Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
Data File : VU046517.D
Acq On : 20 Dec 2021 18:00
Operator : SY/MD
Sample : M5153-12RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 21 00:17:35 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	135252	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	138750	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	47641	42.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.520%			
7) Chloroethane-d5	1.919	69	35491	41.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.980%			
11) 1,1-Dichloroethene-d2	2.575	63	61336	30.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.340%			
21) 2-Butanone-d5	4.645	46	71034	80.202	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.200%			
24) Chloroform-d	5.067	84	82063	44.107	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.220%			
26) 1,2-Dichloroethane-d4	5.703	65	55370	44.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.680%			
32) Benzene-d6	5.732	84	162431	40.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.680%			
36) 1,2-Dichloropropane-d6	6.693	67	49664	40.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.600%			
41) Toluene-d8	7.899	98	140438	38.786	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.580%#			
43) trans-1,3-Dichloroprop...	8.182	79	24572	41.300	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.600%			
47) 2-Hexanone-d5	8.636	63	52177	89.288	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.290%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	74976	40.113	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 80.220%			
66) 1,2-Dichlorobenzene-d4	12.195	152	54521	41.890	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.780%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	414	0.421	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	436	0.466	ug/L #	1
13) Acetone	2.668	43	2626	2.372	ug/L	82
27) 1,2-Dichloroethane	5.726	62	599	0.404	ug/L #	73
35) Methylcyclohexane	6.693	83	12393	7.225	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5834	5.303	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1484	0.887	ug/L #	74
44) trans-1,3-Dichloropropene	8.182	75	1110	0.675	ug/L	91
60) 1,2,3-Trichloropropane	11.812	75	7899	5.332	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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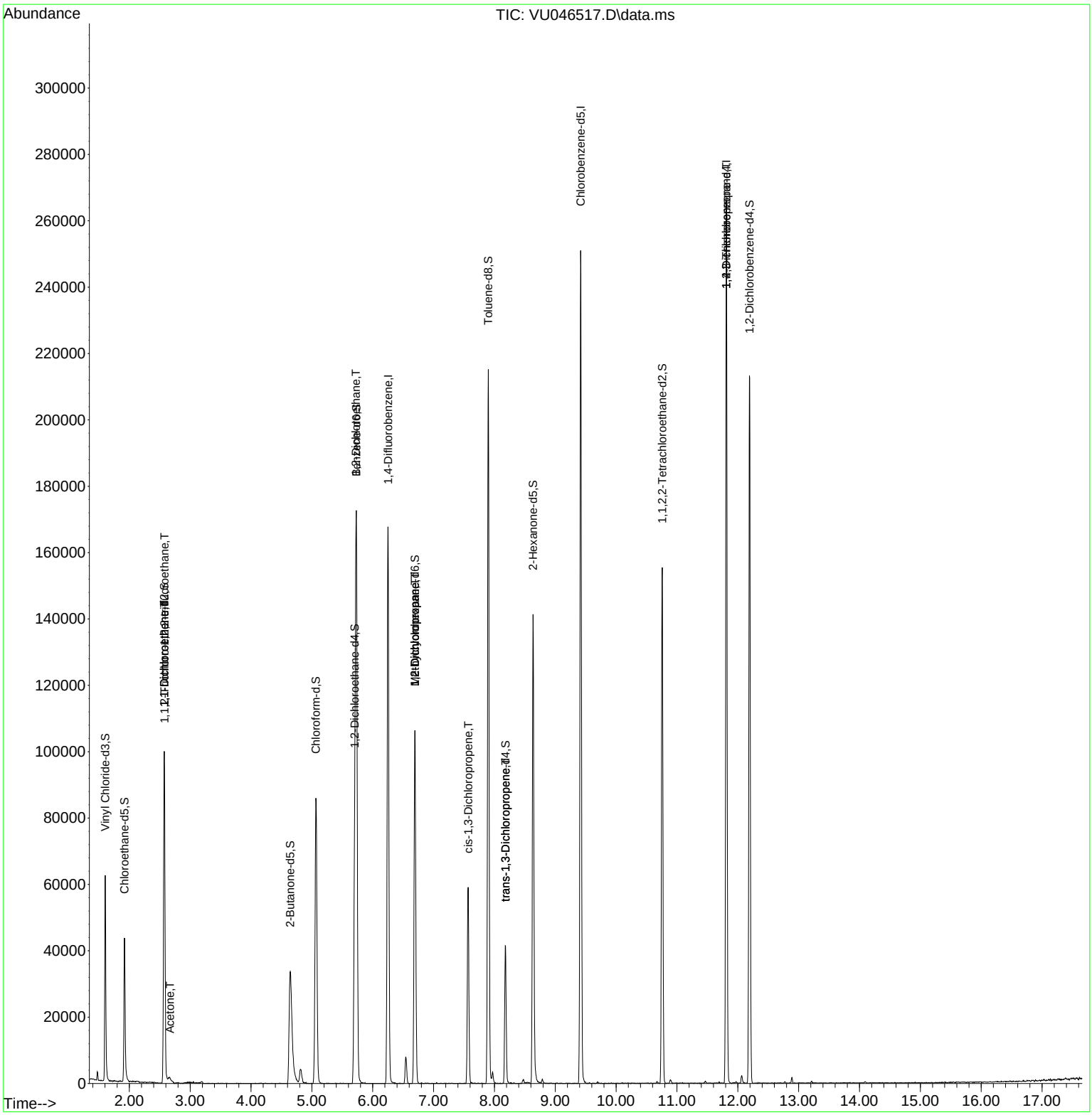
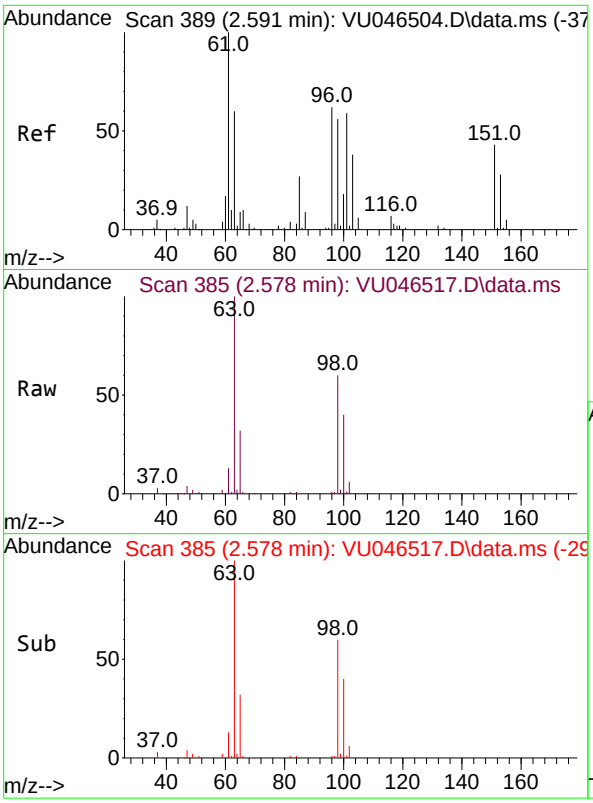
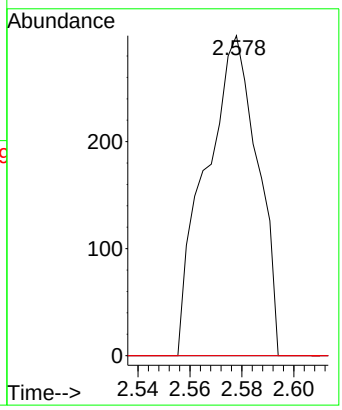


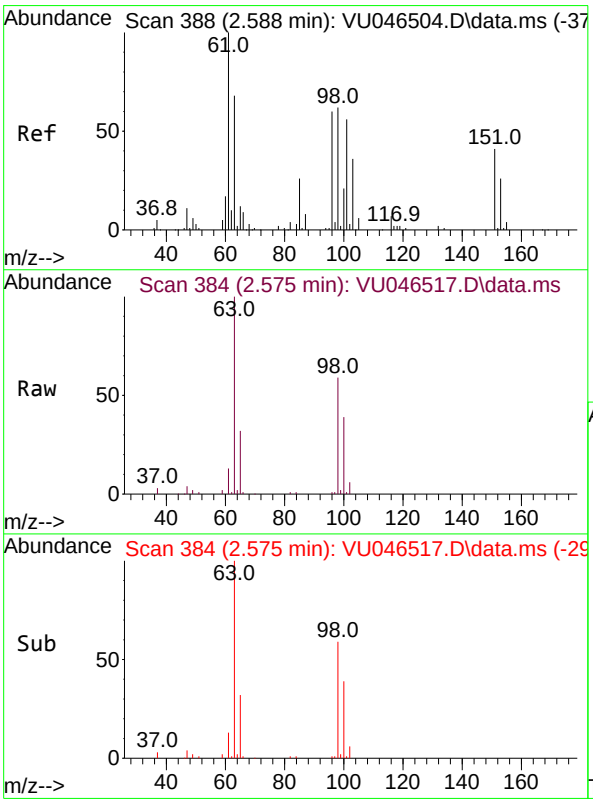


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.421 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU046517.D
Acq: 20 Dec 2021 18:00

Tgt Ion:101 Resp: 414

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

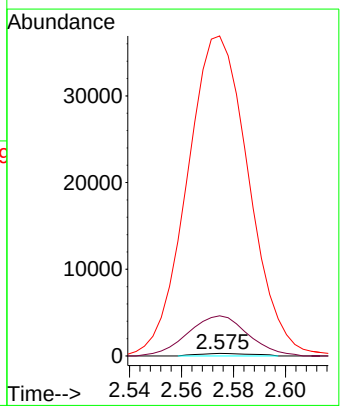


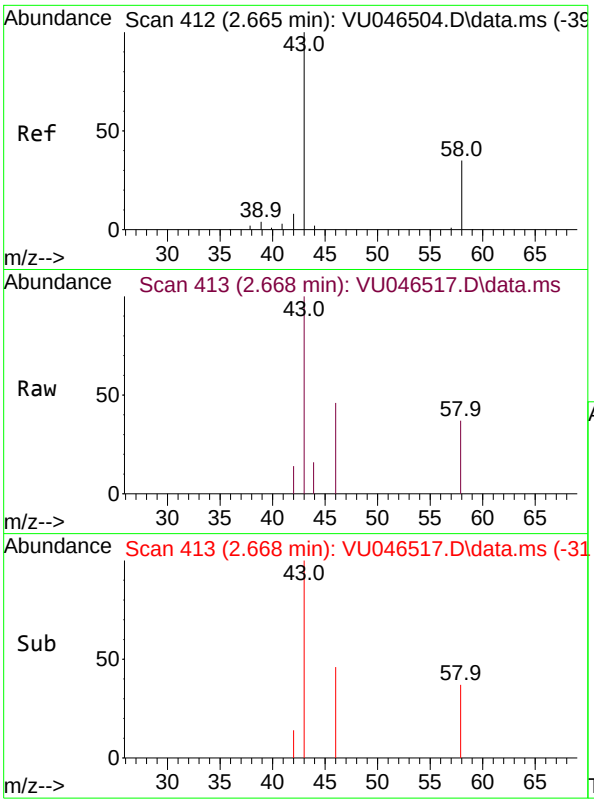


#12
1,1-Dichloroethene
Concen: 0.466 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046517.D
Acq: 20 Dec 2021 18:00

Tgt Ion: 96 Resp: 436

Ion	Ratio	Lower	Upper
96	100		
61	1590.4	118.6	220.2#
63	12684.5	93.0	172.8#

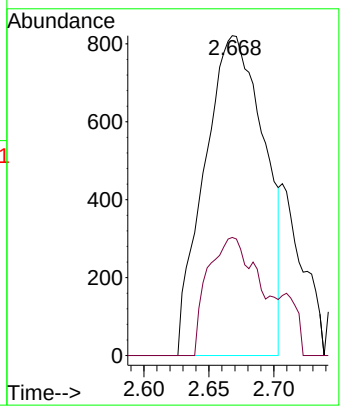


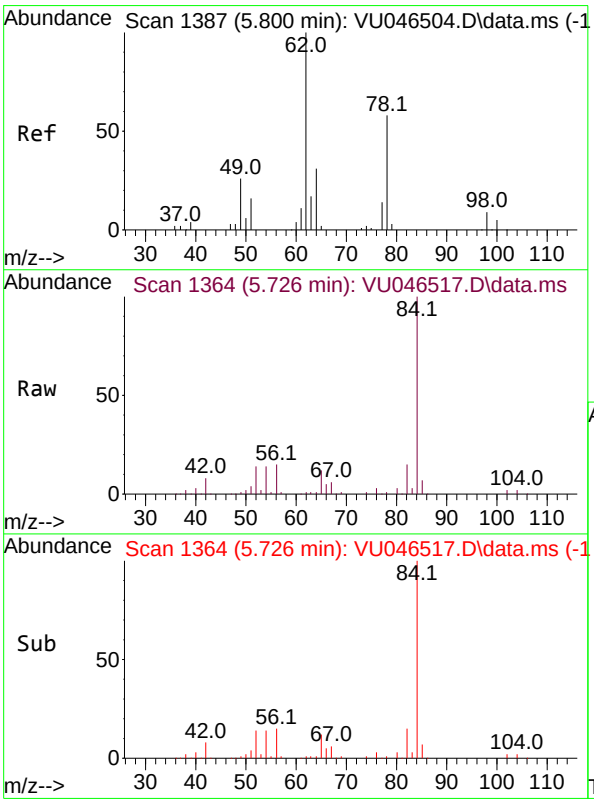


#13
Acetone
Concen: 2.372 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU046517.D
Acq: 20 Dec 2021 18:00

Tgt Ion: 43 Resp: 2626

Ion	Ratio	Lower	Upper
43	100		
58	23.4	0.0	66.8

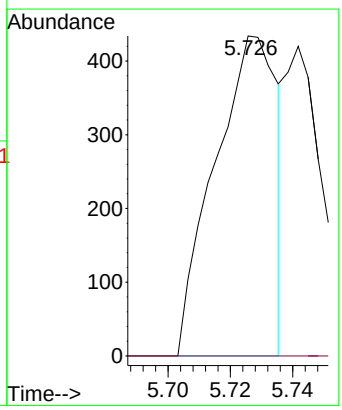


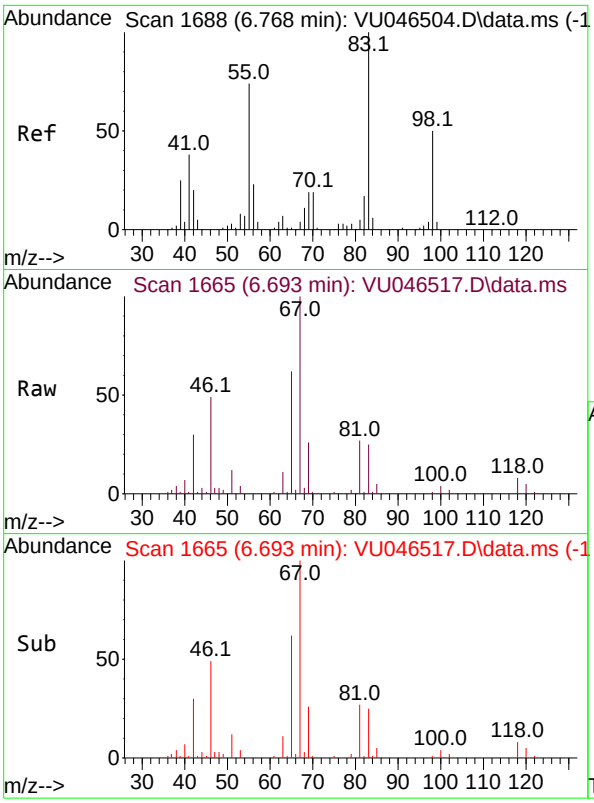


#27
1,2-Dichloroethane
Concen: 0.404 ug/L
RT: 5.726 min Scan# 1364
Delta R.T. -0.074 min
Lab File: VU046517.D
Acq: 20 Dec 2021 18:00

Tgt Ion: 62 Resp: 599

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#

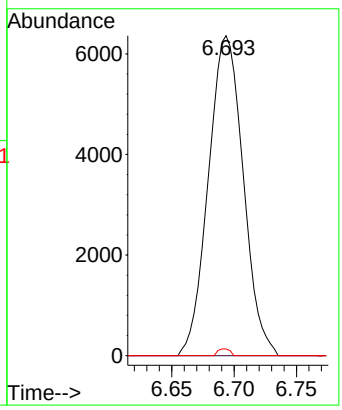


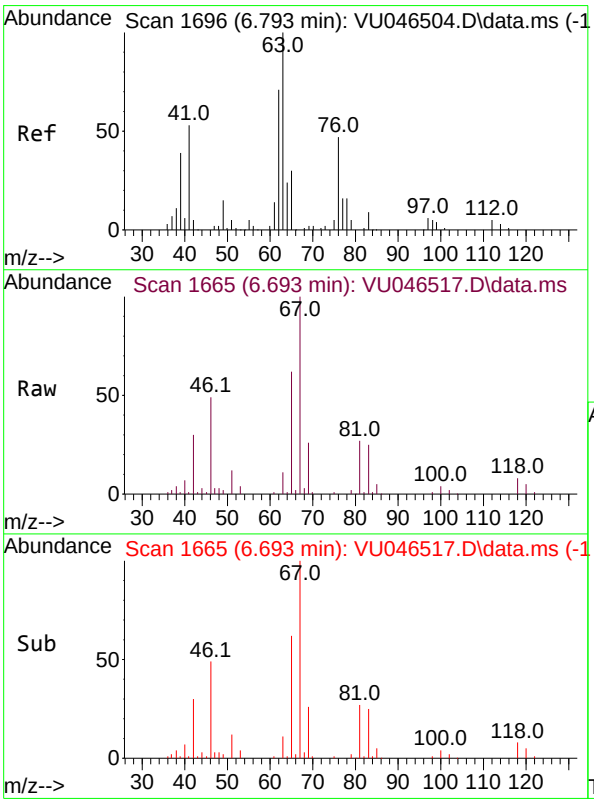


#35
Methylcyclohexane
Concen: 7.225 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046517.D
Acq: 20 Dec 2021 18:00

Tgt Ion: 83 Resp: 12393

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.7	38.4	57.6#

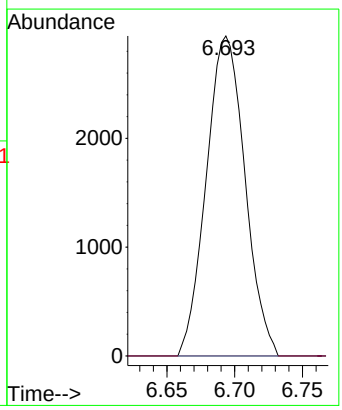


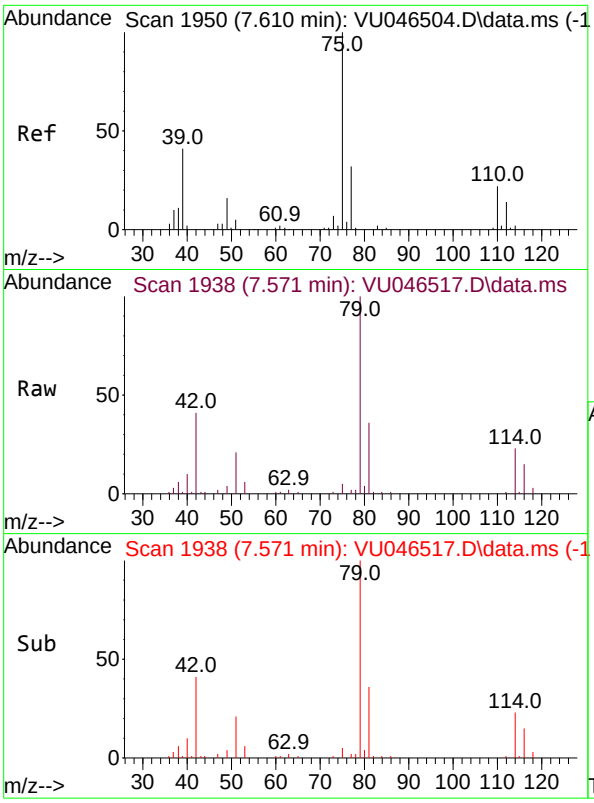


#37
1,2-Dichloropropane
Concen: 5.303 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046517.D
Acq: 20 Dec 2021 18:00

Tgt Ion: 63 Resp: 5834

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

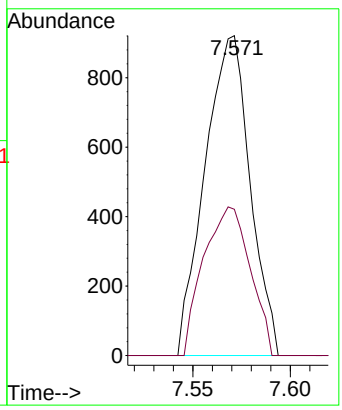


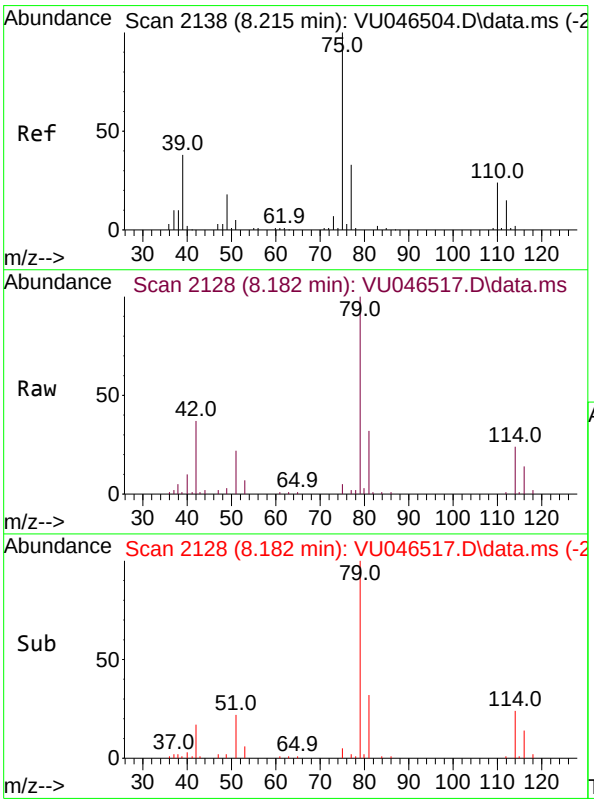


#39
cis-1,3-Dichloropropene
Concen: 0.887 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU046517.D
Acq: 20 Dec 2021 18:00

Tgt Ion: 75 Resp: 1484

Ion	Ratio	Lower	Upper
75	100		
77	45.7	21.8	40.6#

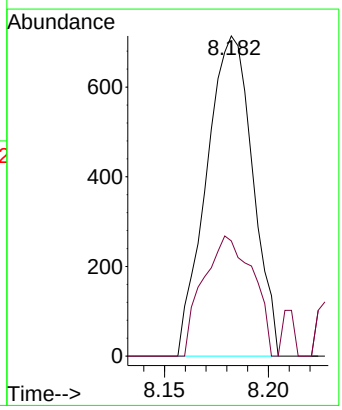


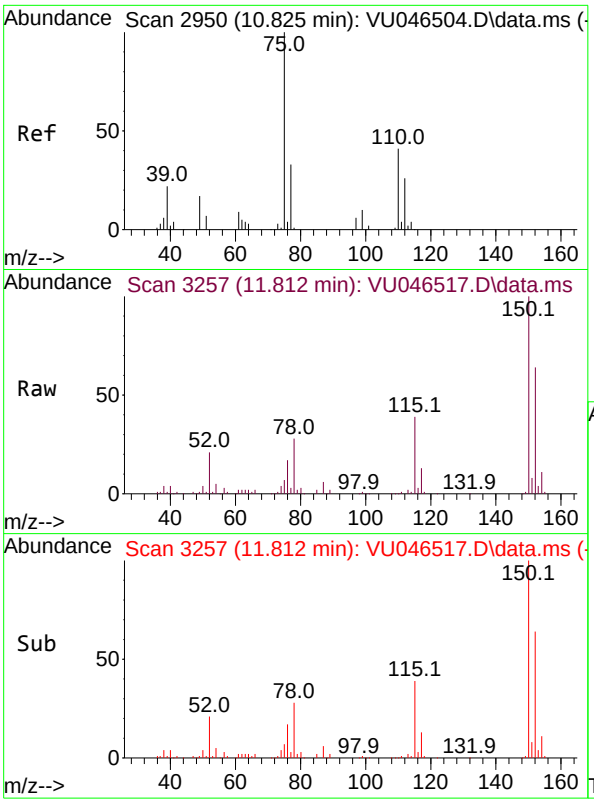


#44
trans-1,3-Dichloropropene
Concen: 0.675 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU046517.D
Acq: 20 Dec 2021 18:00

Tgt Ion: 75 Resp: 1110

Ion	Ratio	Lower	Upper
75	100		
77	36.0	21.7	40.3





#60
1,2,3-Trichloropropane
Concen: 5.332 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046517.D
Acq: 20 Dec 2021 18:00

Tgt Ion: 75 Resp: 7899

Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.4	39.6
110	2.3	32.4	48.6#