Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
Data File : VU046518.D
Acq On : 20 Dec 2021 18:22
Operator : SY/MD
Sample : M5154-11RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 21 00:17:47 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	134707	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	138477	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68556	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	47751	43.033	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.060%			
7) Chloroethane-d5	1.919	69	36093	42.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.720%			
11) 1,1-Dichloroethene-d2	2.575	63	61242	30.744	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.480%			
21) 2-Butanone-d5	4.642	46	69370	78.640	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 78.640%			
24) Chloroform-d	5.067	84	83734	45.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.380%			
26) 1,2-Dichloroethane-d4	5.703	65	55648	44.747	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.500%			
32) Benzene-d6	5.732	84	164604	41.472	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.940%			
36) 1,2-Dichloropropane-d6	6.694	67	49955	40.612	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.220%			
41) Toluene-d8	7.899	98	142531	39.441	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.880%#			
43) trans-1,3-Dichloroprop...	8.179	79	24607	41.441	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.880%			
47) 2-Hexanone-d5	8.636	63	51086	87.593	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.590%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	74956	40.182	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 80.360%			
66) 1,2-Dichlorobenzene-d4	12.192	152	55605	42.117	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.240%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	479	0.489	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	426	0.457	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	831	0.562	ug/L #	73
35) Methylcyclohexane	6.694	83	12724	7.432	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	5771	5.256	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1551	0.929	ug/L #	67
44) trans-1,3-Dichloropropene	8.182	75	1116	0.680	ug/L #	80
60) 1,2,3-Trichloropropane	11.812	75	8105	5.393	ug/L #	65

(#) = 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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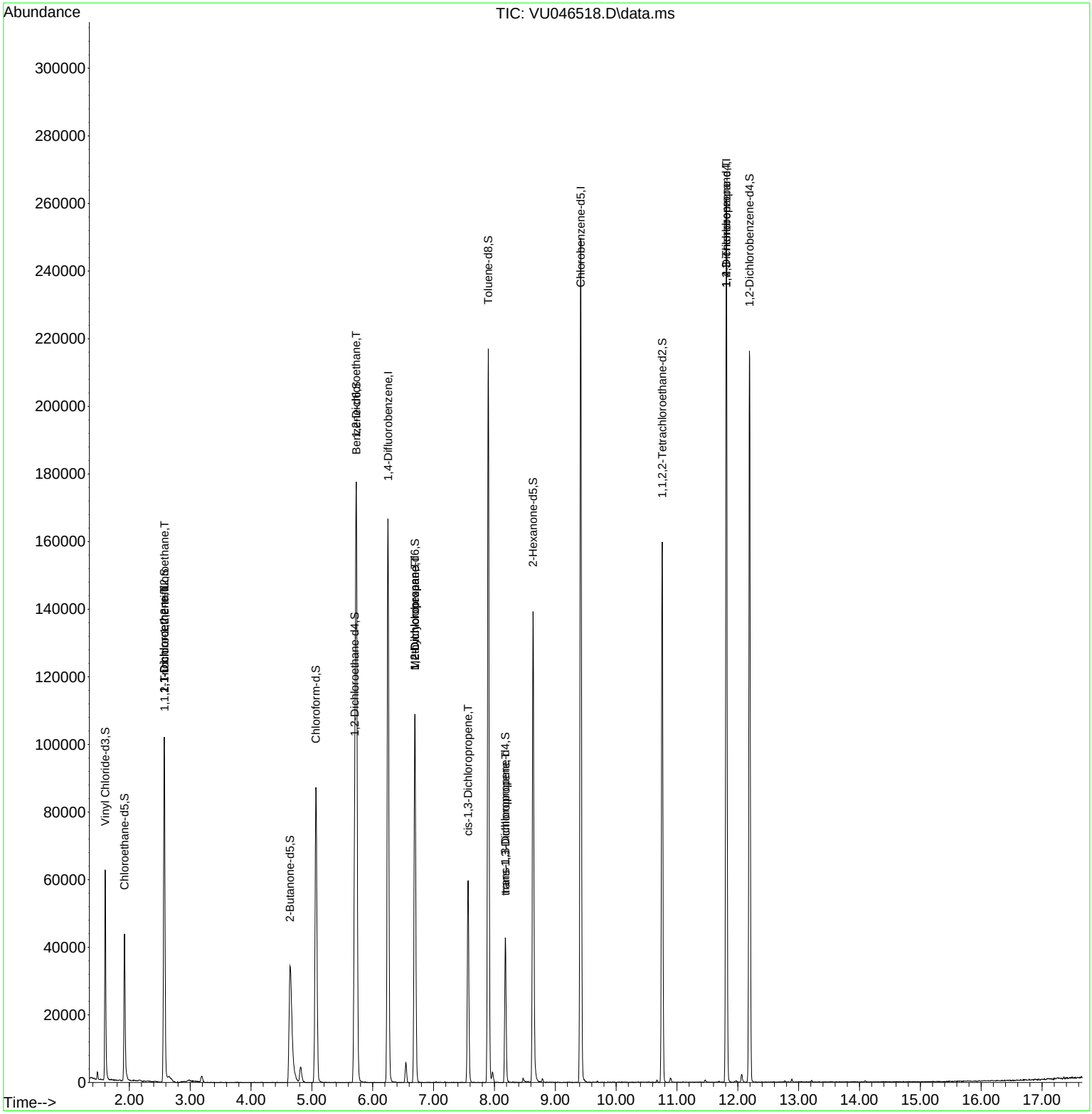
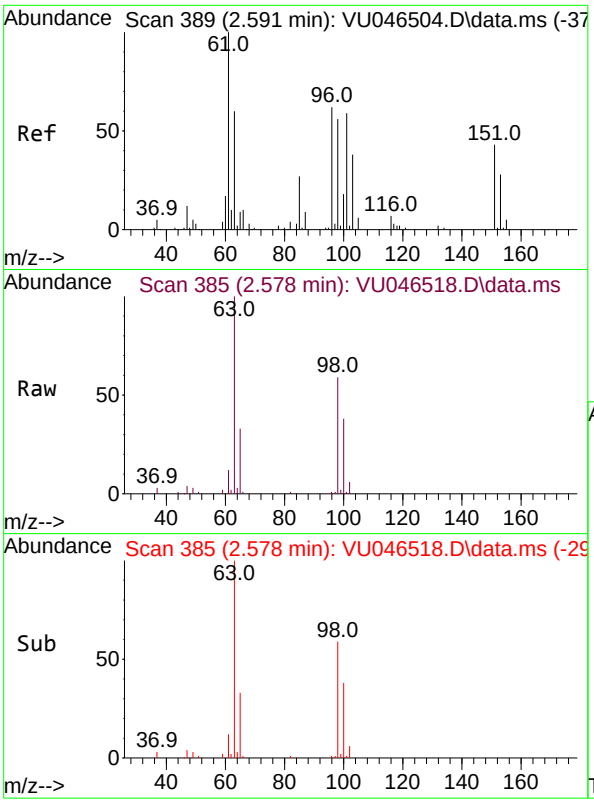
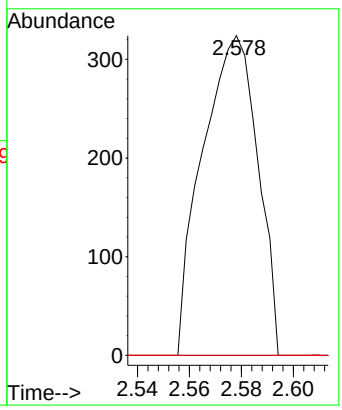


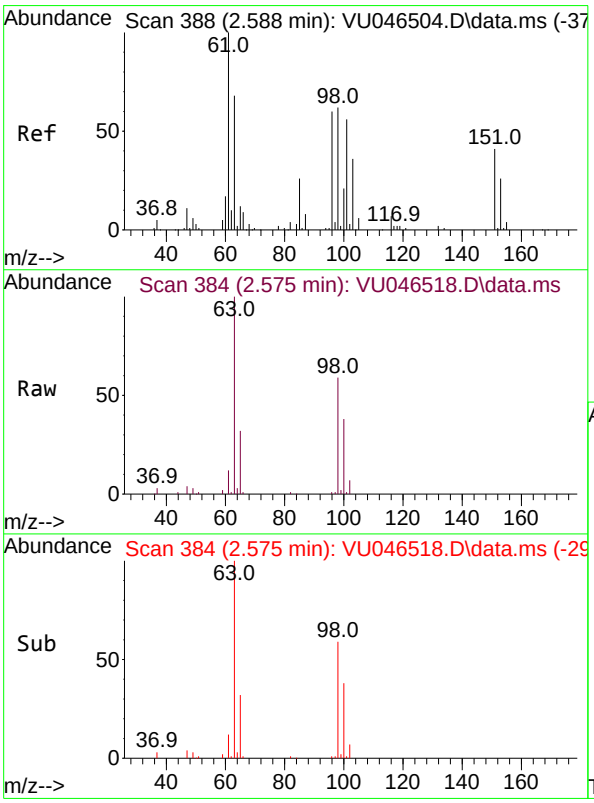


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.489 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.009 min
Lab File: VU046518.D
Acq: 20 Dec 2021 18:22

Tgt Ion:101 Resp: 479

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

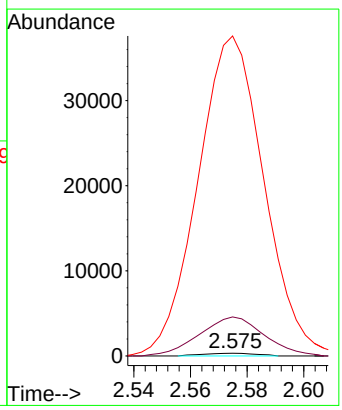


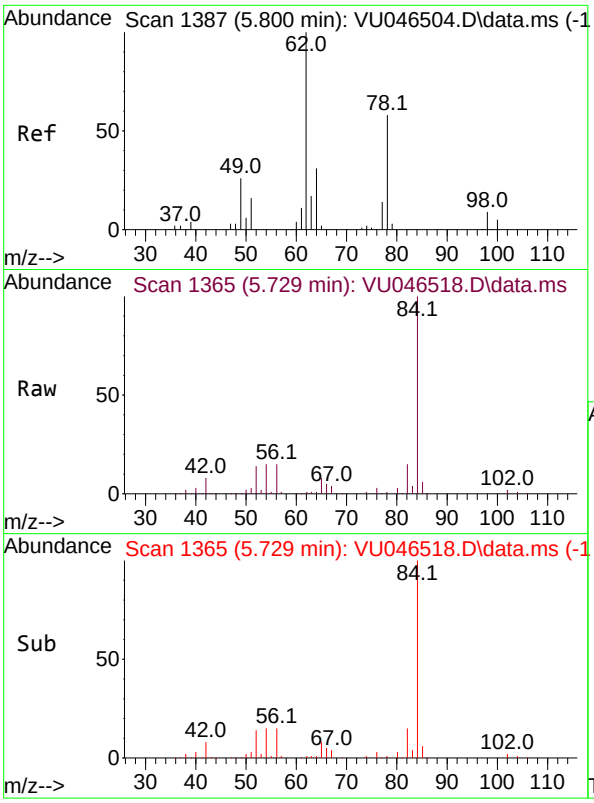


#12
1,1-Dichloroethene
Concen: 0.457 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046518.D
Acq: 20 Dec 2021 18:22

Tgt Ion: 96 Resp: 426

Ion	Ratio	Lower	Upper
96	100		
61	1418.9	118.6	220.2#
63	11638.4	93.0	172.8#

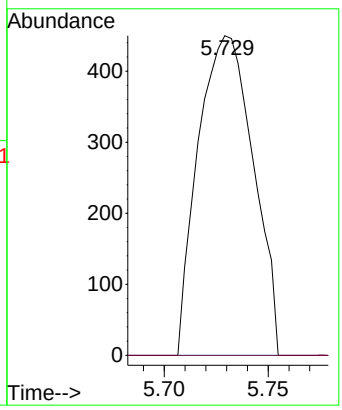


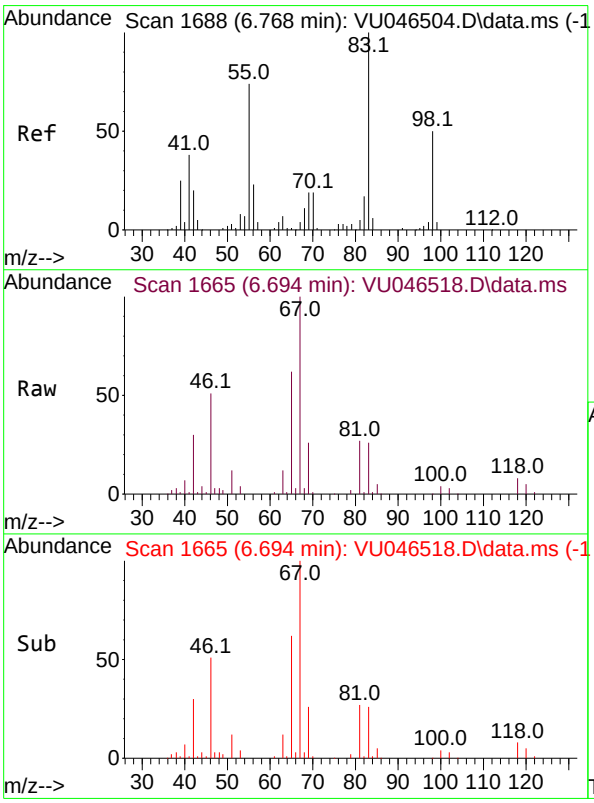


#27
1,2-Dichloroethane
Concen: 0.562 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.071 min
Lab File: VU046518.D
Acq: 20 Dec 2021 18:22

Tgt Ion: 62 Resp: 831

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#

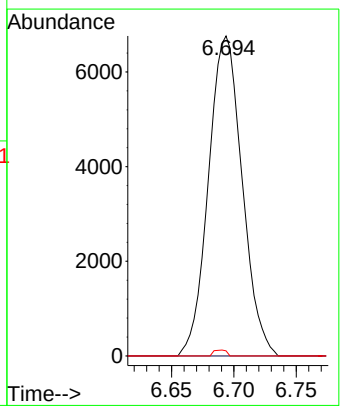


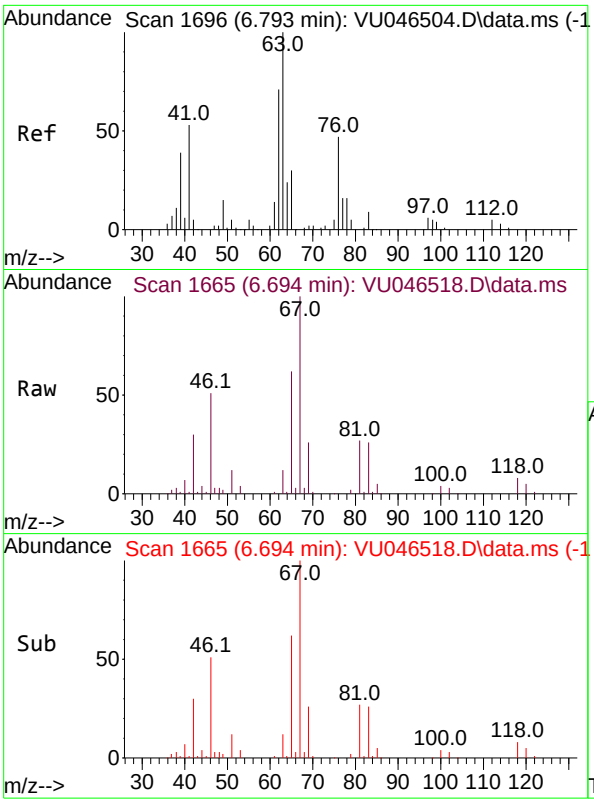


#35
Methylcyclohexane
Concen: 7.432 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046518.D
Acq: 20 Dec 2021 18:22

Tgt Ion: 83 Resp: 12724

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

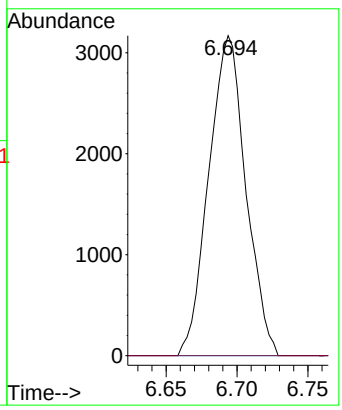


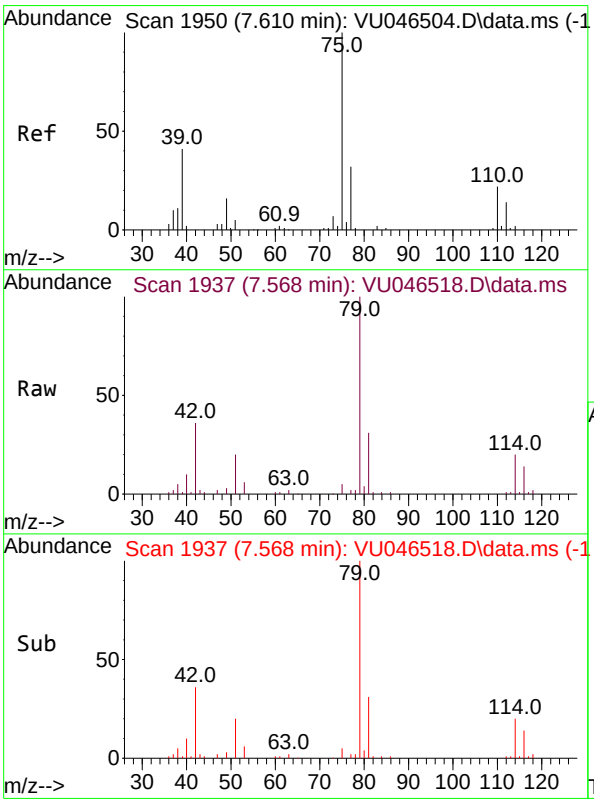


#37
1,2-Dichloropropane
Concen: 5.256 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.099 min
Lab File: VU046518.D
Acq: 20 Dec 2021 18:22

Tgt Ion: 63 Resp: 5771

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

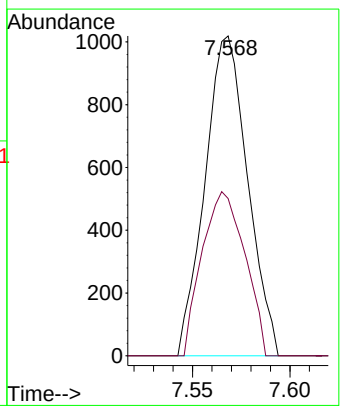


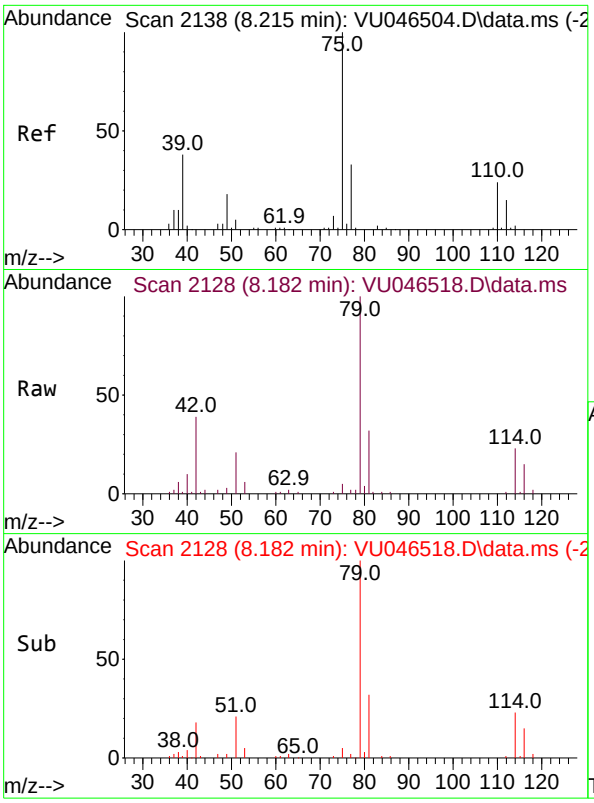


#39
cis-1,3-Dichloropropene
Concen: 0.929 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046518.D
Acq: 20 Dec 2021 18:22

Tgt Ion: 75 Resp: 1551

Ion	Ratio	Lower	Upper
75	100		
77	49.2	21.8	40.6#

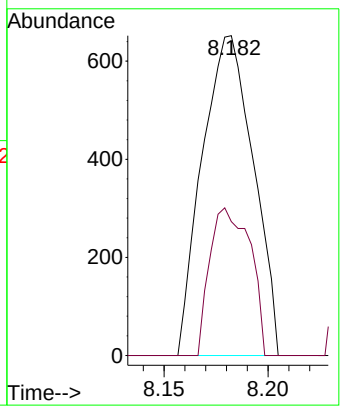


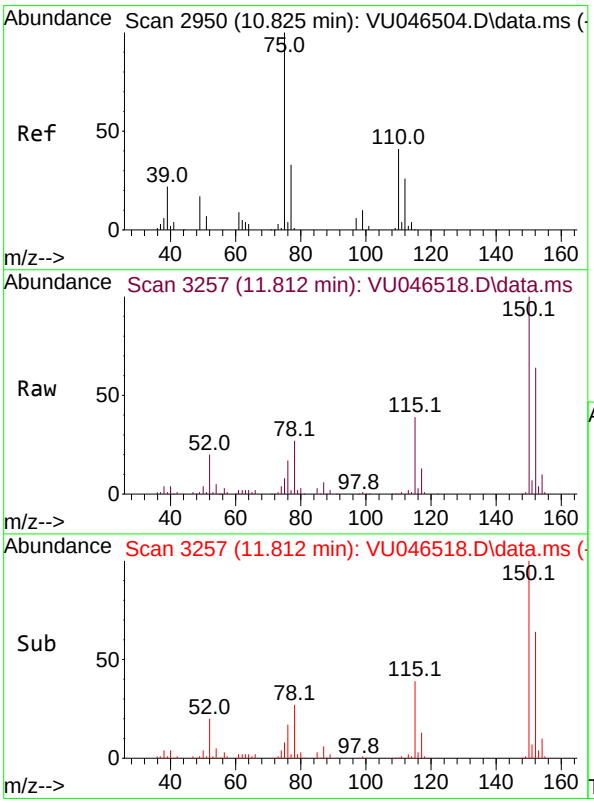


#44
trans-1,3-Dichloropropene
Concen: 0.680 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU046518.D
Acq: 20 Dec 2021 18:22

Tgt Ion: 75 Resp: 1116

Ion	Ratio	Lower	Upper
75	100		
77	41.9	21.7	40.3#





#60
1,2,3-Trichloropropane
Concen: 5.393 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046518.D
Acq: 20 Dec 2021 18:22

Tgt Ion: 75 Resp: 8105

Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.4	39.6
110	2.2	32.4	48.6#