Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046089.D
Acq On : 04 Dec 2021 13:44
Operator : SY/MD
Sample : VU1204MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 05 08:15:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	213360	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	200539	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	96531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	72537	41.272	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.540%			
7) Chloroethane-d5	1.916	69	51802	38.388	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.780%			
11) 1,1-Dichloroethene-d2	2.568	63	96733	30.659	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.320%			
21) 2-Butanone-d5	4.642	46	107827	77.175	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 77.180%			
24) Chloroform-d	5.067	84	120955	41.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.420%			
26) 1,2-Dichloroethane-d4	5.707	65	80824	41.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.060%			
32) Benzene-d6	5.732	84	259744	45.190	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.380%			
36) 1,2-Dichloropropane-d6	6.694	67	79330	44.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.060%			
41) Toluene-d8	7.899	98	230598	44.063	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.120%			
43) trans-1,3-Dichloroprop...	8.182	79	36091	41.971	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.940%			
47) 2-Hexanone-d5	8.639	63	75224	89.065	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.060%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	113079	41.858	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.720%			
66) 1,2-Dichlorobenzene-d4	12.195	152	84844	45.639	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.280%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	841	0.542	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	793	0.538	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1387	0.593	ug/L #	73
35) Methylcyclohexane	6.694	83	19135	7.718	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	8635	5.431	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2194	0.907	ug/L #	52
44) trans-1,3-Dichloropropene	8.182	75	1674	0.705	ug/L #	77

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

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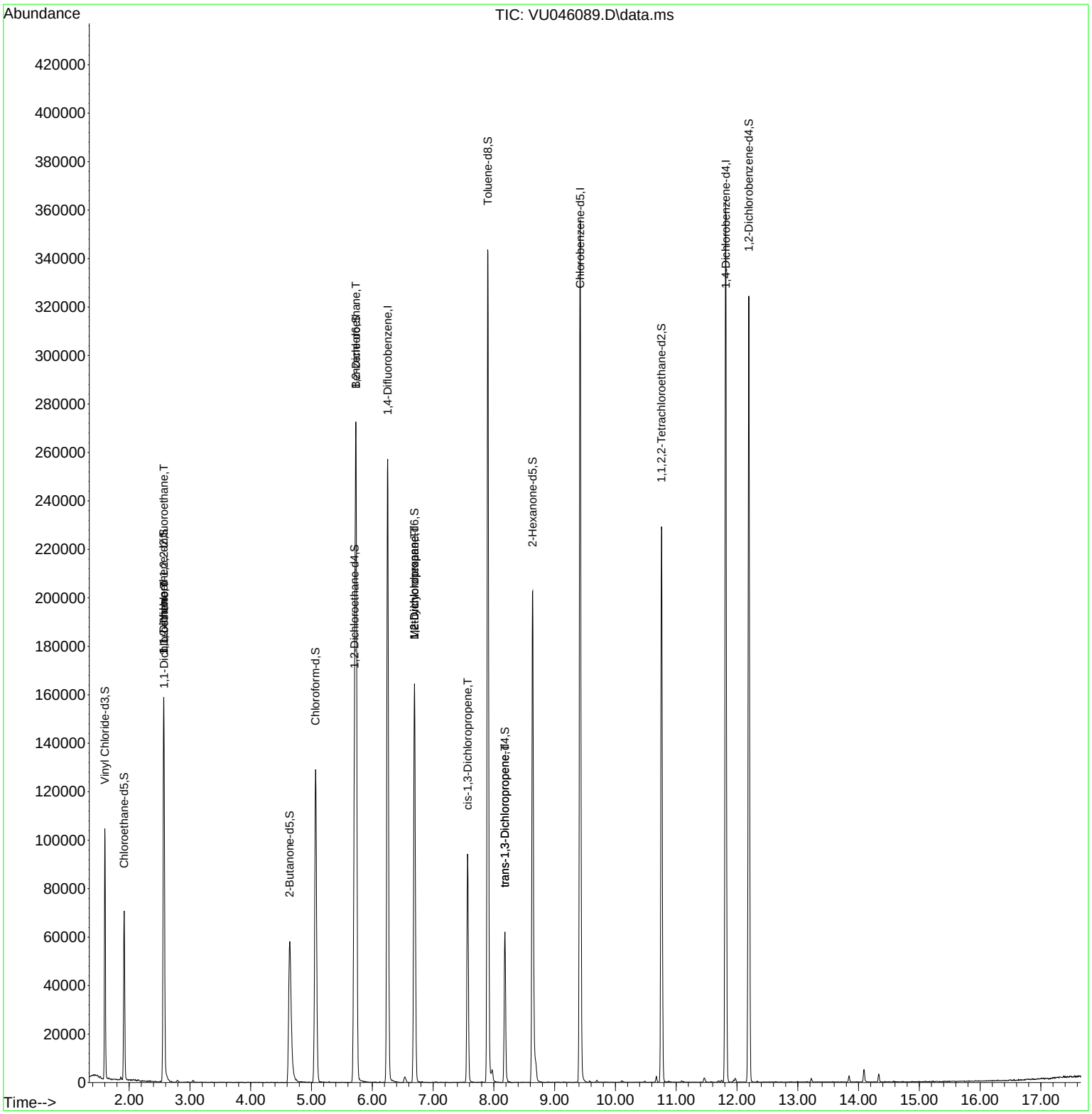
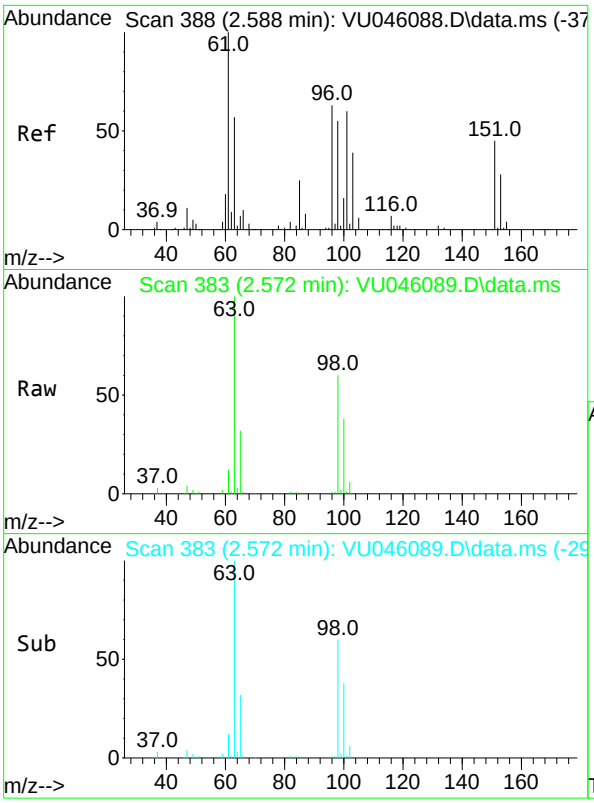
Sample : VU1204MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 05 08:15:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration



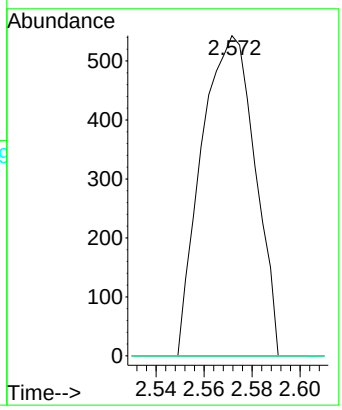


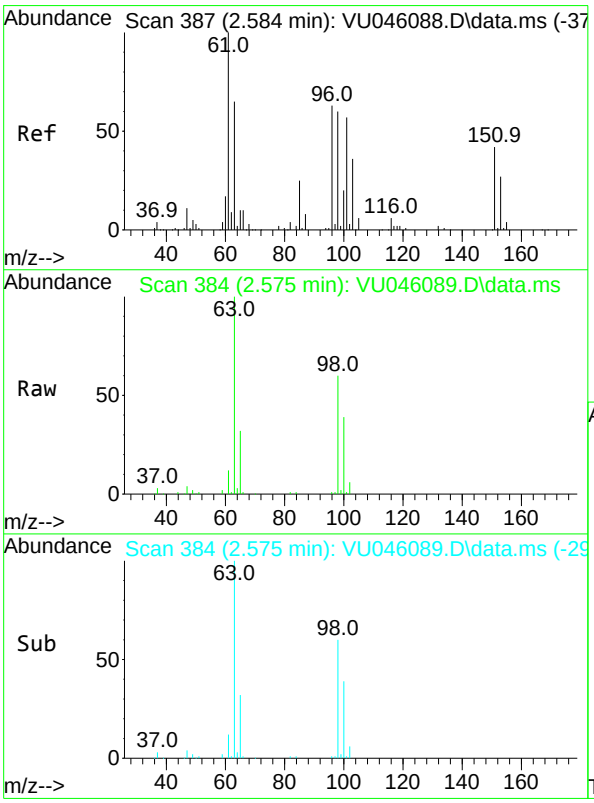
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.542 ug/L
RT: 2.572 min Scan# 3
Delta R.T. -0.016 min
Lab File: VU046089.D
Acq: 04 Dec 2021 13:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 841

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

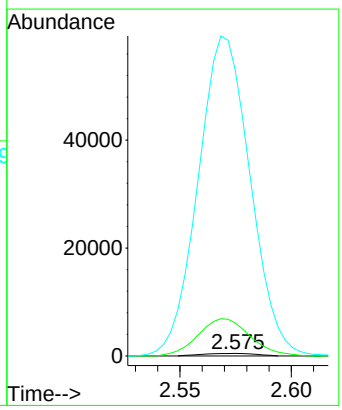


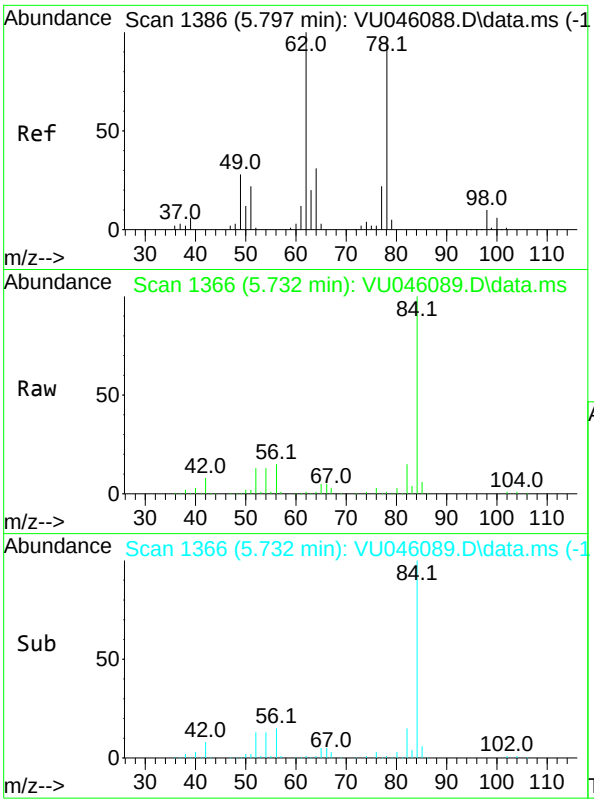


#12
1,1-Dichloroethene
Concen: 0.538 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU046089.D
Acq: 04 Dec 2021 13:44

Tgt Ion: 96 Resp: 793

Ion	Ratio	Lower	Upper
96	100		
61	1327.3	118.6	220.2#
63	11494.4	93.0	172.8#



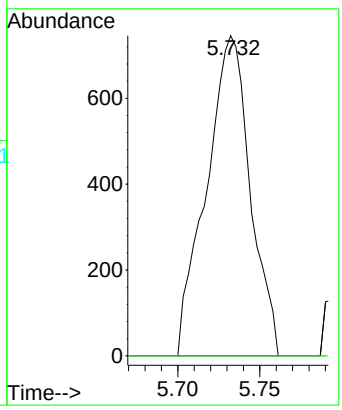


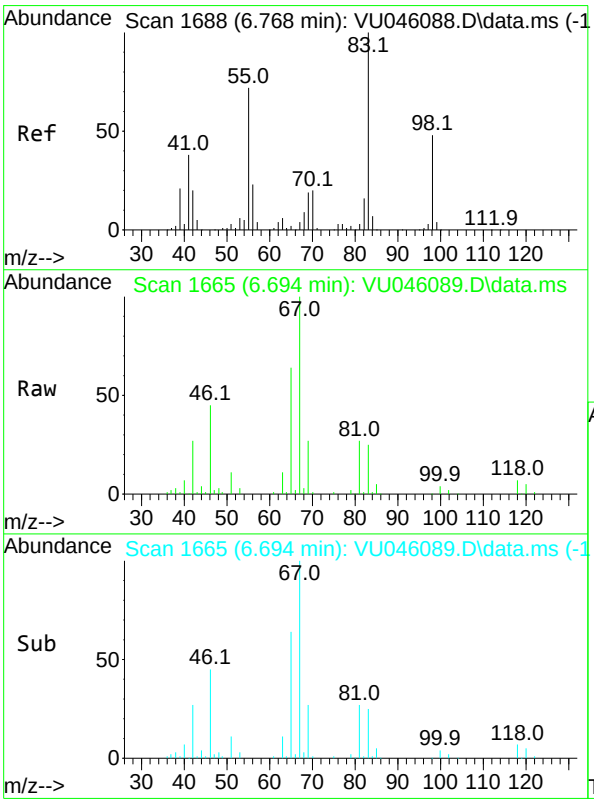
#27
1,2-Dichloroethane
Concen: 0.593 ug/L
RT: 5.732 min Scan# 1
Delta R.T. -0.067 min
Lab File: VU046089.D
Acq: 04 Dec 2021 13:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1387

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#

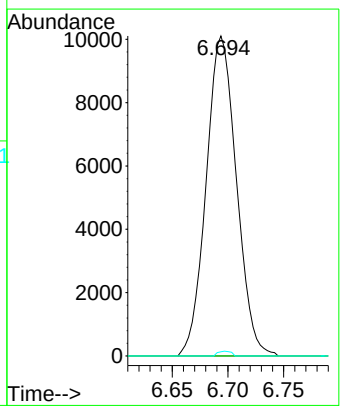


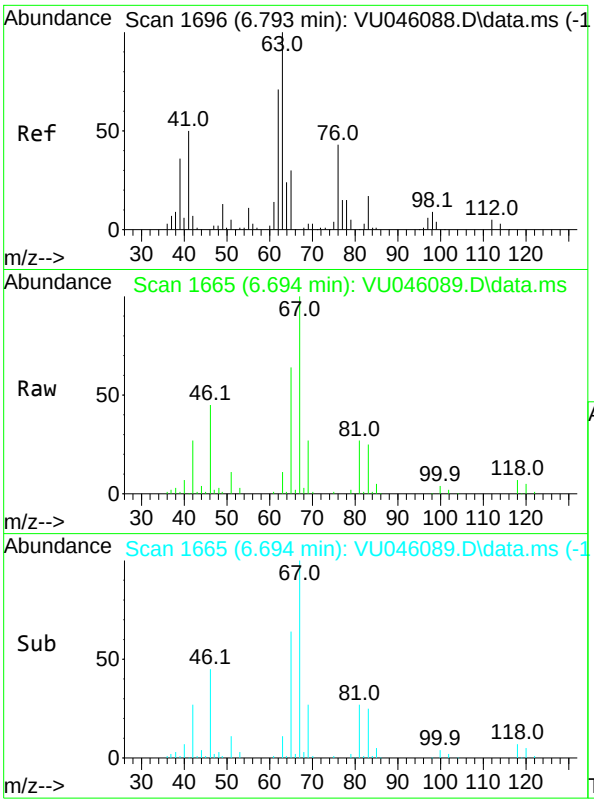


#35
Methylcyclohexane
Concen: 7.718 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046089.D
Acq: 04 Dec 2021 13:44

Tgt Ion: 83 Resp: 19135

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.6	38.4	57.6#



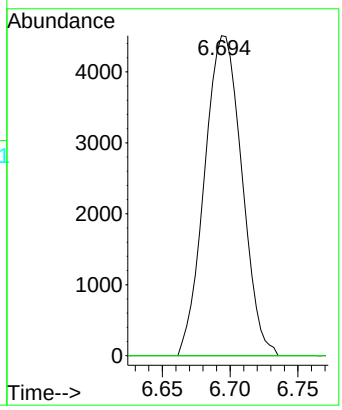


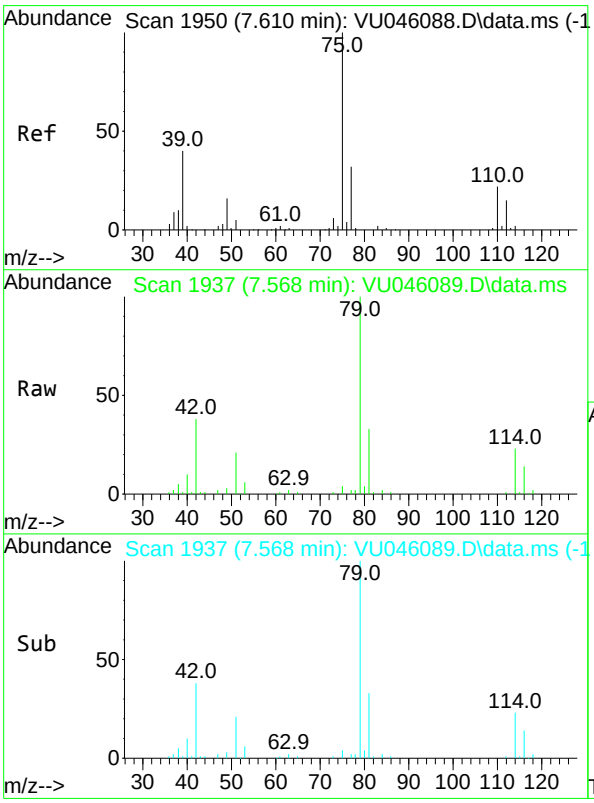
#37
1,2-Dichloropropane
Concen: 5.431 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046089.D
Acq: 04 Dec 2021 13:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 8635

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

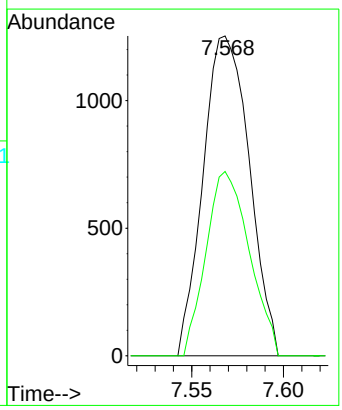


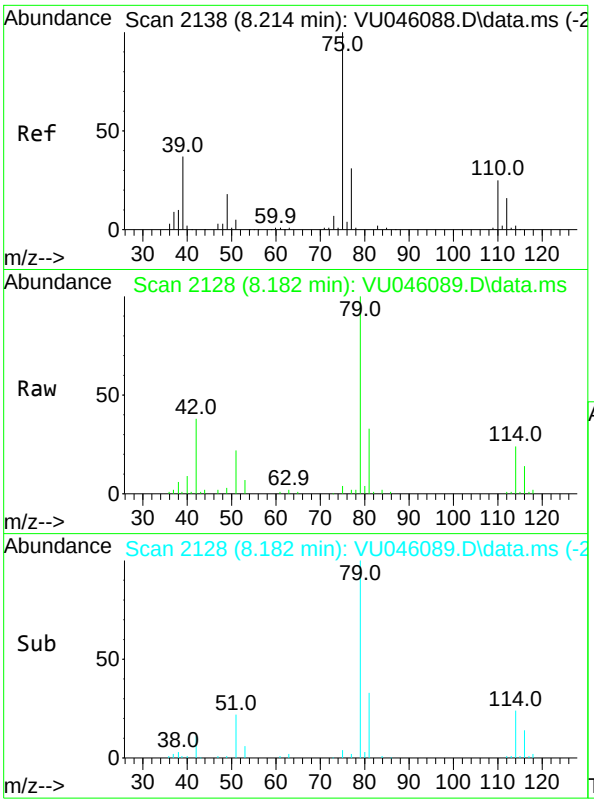


#39
cis-1,3-Dichloropropene
Concen: 0.907 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046089.D
Acq: 04 Dec 2021 13:44

Tgt Ion: 75 Resp: 2194

Ion	Ratio	Lower	Upper
75	100		
77	57.6	21.8	40.6#





#44
trans-1,3-Dichloropropene
Concen: 0.705 ug/L
RT: 8.182 min Scan# 2
Delta R.T. -0.032 min
Lab File: VU046089.D
Acq: 04 Dec 2021 13:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1674

Ion	Ratio	Lower	Upper
75	100		
77	43.4	21.7	40.3#