	7.903	98	184370	41.679	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.360%			
43) trans-1,3-Dichloroprop...	8.182	79	31774	43.715	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.420%			
47) 2-Hexanone-d5	8.639	63	64707	90.638	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.640%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	93893	41.119	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.240%			
66) 1,2-Dichlorobenzene-d4	12.195	152	70826	42.910	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.820%			
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	136200	81.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	754	0.611	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	19016	16.218	ug/L #	45
13) Acetone	2.665	43	4318	3.111	ug/L #	24
17) trans-1,2-Dichloroethene	3.363	96	28085	22.633	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	2153246	1599.237	ug/L	98
34) Trichloroethene	6.549	95	2167153	1603.462	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	1494	0.744	ug/L	89
45) 1,1,2-Trichloroethane	8.407	97	709	0.526	ug/L	89
46) Tetrachloroethene	8.555	164	3656	3.681	ug/L	94

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

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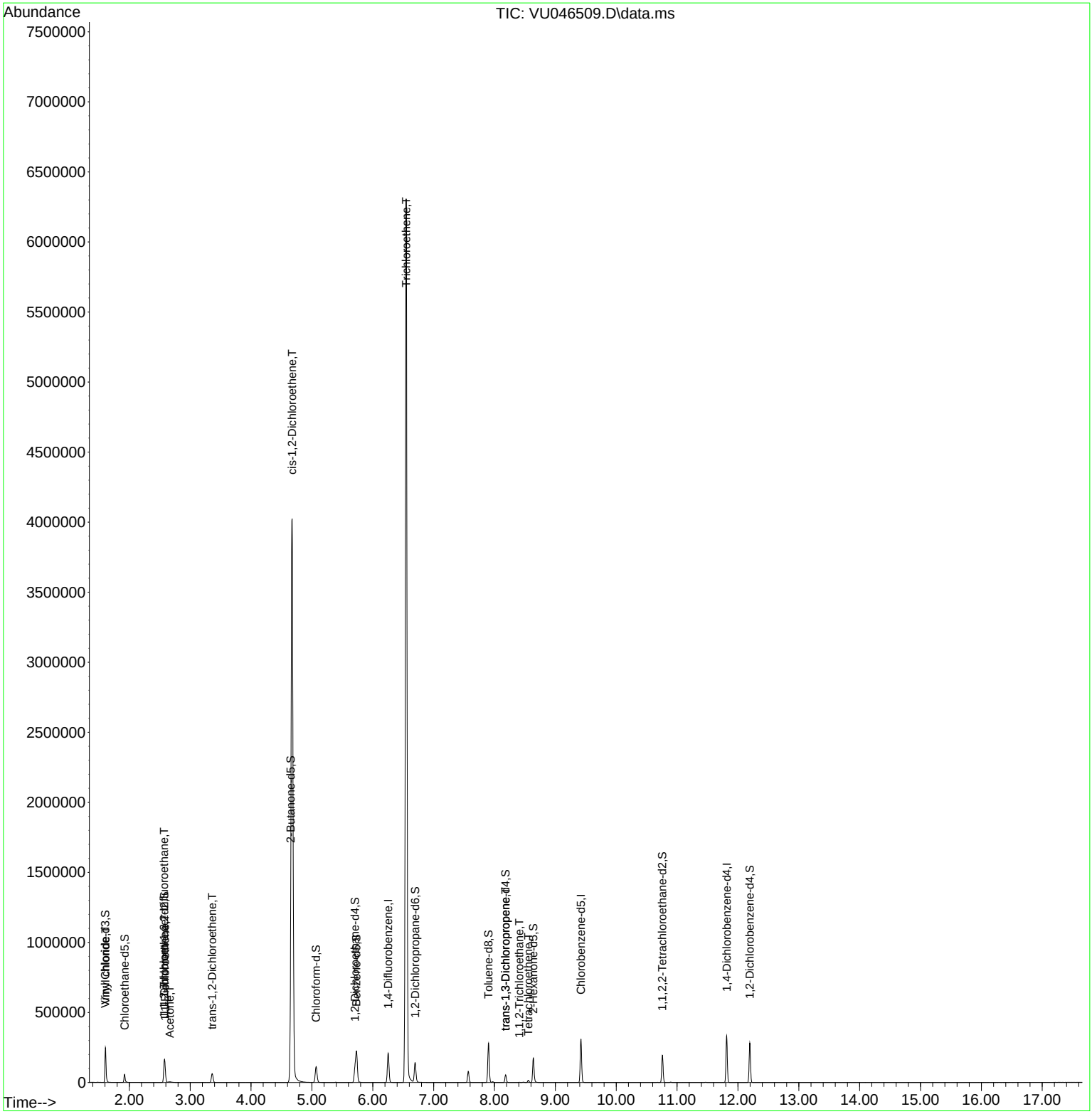
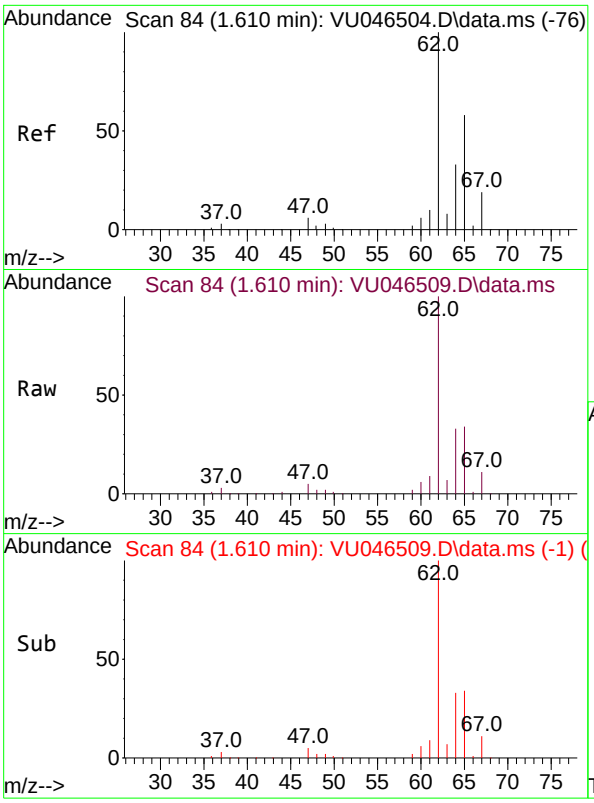
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
Response via : Initial Calibration

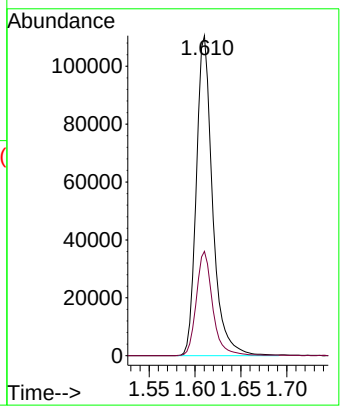


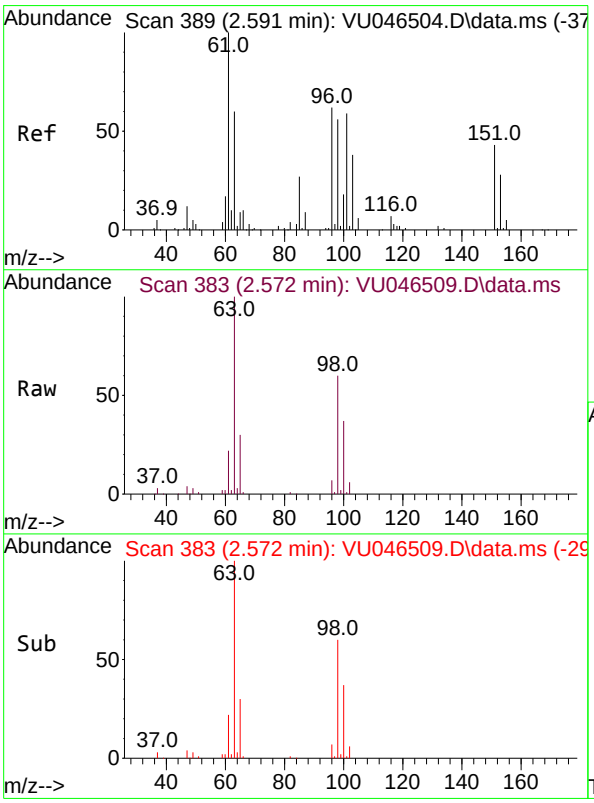


#5
Vinyl chloride
Concen: 81.854 ug/L
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

Tgt Ion: 62 Resp: 136200

Ion	Ratio	Lower	Upper
62	100		
64	32.6	22.9	42.5

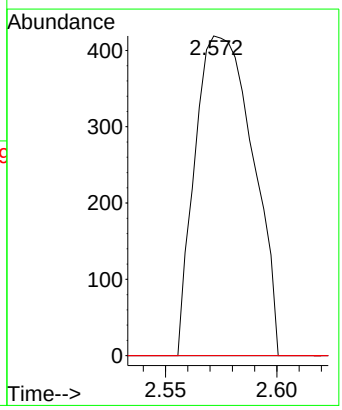


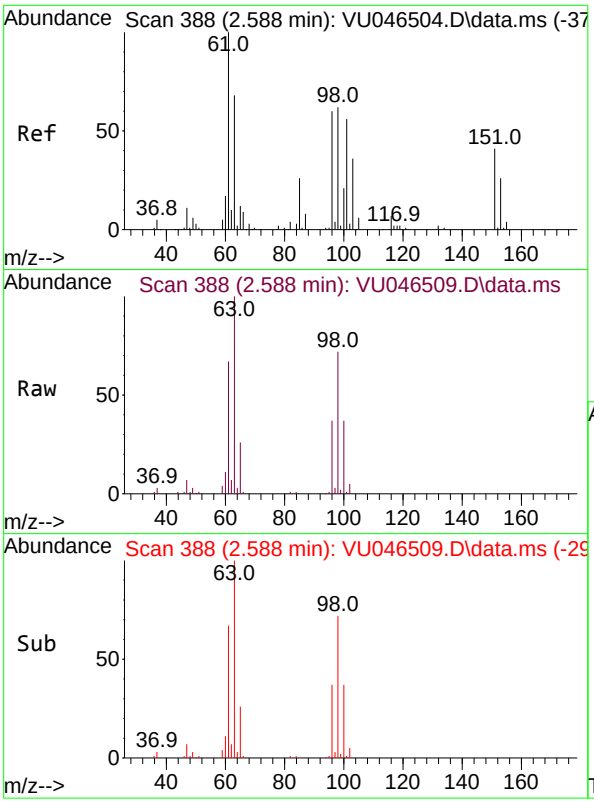


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.611 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

Tgt Ion:101 Resp: 754

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#

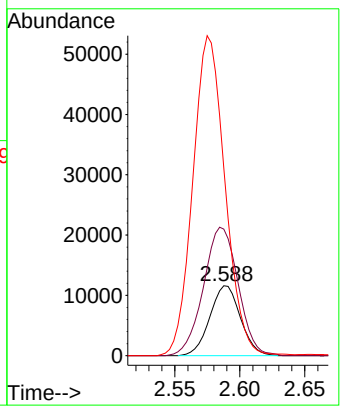


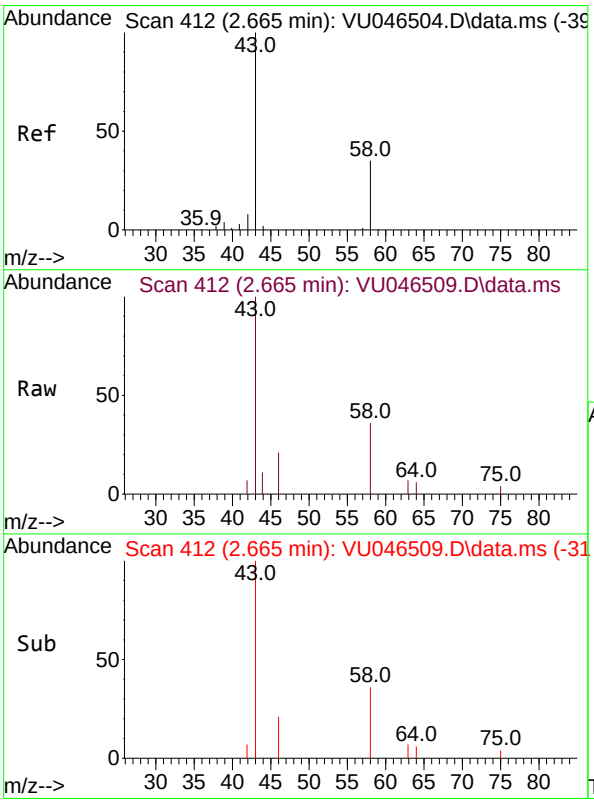


#12
1,1-Dichloroethene
Concen: 16.218 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

Tgt Ion: 96 Resp: 19016

Ion	Ratio	Lower	Upper
96	100		
61	180.9	118.6	220.2
63	268.3	93.0	172.8#

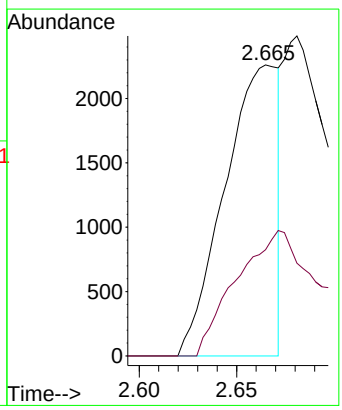


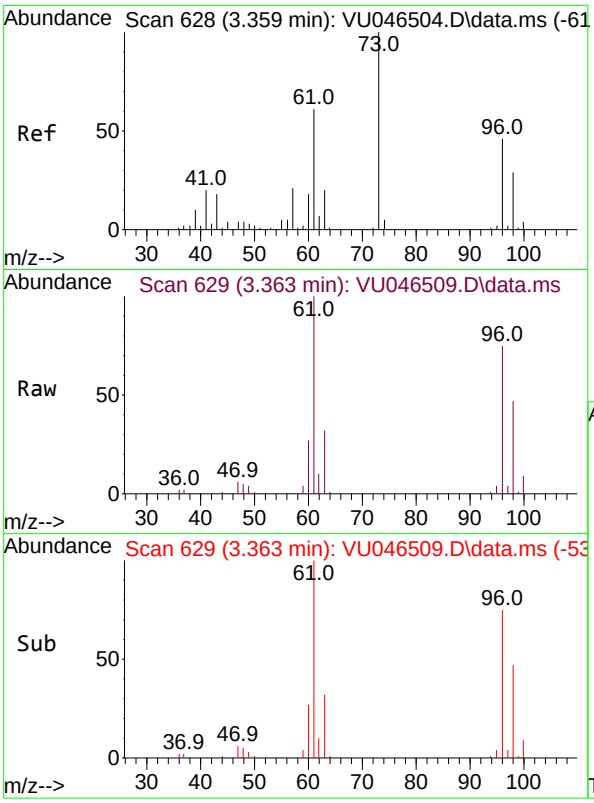


#13
Acetone
Concen: 3.111 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.000 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

Tgt Ion: 43 Resp: 4318

Ion	Ratio	Lower	Upper
43	100		
58	76.4	0.0	66.8#

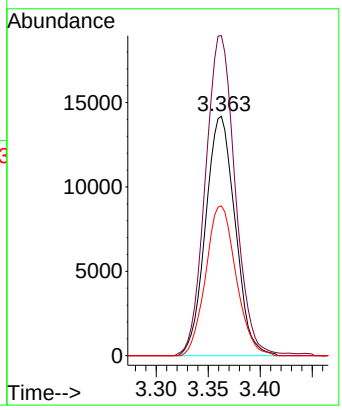


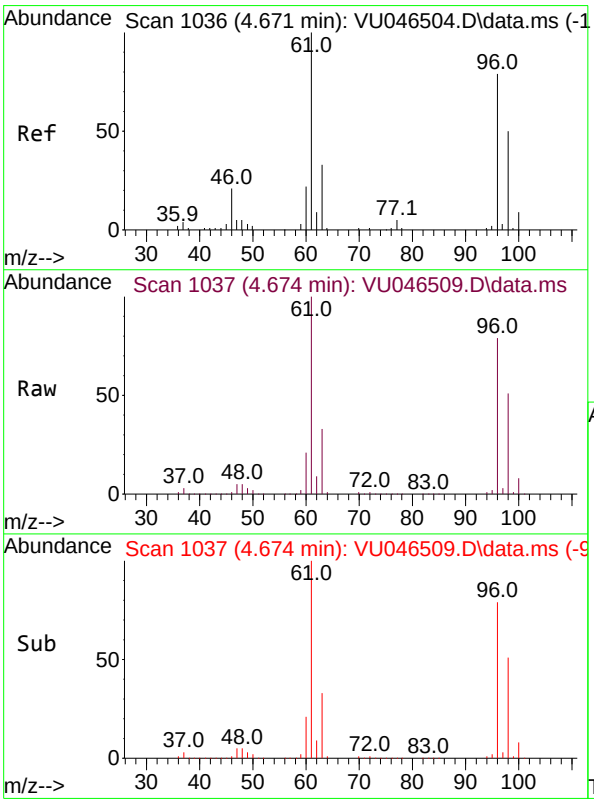


#17
trans-1,2-Dichloroethene
Concen: 22.633 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

Tgt Ion: 96 Resp: 28085

Ion	Ratio	Lower	Upper
96	100		
61	133.7	94.6	175.6
98	62.6	44.0	81.8

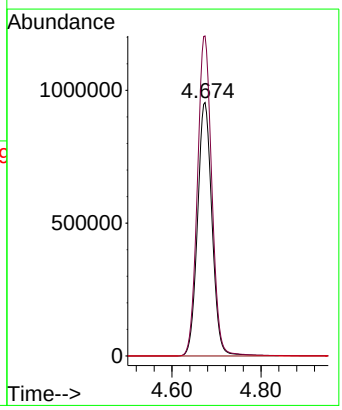


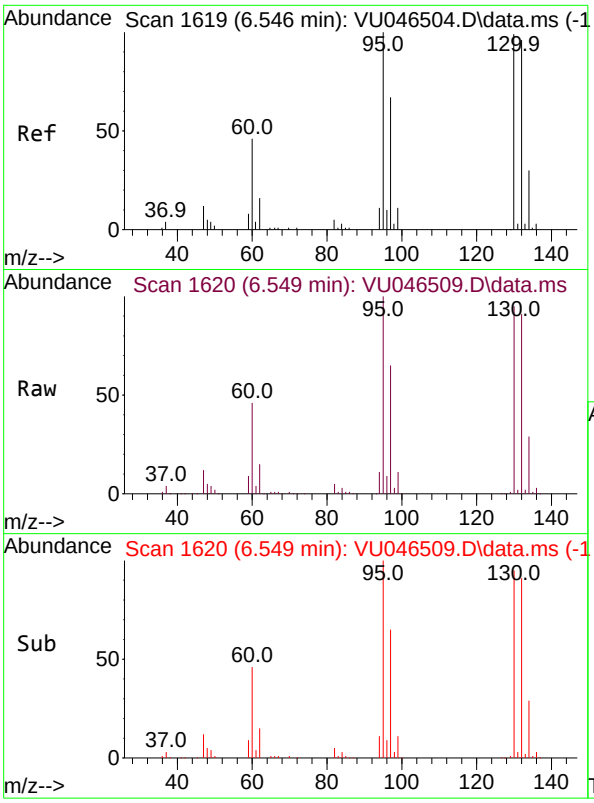


#20
cis-1,2-Dichloroethene
Concen: 1599.237 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

Tgt Ion: 96 Resp: 2153246

Ion	Ratio	Lower	Upper
96	100		
61	126.2	86.8	161.2
68	0.0	0.0	0.0

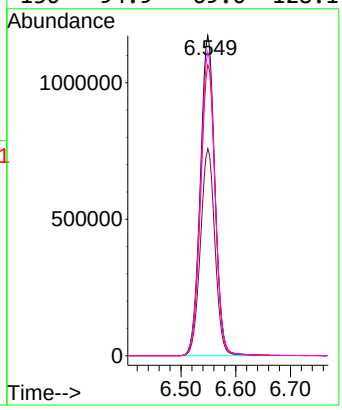


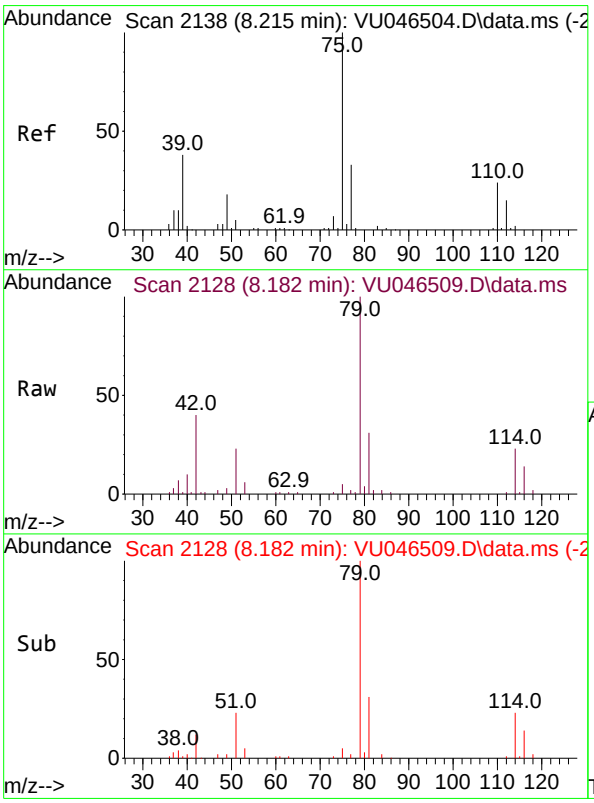


#34
Trichloroethene
Concen: 1603.462 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

Tgt Ion: 95 Resp: 2167153

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.1	81.9
132	90.9	66.8	124.0
130	94.9	69.0	128.1

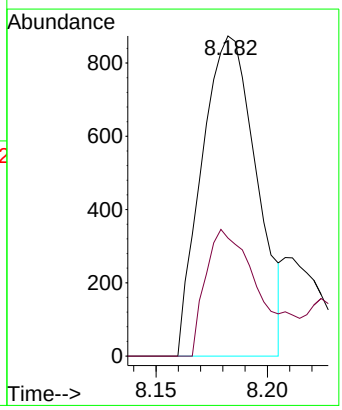


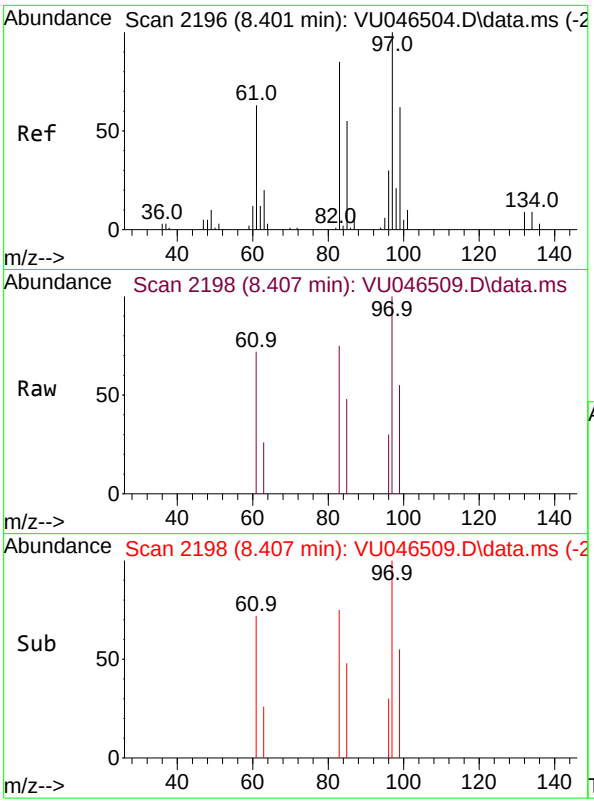


#44
trans-1,3-Dichloropropene
Concen: 0.744 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

Tgt Ion: 75 Resp: 1494

Ion	Ratio	Lower	Upper
75	100		
77	36.8	21.7	40.3

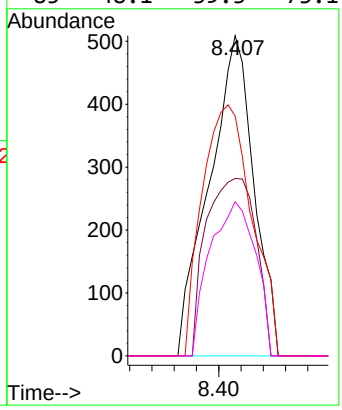


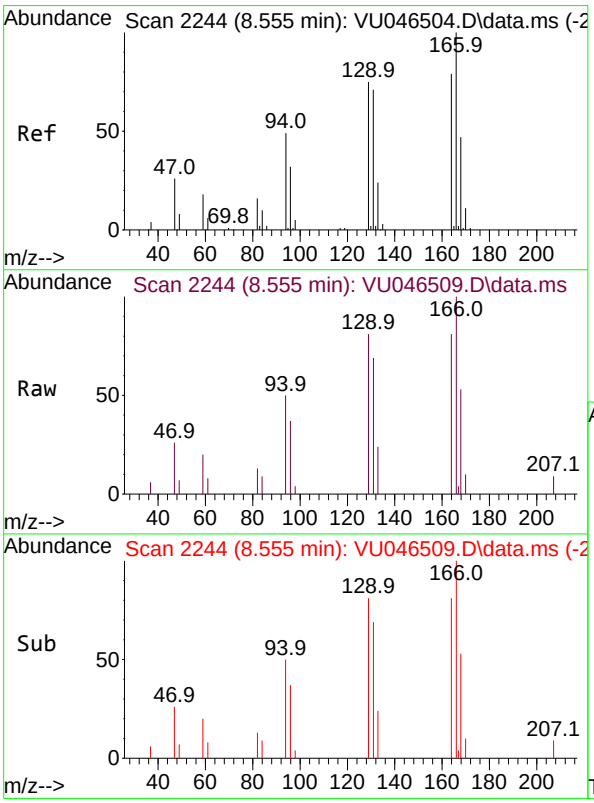


#45
1,1,2-Trichloroethane
Concen: 0.526 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

Tgt Ion: 97 Resp: 709

Ion	Ratio	Lower	Upper
97	100		
99	55.4	44.7	82.9
83	74.9	60.2	111.8
85	48.1	39.3	73.1





#46
Tetrachloroethene
Concen: 3.681 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046509.D
Acq: 20 Dec 2021 14:56

Tgt Ion:164 Resp: 3656

Ion	Ratio	Lower	Upper
164	100		
129	100.6	71.1	132.1
131	85.3	67.8	126.0
166	123.6	90.6	168.2