Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
Data File : VU046412.D
Acq On : 16 Dec 2021 11:52
Operator : SY/MD
Sample : VU1216WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 17 01:50:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	136082	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	142028	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66483	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	58706	52.371	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.740%			
7) Chloroethane-d5	1.919	69	41661	48.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.820%			
11) 1,1-Dichloroethene-d2	2.572	63	74703	37.122	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.240%			
21) 2-Butanone-d5	4.636	46	79025	88.681	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.680%			
24) Chloroform-d	5.067	84	100556	53.717	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.440%			
26) 1,2-Dichloroethane-d4	5.706	65	67442	53.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.360%			
32) Benzene-d6	5.732	84	195583	48.046	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.100%			
36) 1,2-Dichloropropane-d6	6.694	67	61893	49.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.120%			
41) Toluene-d8	7.899	98	168104	45.355	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.700%			
43) trans-1,3-Dichloroprop...	8.182	79	28512	46.816	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.640%			
47) 2-Hexanone-d5	8.636	63	60013	100.327	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.330%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	89619	46.841	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.680%			
66) 1,2-Dichlorobenzene-d4	12.195	152	63922	49.926	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.860%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	642	0.648	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	421	0.447	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1074	0.719	ug/L #	73
35) Methylcyclohexane	6.694	83	15296	8.711	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6987	6.205	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1813	1.058	ug/L #	71
44) trans-1,3-Dichloropropene	8.179	75	1338	0.795	ug/L #	73
60) 1,2,3-Trichloropropane	11.812	75	8182	5.614	ug/L #	65

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

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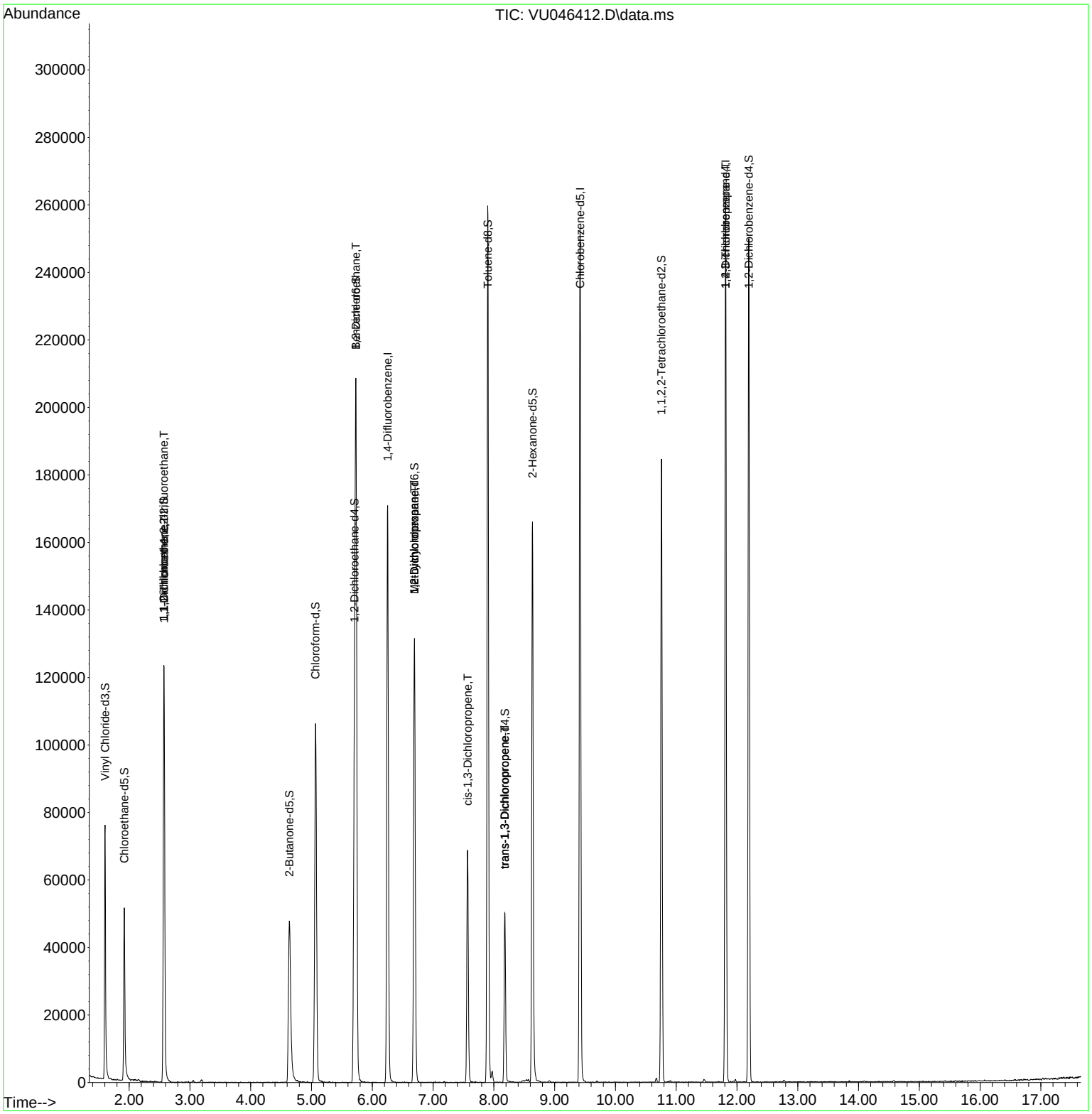
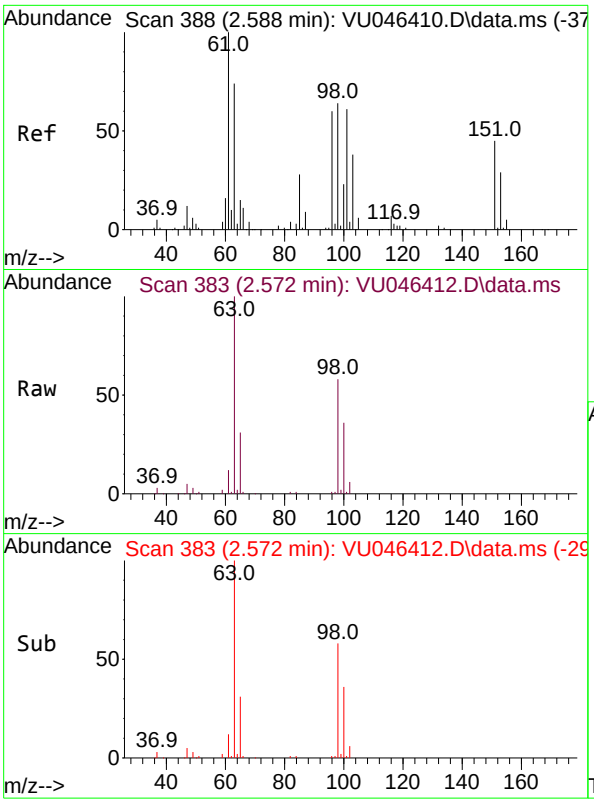
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 17 01:50:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
Response via : Initial Calibration



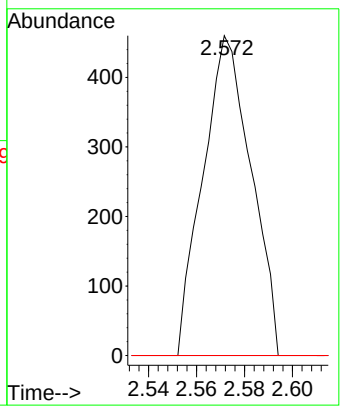


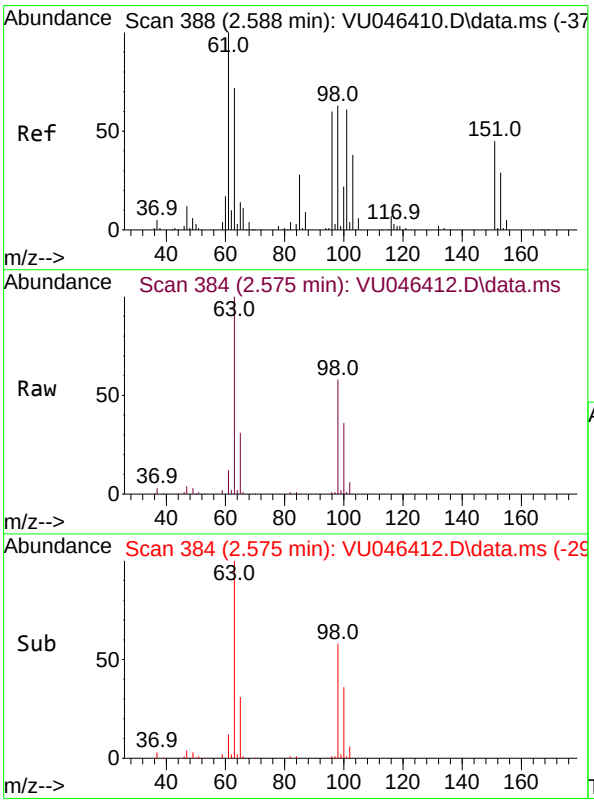
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.648 ug/L
RT: 2.572 min Scan# 3
Delta R.T. -0.016 min
Lab File: VU046412.D
Acq: 16 Dec 2021 11:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 642

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

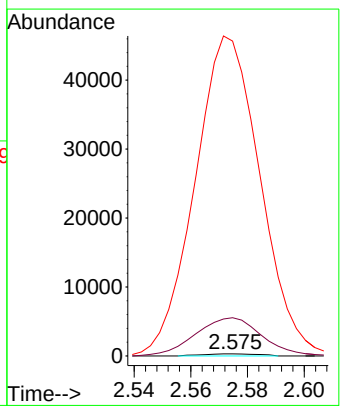


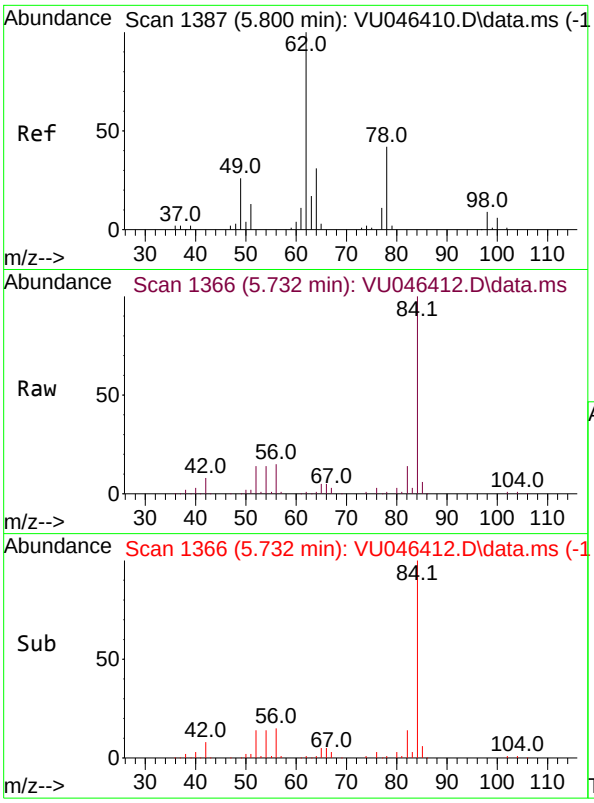


#12
1,1-Dichloroethene
Concen: 0.447 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046412.D
Acq: 16 Dec 2021 11:52

Tgt Ion: 96 Resp: 421

Ion	Ratio	Lower	Upper
96	100		
61	1797.1	118.6	220.2#
63	14775.4	93.0	172.8#



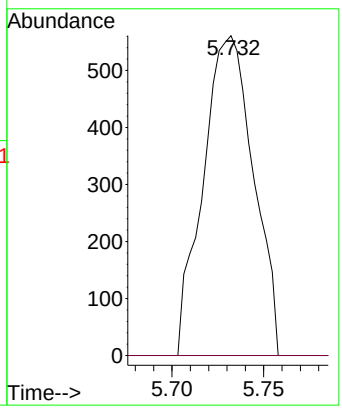


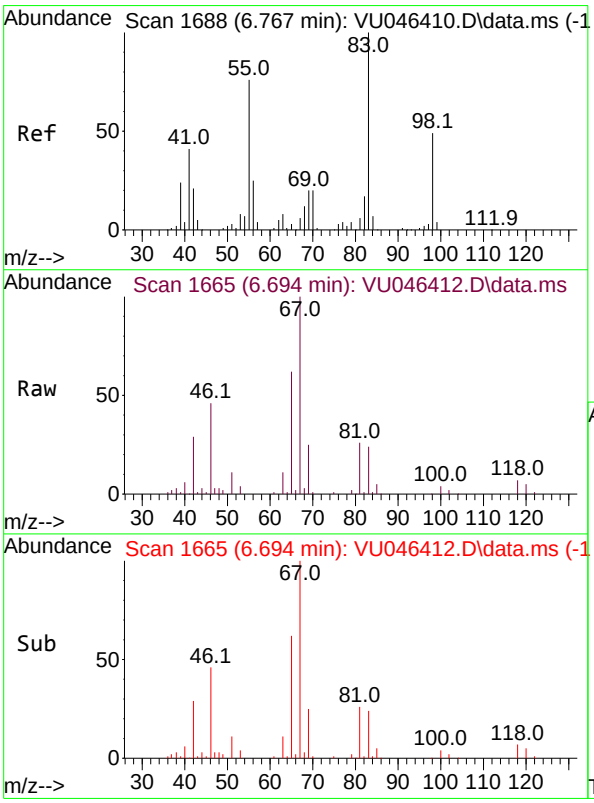
#27
1,2-Dichloroethane
Concen: 0.719 ug/L
RT: 5.732 min Scan# 1
Delta R.T. -0.068 min
Lab File: VU046412.D
Acq: 16 Dec 2021 11:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1074

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#

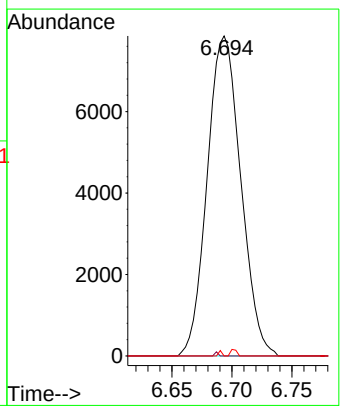


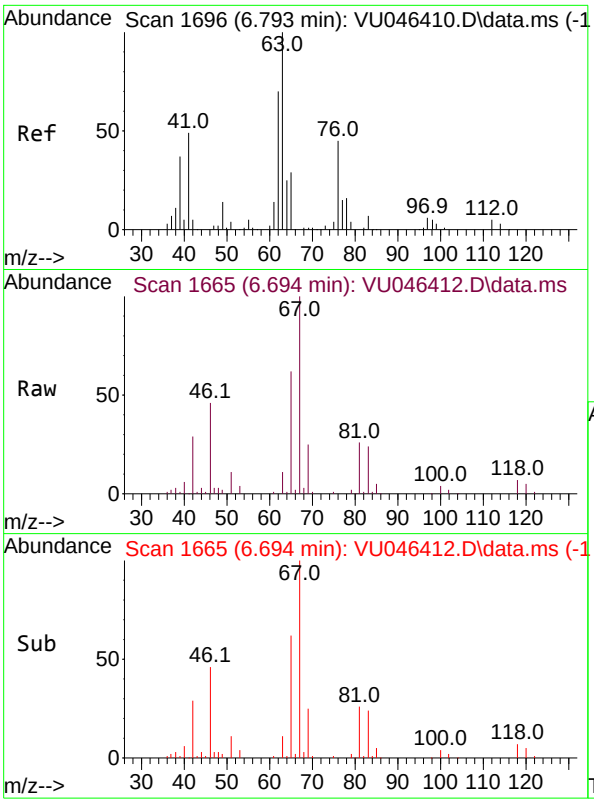


#35
Methylcyclohexane
Concen: 8.711 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046412.D
Acq: 16 Dec 2021 11:52

Tgt Ion: 83 Resp: 15296

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.4	38.4	57.6#



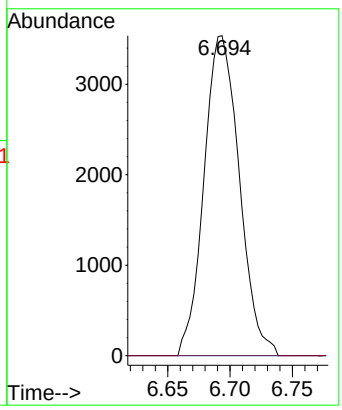


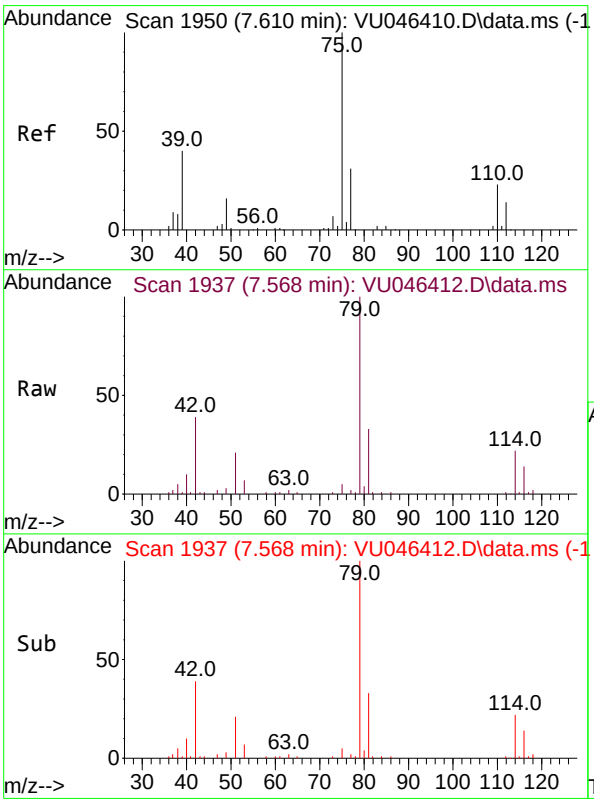
#37
1,2-Dichloropropane
Concen: 6.205 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046412.D
Acq: 16 Dec 2021 11:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6987

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

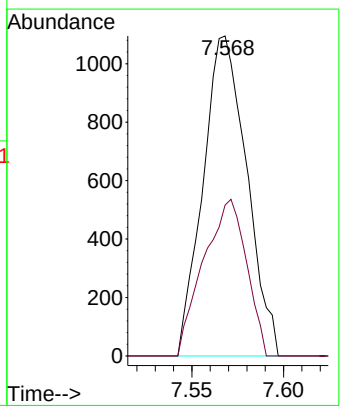


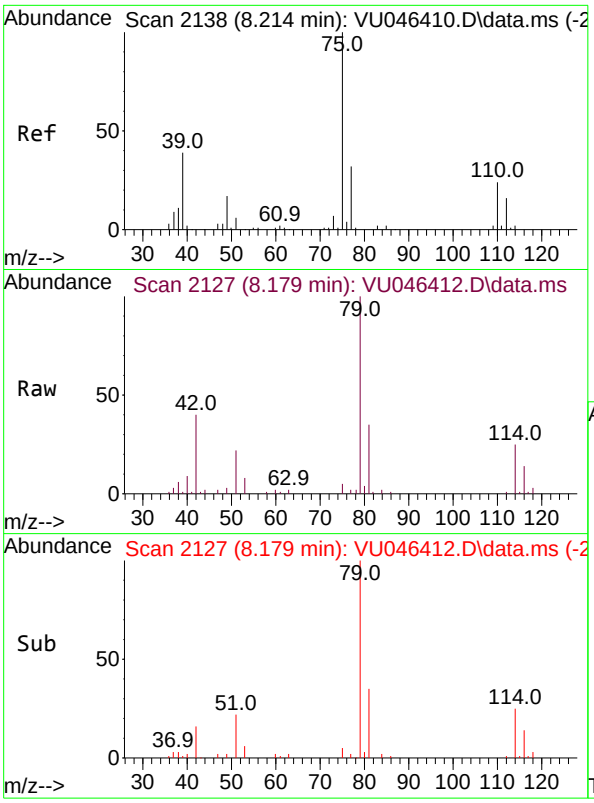


#39
cis-1,3-Dichloropropene
Concen: 1.058 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046412.D
Acq: 16 Dec 2021 11:52

Tgt Ion: 75 Resp: 1813

Ion	Ratio	Lower	Upper
75	100		
77	47.1	21.8	40.6#



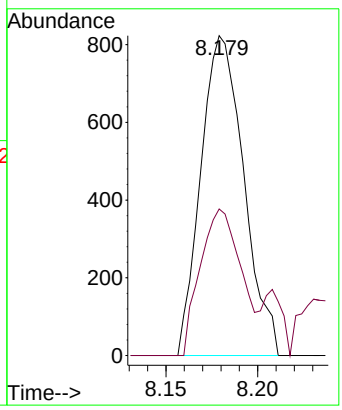


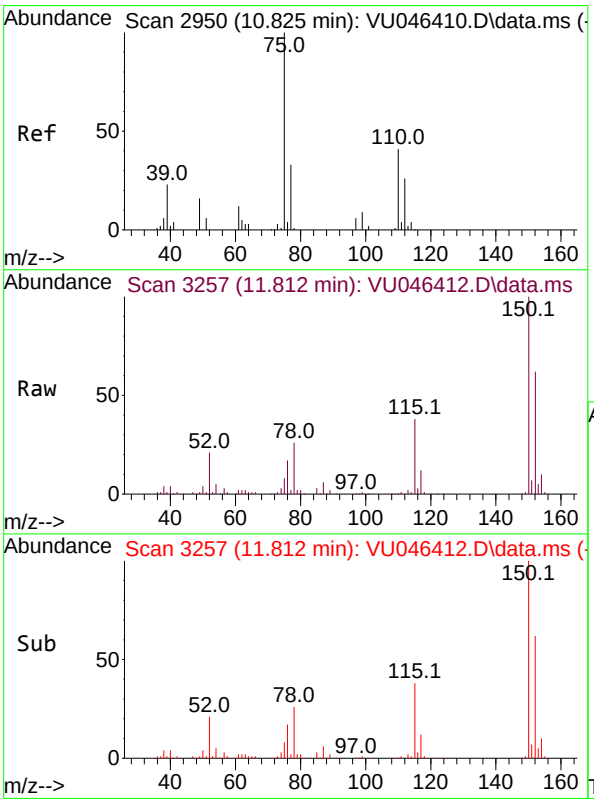
#44
trans-1,3-Dichloropropene
Concen: 0.795 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.035 min
Lab File: VU046412.D
Acq: 16 Dec 2021 11:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1338

Ion	Ratio	Lower	Upper
75	100		
77	45.8	21.7	40.3#





#60
1,2,3-Trichloropropane
Concen: 5.614 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046412.D
Acq: 16 Dec 2021 11:52

Tgt Ion: 75 Resp: 8182

Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.4	39.6
110	0.8	32.4	48.6#