Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
Data File : VU046516.D
Acq On : 20 Dec 2021 17:37
Operator : SY/MD
Sample : M5150-27
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 21 00:17:24 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	158226	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	157282	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79519	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	57120	43.824	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.640%			
7) Chloroethane-d5	1.919	69	41935	41.904	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.800%			
11) 1,1-Dichloroethene-d2	2.575	63	72749	31.092	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.180%			
21) 2-Butanone-d5	4.642	46	82921	80.030	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.030%			
24) Chloroform-d	5.067	84	97959	45.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.020%			
26) 1,2-Dichloroethane-d4	5.707	65	66265	45.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.720%			
32) Benzene-d6	5.729	84	196797	43.655	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.320%			
36) 1,2-Dichloropropane-d6	6.694	67	59260	42.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.840%			
41) Toluene-d8	7.899	98	170930	41.645	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.280%			
43) trans-1,3-Dichloroprop...	8.179	79	28610	42.421	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.840%			
47) 2-Hexanone-d5	8.636	63	62352	94.128	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.130%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	88932	41.974	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.940%			
66) 1,2-Dichlorobenzene-d4	12.192	152	67200	43.882	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.760%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	597	0.519	ug/L #	21
27) 1,2-Dichloroethane	5.729	62	973	0.561	ug/L #	73
34) Trichloroethene	6.546	95	4116	3.282	ug/L	96
35) Methylcyclohexane	6.694	83	15313	7.875	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	6663	5.343	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1737	0.916	ug/L #	73
44) trans-1,3-Dichloropropene	8.182	75	1347	0.723	ug/L	92
60) 1,2,3-Trichloropropane	11.812	75	9367	5.374	ug/L #	64

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

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Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
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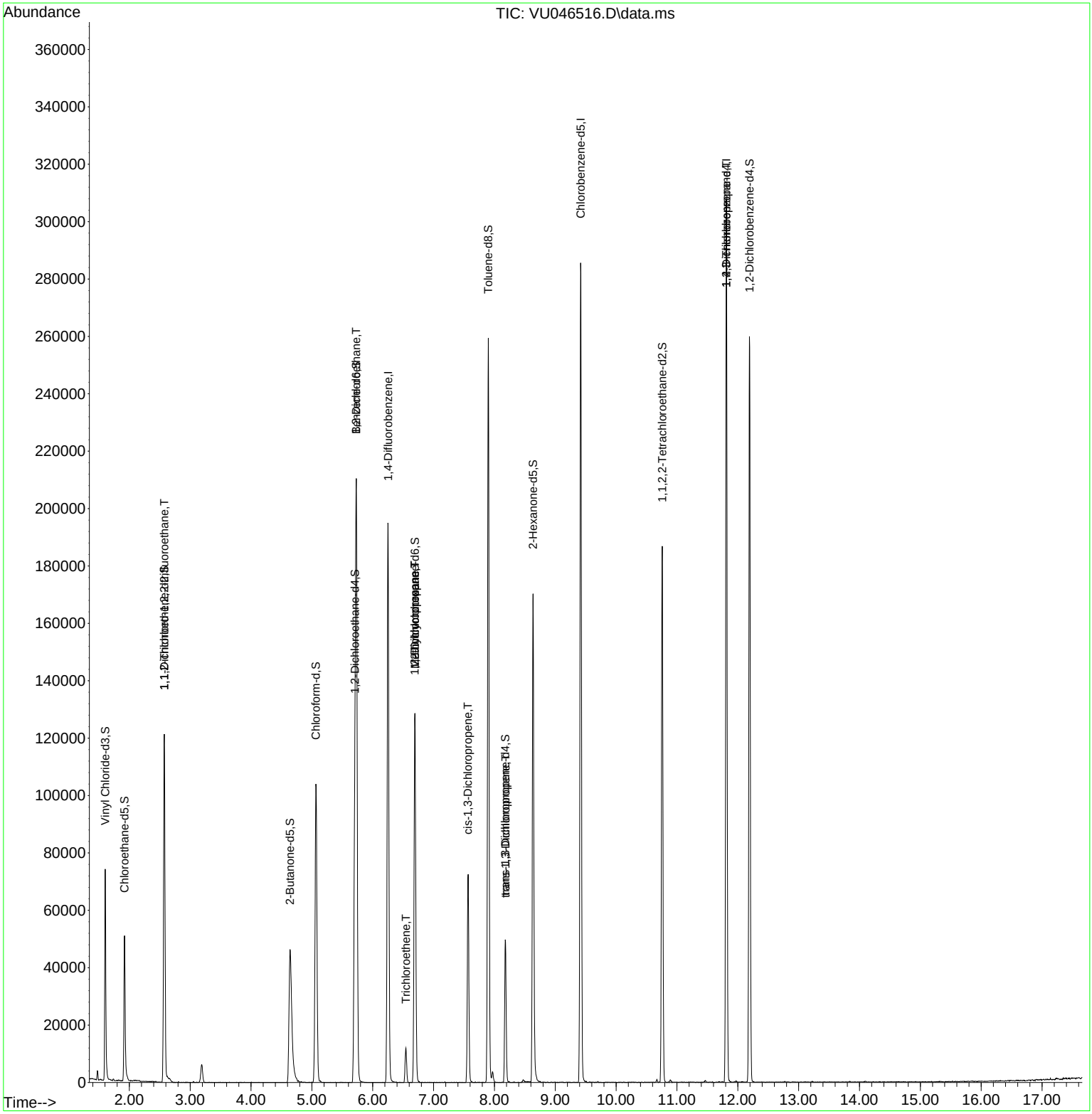
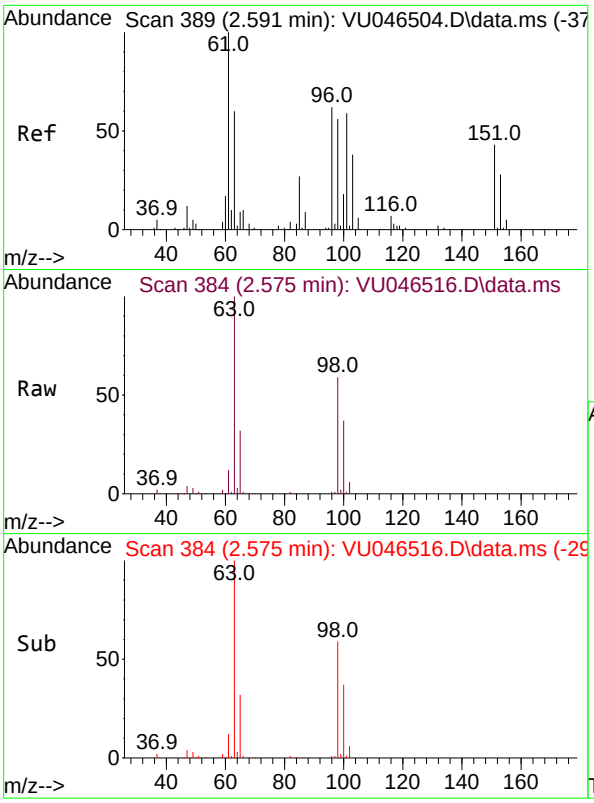
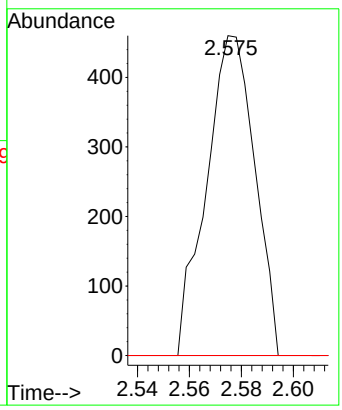


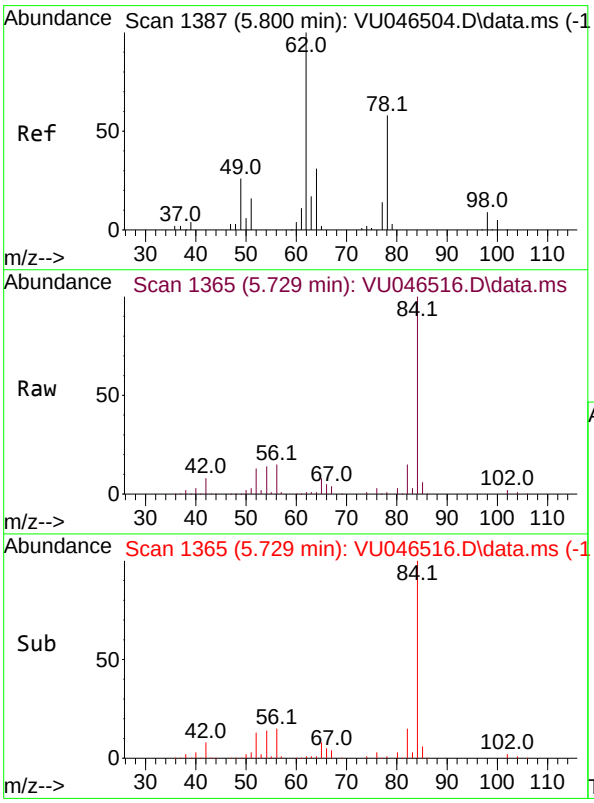


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.519 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046516.D
Acq: 20 Dec 2021 17:37

Tgt Ion:101 Resp: 597

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

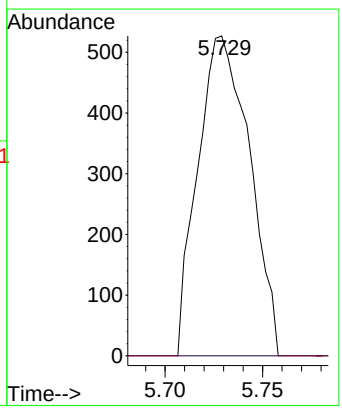


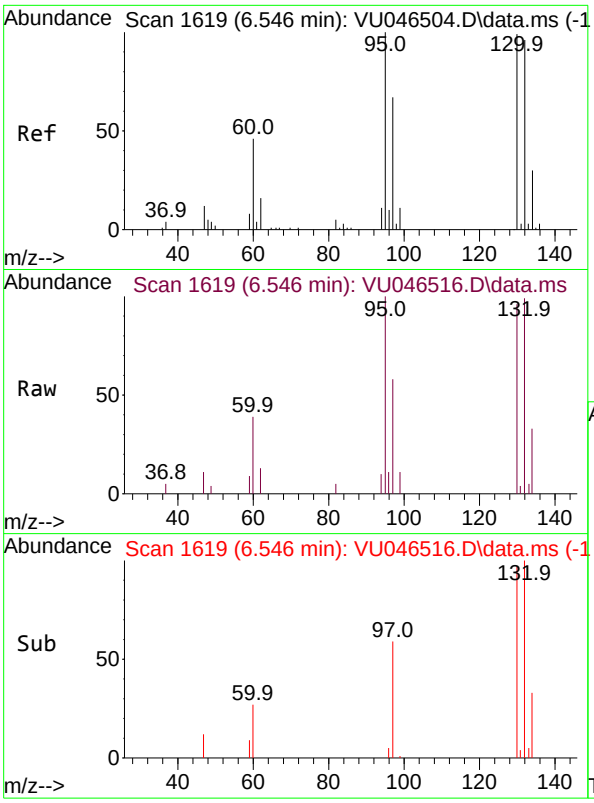


#27
1,2-Dichloroethane
Concen: 0.561 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.071 min
Lab File: VU046516.D
Acq: 20 Dec 2021 17:37

Tgt Ion: 62 Resp: 973

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#

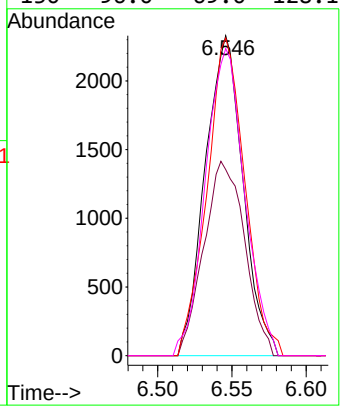


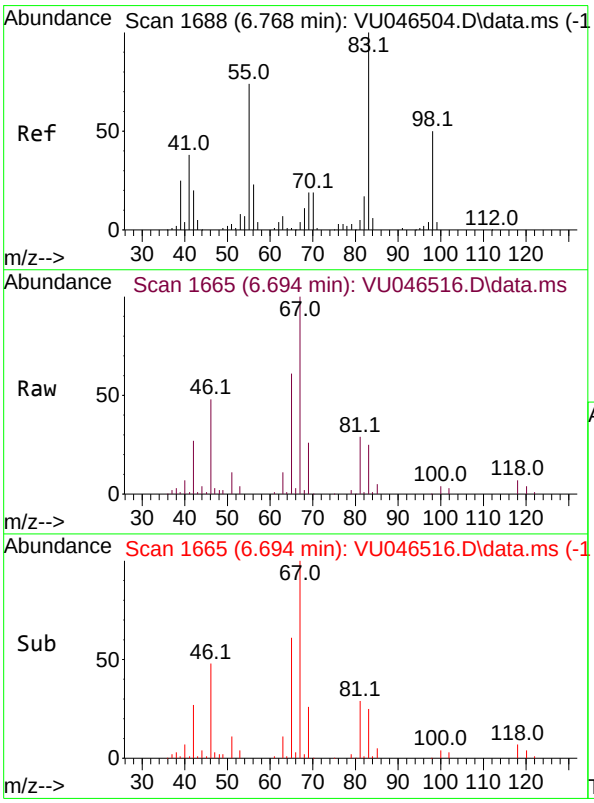


#34
Trichloroethene
Concen: 3.282 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046516.D
Acq: 20 Dec 2021 17:37

Tgt Ion: 95 Resp: 4116

Ion	Ratio	Lower	Upper
95	100		
97	58.1	44.1	81.9
132	99.2	66.8	124.0
130	96.0	69.0	128.1

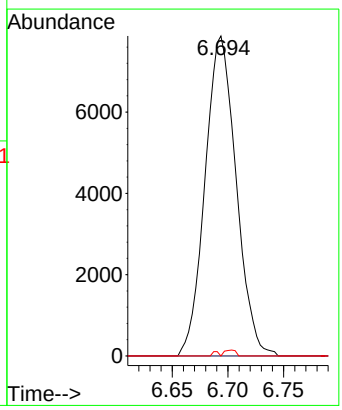


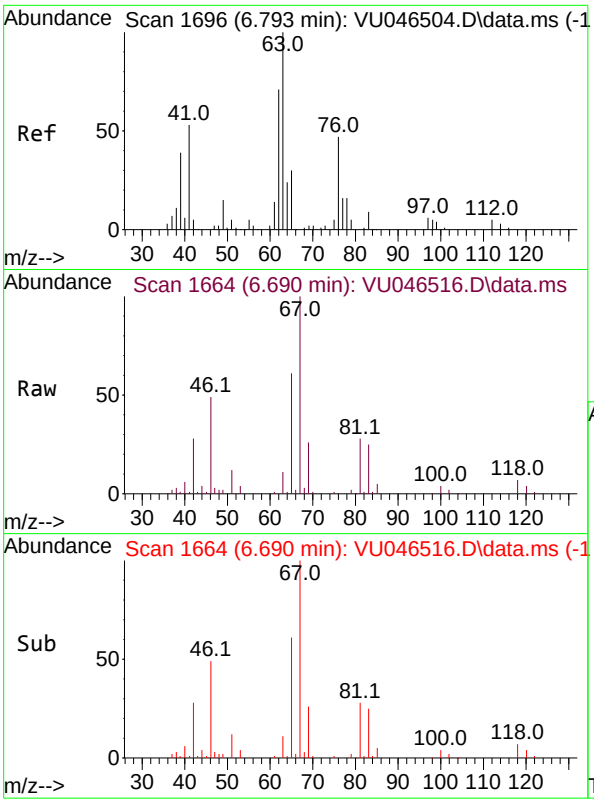


#35
Methylcyclohexane
Concen: 7.875 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046516.D
Acq: 20 Dec 2021 17:37

Tgt Ion: 83 Resp: 15313

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.3	38.4	57.6#

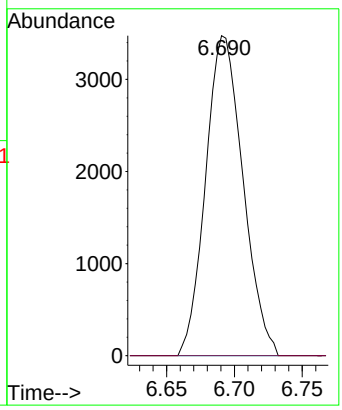


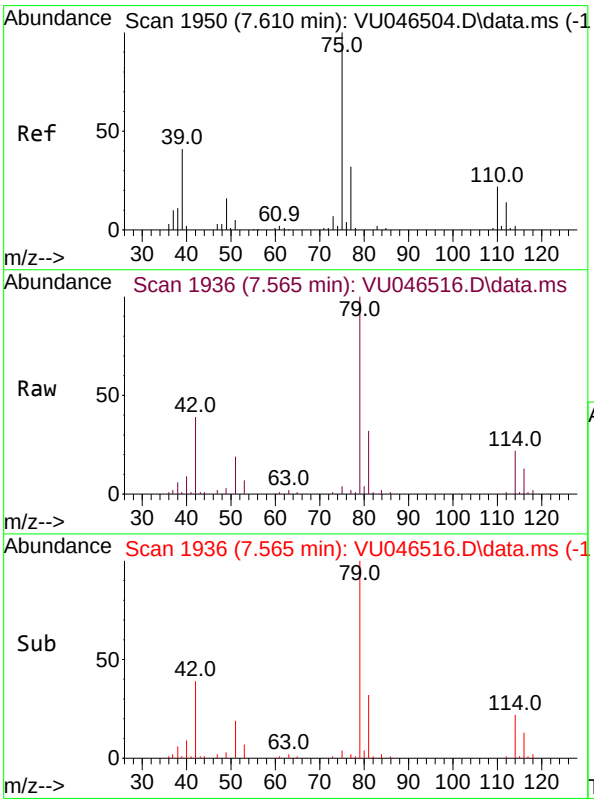


#37
1,2-Dichloropropane
Concen: 5.343 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU046516.D
Acq: 20 Dec 2021 17:37

Tgt Ion: 63 Resp: 6663

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

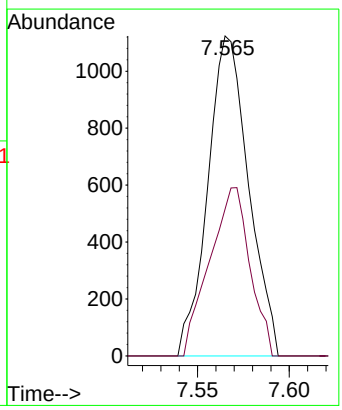


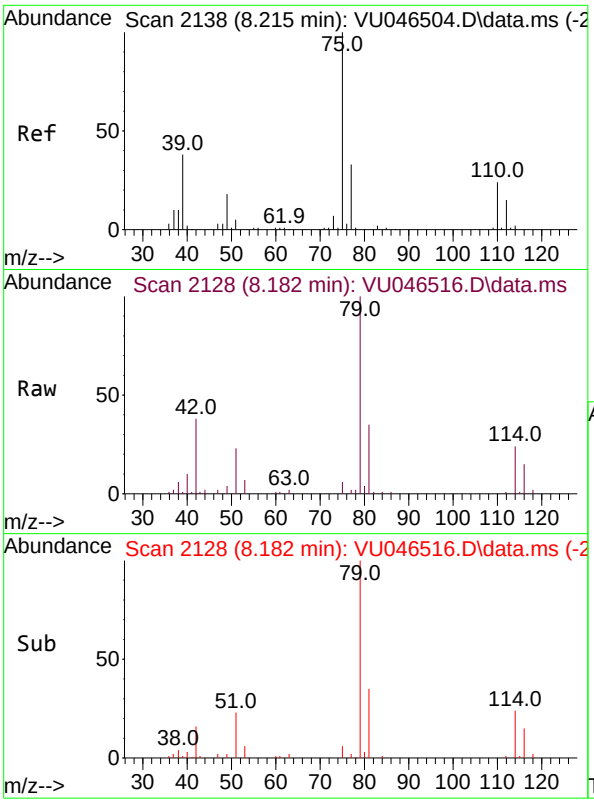


#39
cis-1,3-Dichloropropene
Concen: 0.916 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU046516.D
Acq: 20 Dec 2021 17:37

Tgt Ion: 75 Resp: 1737

Ion	Ratio	Lower	Upper
75	100		
77	45.9	21.8	40.6#

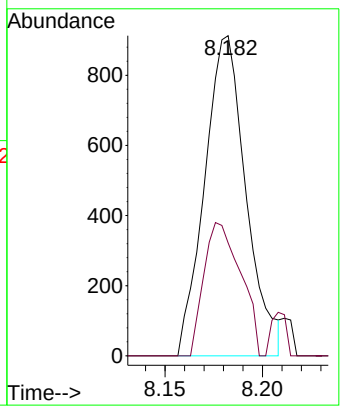


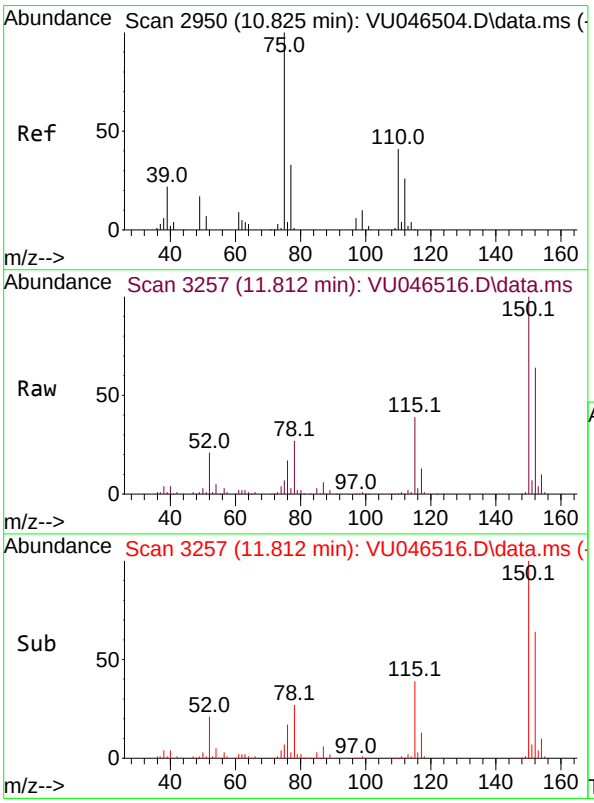


#44
trans-1,3-Dichloropropene
Concen: 0.723 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU046516.D
Acq: 20 Dec 2021 17:37

Tgt Ion: 75 Resp: 1347

Ion	Ratio	Lower	Upper
75	100		
77	35.3	21.7	40.3





#60
1,2,3-Trichloropropane
Concen: 5.374 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046516.D
Acq: 20 Dec 2021 17:37

Tgt Ion: 75 Resp: 9367

Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.4	39.6
110	2.1	32.4	48.6#