Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
Data File : VU046500.D
Acq On : 19 Dec 2021 17:15
Operator : SY/MD
Sample : M5066-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 20 00:29:11 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	138916	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	141811	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	45922	40.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.260%			
7) Chloroethane-d5	1.922	69	38811	44.174	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.340%			
11) 1,1-Dichloroethene-d2	2.575	63	65892	32.076	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.160%			
21) 2-Butanone-d5	4.646	46	86268	94.834	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.830%			
24) Chloroform-d	5.067	84	94518	49.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.920%			
26) 1,2-Dichloroethane-d4	5.707	65	64449	50.254	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.500%			
32) Benzene-d6	5.732	84	183902	45.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.500%			
36) 1,2-Dichloropropane-d6	6.694	67	57403	45.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.140%			
41) Toluene-d8	7.899	98	157345	42.517	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.040%			
43) trans-1,3-Dichloroprop...	8.179	79	27505	45.232	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.460%			
47) 2-Hexanone-d5	8.636	63	63126	105.693	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.690%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	90493	47.370	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.740%			
66) 1,2-Dichlorobenzene-d4	12.195	152	62954	46.820	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.640%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	428	0.423	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	419	0.436	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	953	0.625	ug/L #	73
35) Methylcyclohexane	6.694	83	14558	8.304	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	6694	5.954	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1628	0.952	ug/L #	74
60) 1,2,3-Trichloropropane	11.809	75	8397	5.486	ug/L #	64

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

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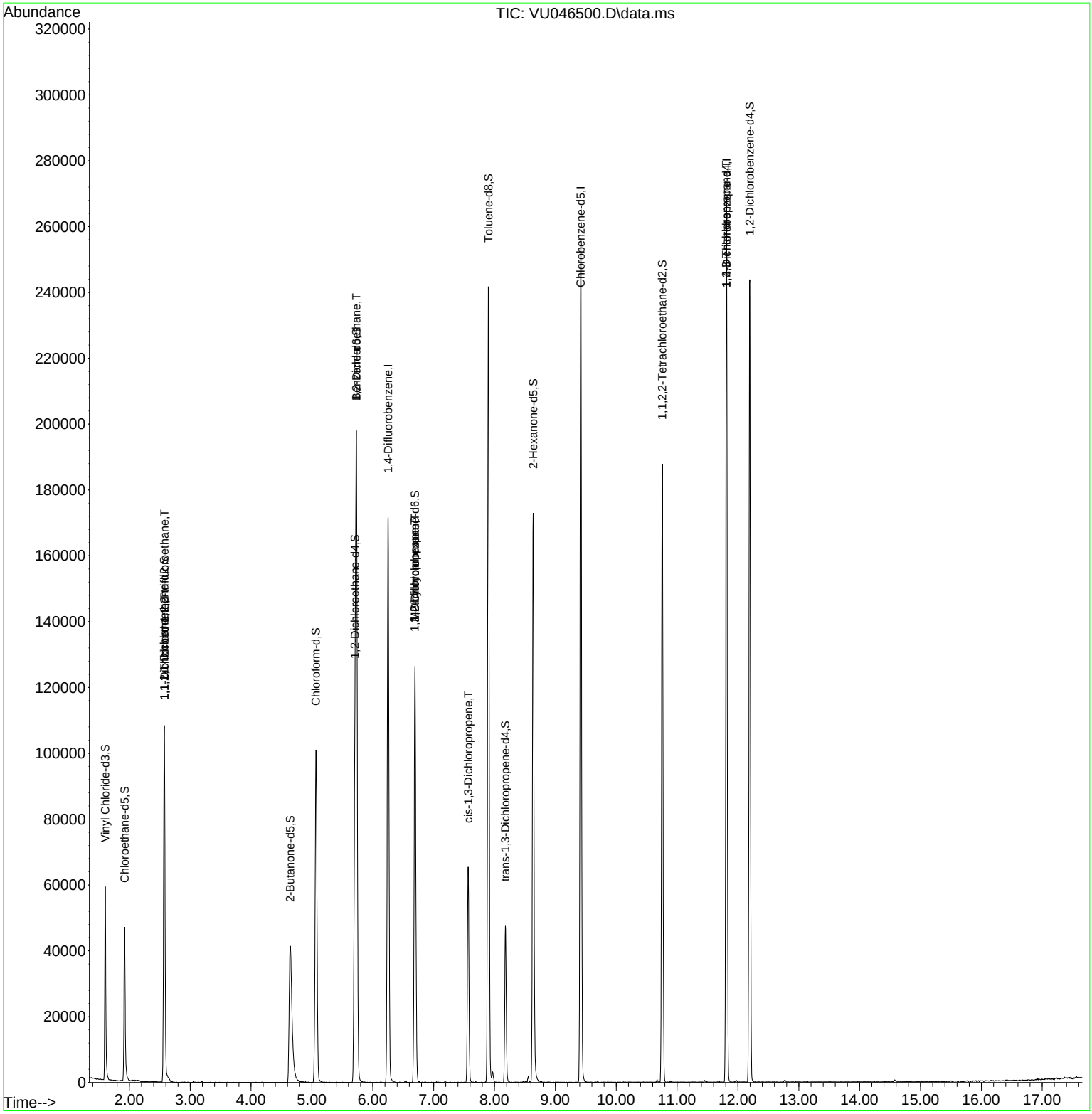
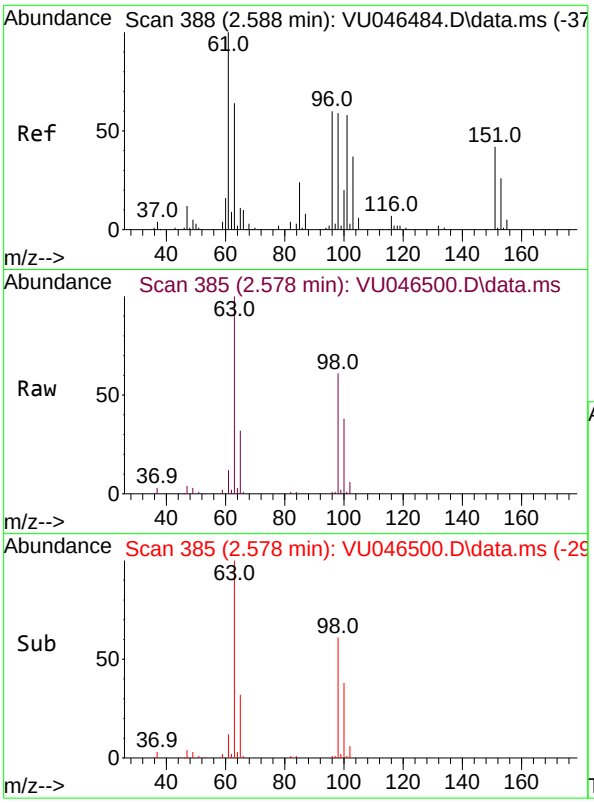


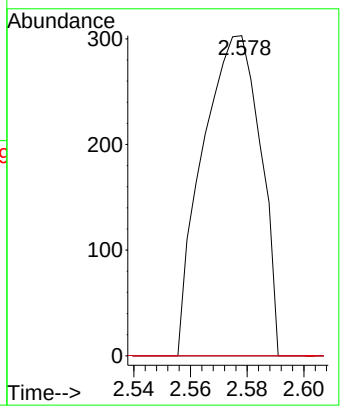


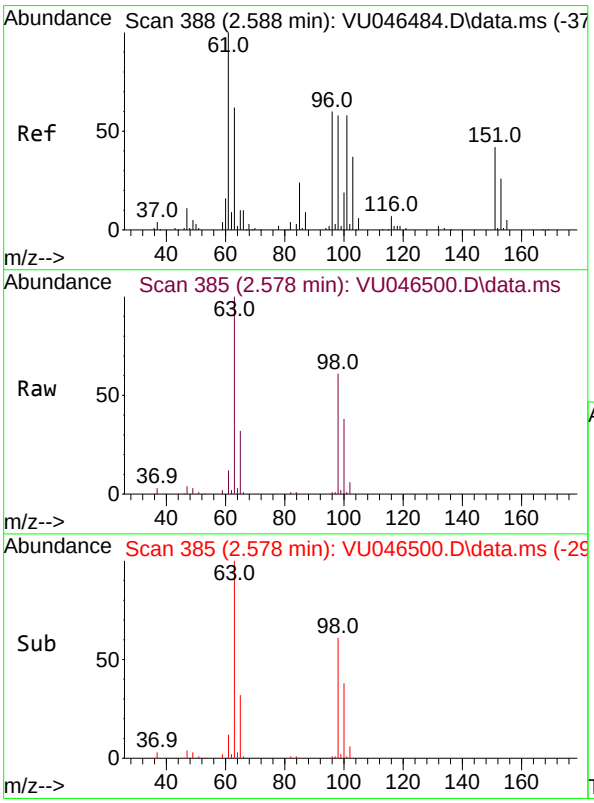
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.423 ug/L
RT: 2.578 min Scan# 3
Delta R.T. -0.009 min
Lab File: VU046500.D
Acq: 19 Dec 2021 17:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 428

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

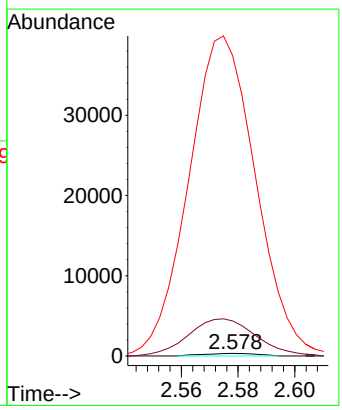


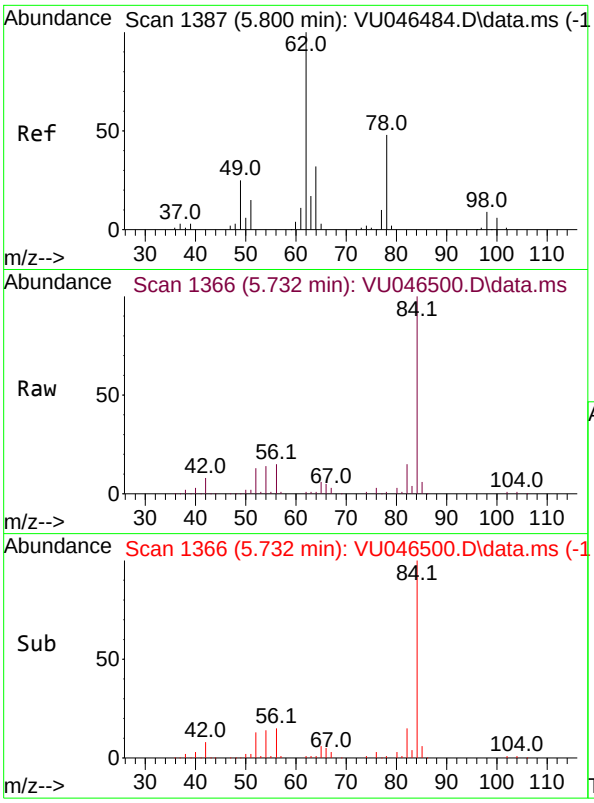


#12
1,1-Dichloroethene
Concen: 0.436 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.009 min
Lab File: VU046500.D
Acq: 19 Dec 2021 17:15

Tgt Ion: 96 Resp: 419

Ion	Ratio	Lower	Upper
96	100		
61	1374.2	118.6	220.2#
63	11778.6	93.0	172.8#



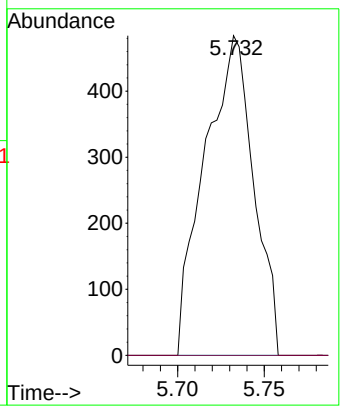


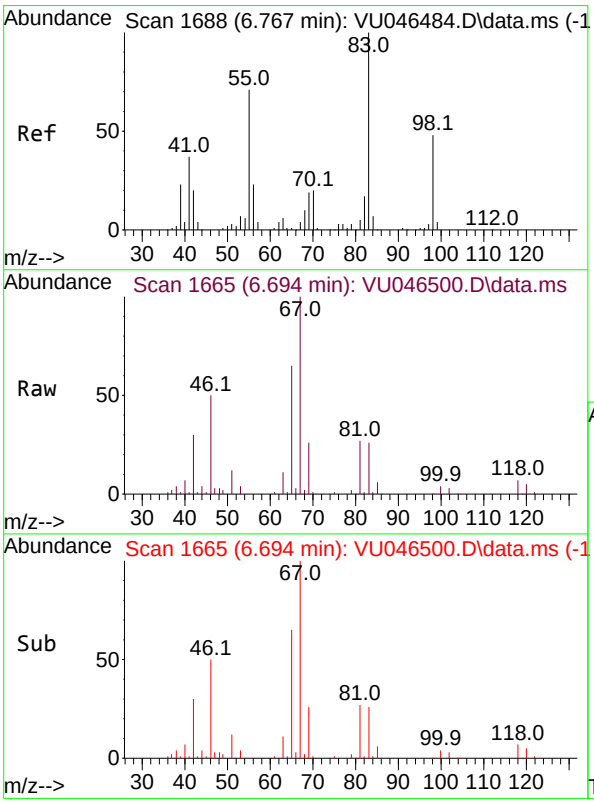
#27
1,2-Dichloroethane
Concen: 0.625 ug/L
RT: 5.732 min Scan# 1
Delta R.T. -0.067 min
Lab File: VU046500.D
Acq: 19 Dec 2021 17:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 953

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#

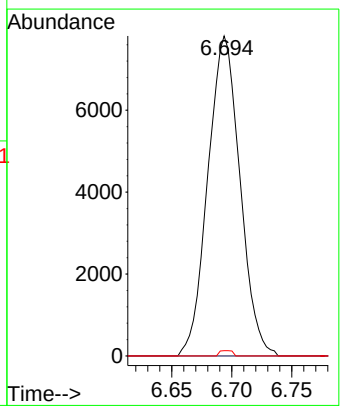


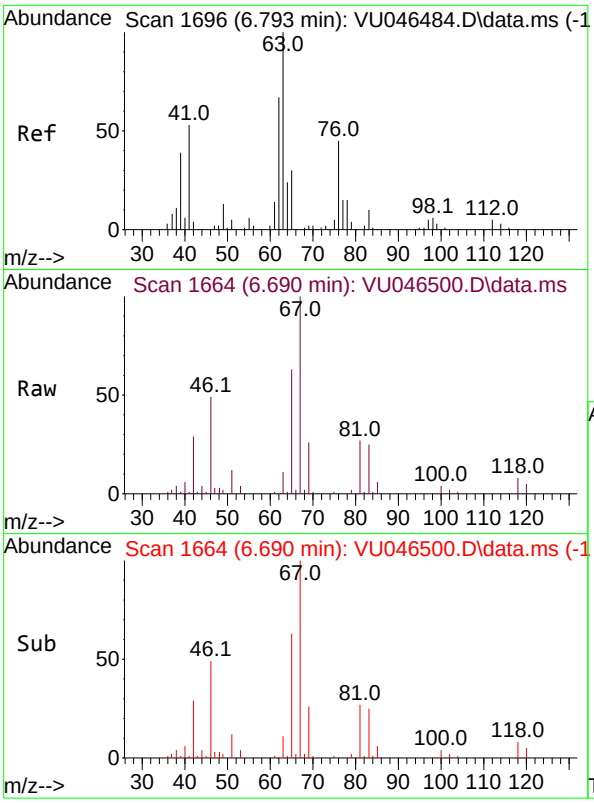


#35
Methylcyclohexane
Concen: 8.304 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046500.D
Acq: 19 Dec 2021 17:15

Tgt Ion: 83 Resp: 14558

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



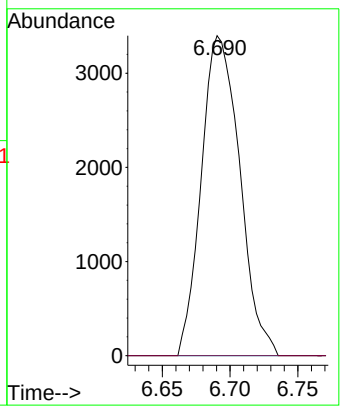


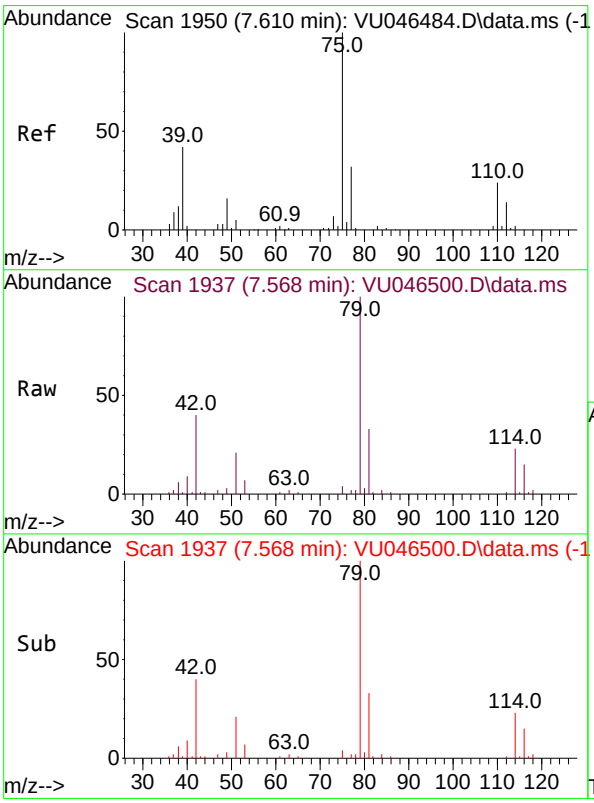
#37
1,2-Dichloropropane
Concen: 5.954 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU046500.D
Acq: 19 Dec 2021 17:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6694

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

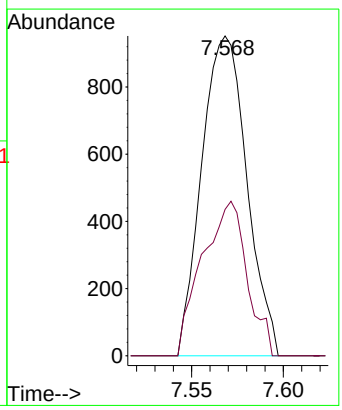


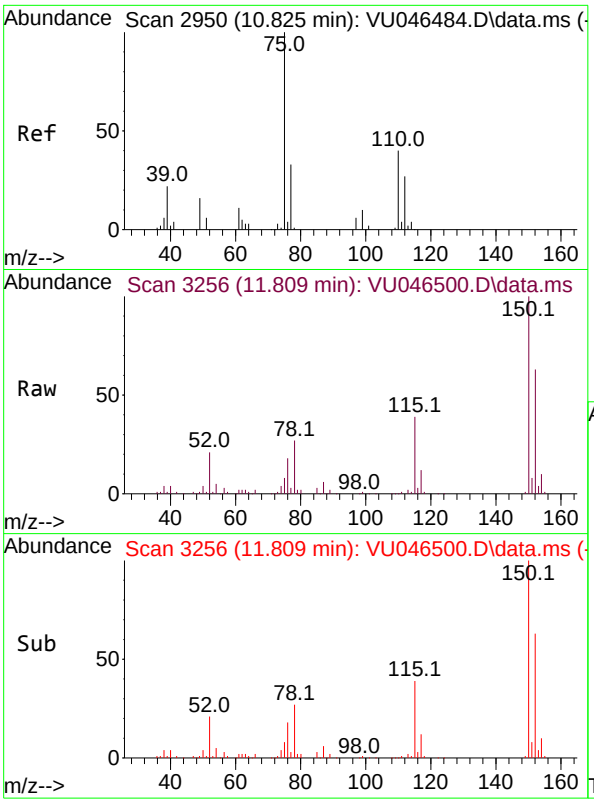


#39
cis-1,3-Dichloropropene
Concen: 0.952 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046500.D
Acq: 19 Dec 2021 17:15

Tgt Ion: 75 Resp: 1628

Ion	Ratio	Lower	Upper
75	100		
77	45.8	21.8	40.6#





#60
1,2,3-Trichloropropane
Concen: 5.486 ug/L
RT: 11.809 min Scan# 3
Delta R.T. 0.984 min
Lab File: VU046500.D
Acq: 19 Dec 2021 17:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8397

Ion	Ratio	Lower	Upper
75	100		
77	35.2	26.4	39.6
110	2.2	32.4	48.6#