Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046285.D
Acq On : 11 Dec 2021 14:42
Operator : SY/MD
Sample : M4982-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 12 01:38:37 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	185416	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	189816	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	100788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	58564	38.343	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.680%			
7) Chloroethane-d5	1.919	69	48439	41.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.620%			
11) 1,1-Dichloroethene-d2	2.571	63	82902	30.235	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.480%			
21) 2-Butanone-d5	4.636	46	131306	108.144	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.140%			
24) Chloroform-d	5.067	84	124254	48.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.440%			
26) 1,2-Dichloroethane-d4	5.706	65	86782	50.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.400%			
32) Benzene-d6	5.732	84	251803	46.283	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.560%			
36) 1,2-Dichloropropane-d6	6.694	67	83748	49.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.340%			
41) Toluene-d8	7.899	98	217581	43.925	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.840%			
43) trans-1,3-Dichloroprop...	8.182	79	39524	48.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.120%			
47) 2-Hexanone-d5	8.636	63	95617	119.605	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.610%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	136383	53.337	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.680%			
66) 1,2-Dichlorobenzene-d4	12.195	152	96353	49.641	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.280%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	794	0.589	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	998	0.778	ug/L #	1
27) 1,2-Dichloroethane	5.735	62	789	0.388	ug/L #	73
34) Trichloroethene	6.542	95	5587	3.691	ug/L	98
35) Methylcyclohexane	6.694	83	20275	8.640	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	8671	5.762	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2342	1.023	ug/L #	74
44) trans-1,3-Dichloropropene	8.179	75	1647	0.732	ug/L	86
60) 1,2,3-Trichloropropane	11.812	75	11757	5.321	ug/L #	66

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

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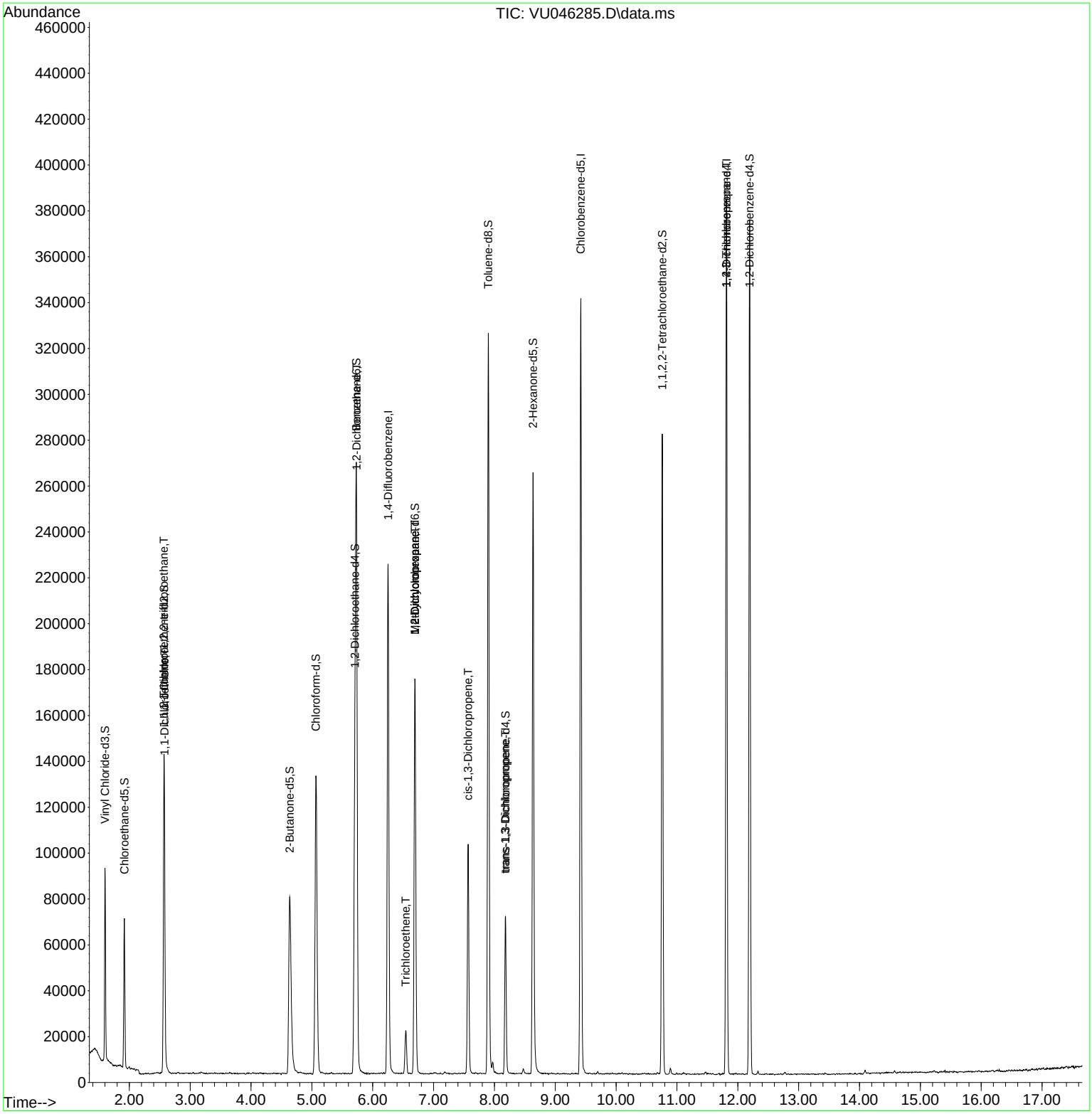
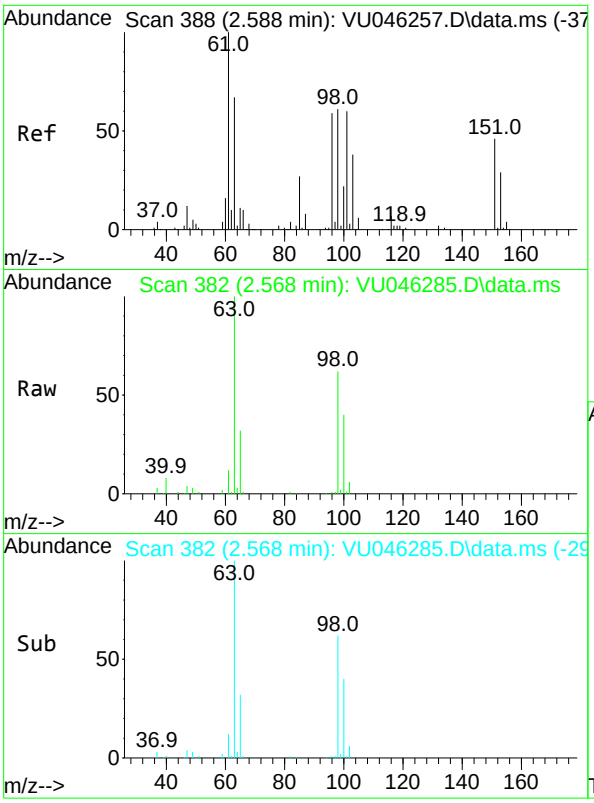


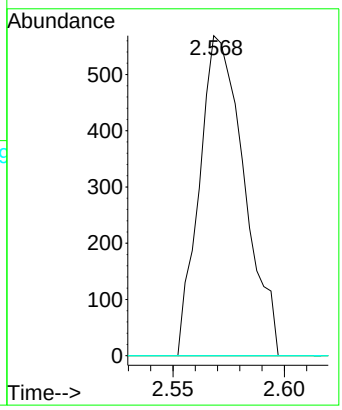


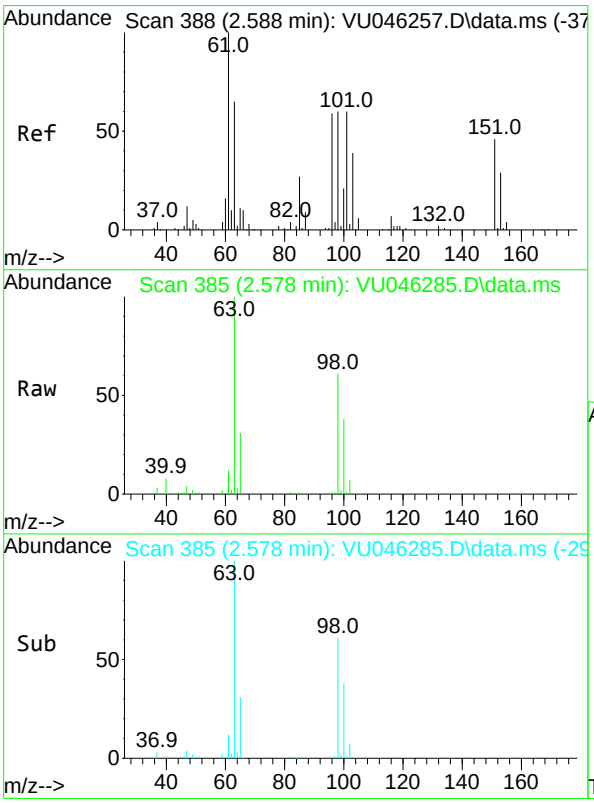
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.589 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU046285.D
Acq: 11 Dec 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 794

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

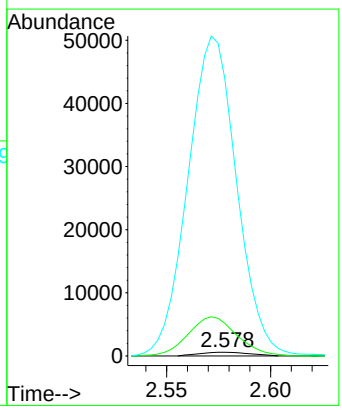


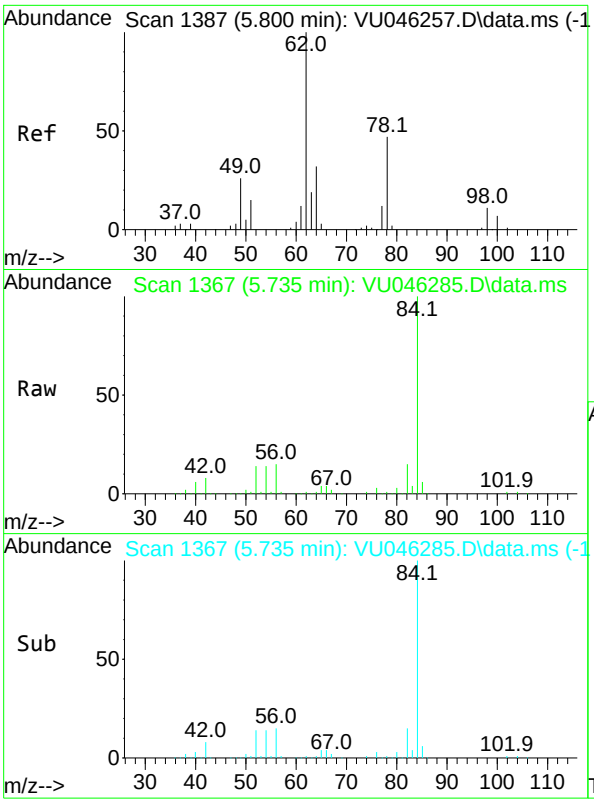


#12
1,1-Dichloroethene
Concen: 0.778 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU046285.D
Acq: 11 Dec 2021 14:42

Tgt Ion: 96 Resp: 998

Ion	Ratio	Lower	Upper
96	100		
61	880.3	118.6	220.2#
63	7477.6	93.0	172.8#



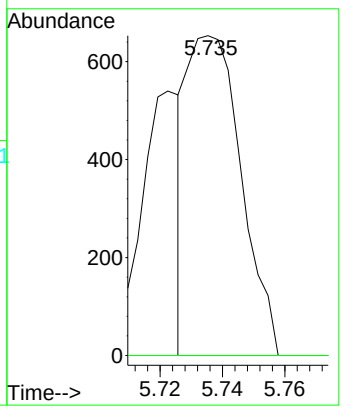


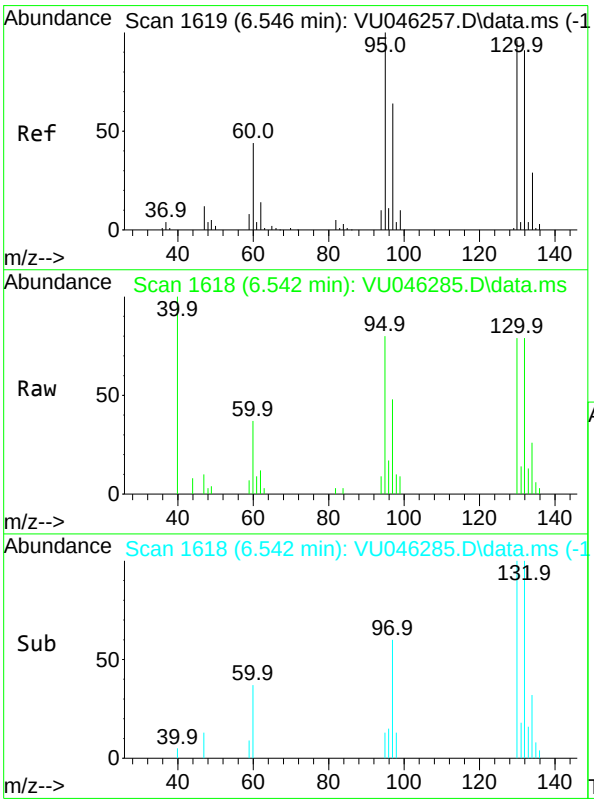
#27
1,2-Dichloroethane
Concen: 0.388 ug/L
RT: 5.735 min Scan# 1
Delta R.T. -0.064 min
Lab File: VU046285.D
Acq: 11 Dec 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 789

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#

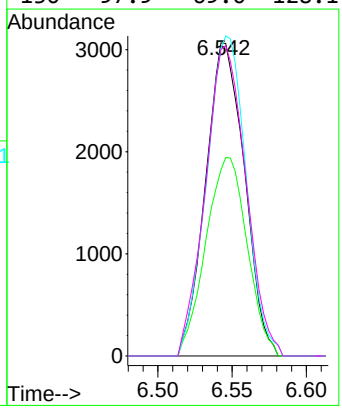


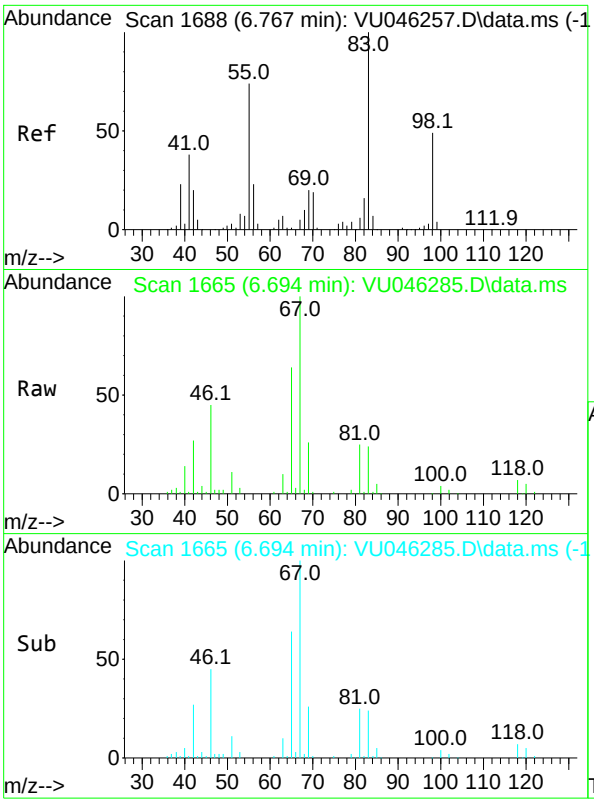


#34
Trichloroethene
Concen: 3.691 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046285.D
Acq: 11 Dec 2021 14:42

Tgt Ion: 95 Resp: 5587

Ion	Ratio	Lower	Upper
95	100		
97	59.4	44.1	81.9
132	98.2	66.8	124.0
130	97.9	69.0	128.1



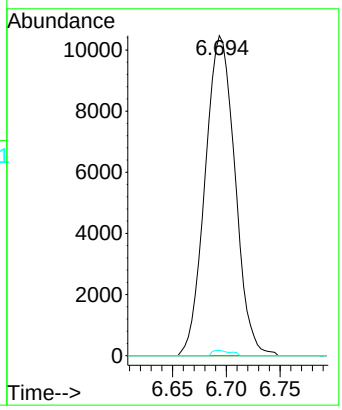


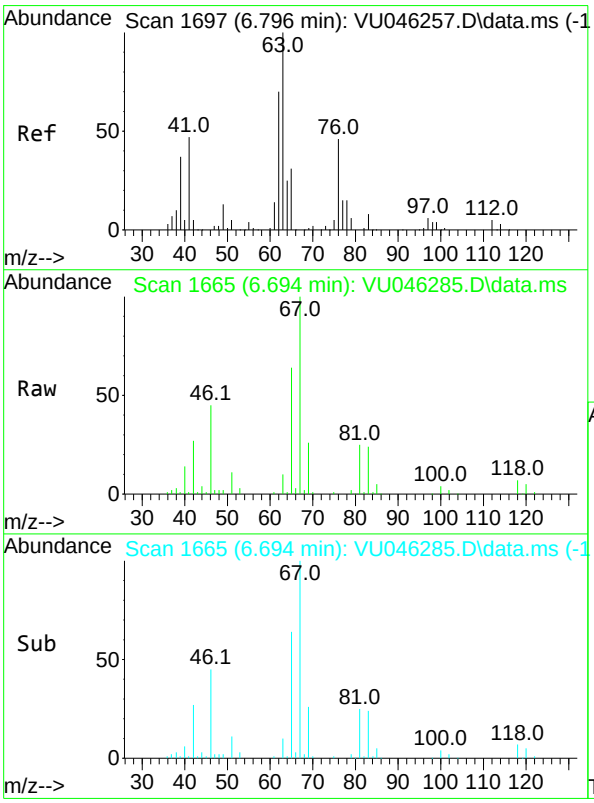
#35
Methylcyclohexane
Concen: 8.640 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU046285.D
Acq: 11 Dec 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 20275

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.8	38.4	57.6#

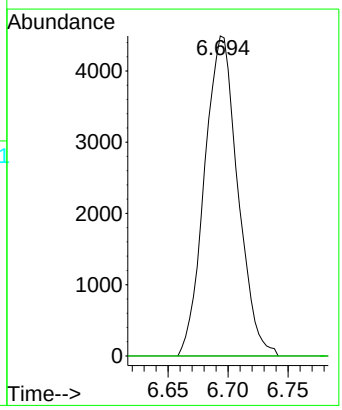


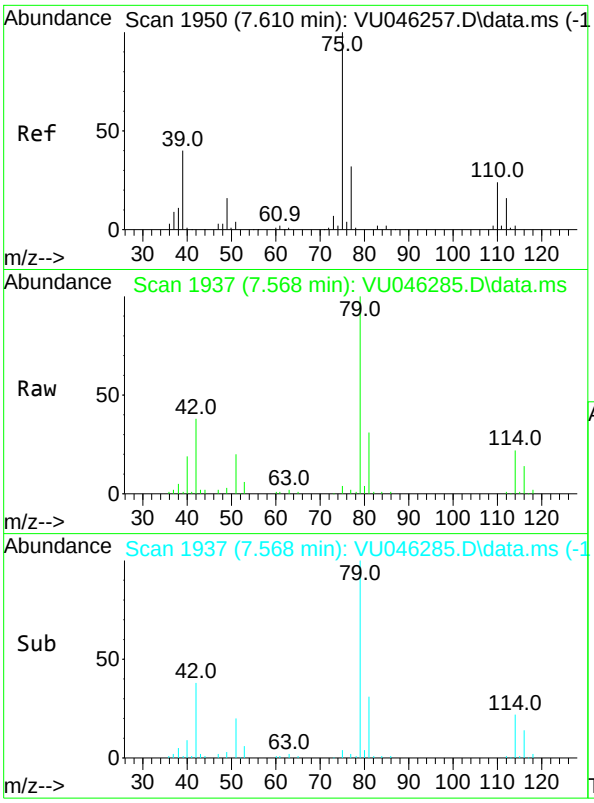


#37
1,2-Dichloropropane
Concen: 5.762 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046285.D
Acq: 11 Dec 2021 14:42

Tgt Ion: 63 Resp: 8671

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



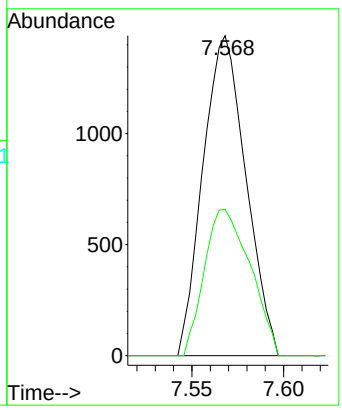


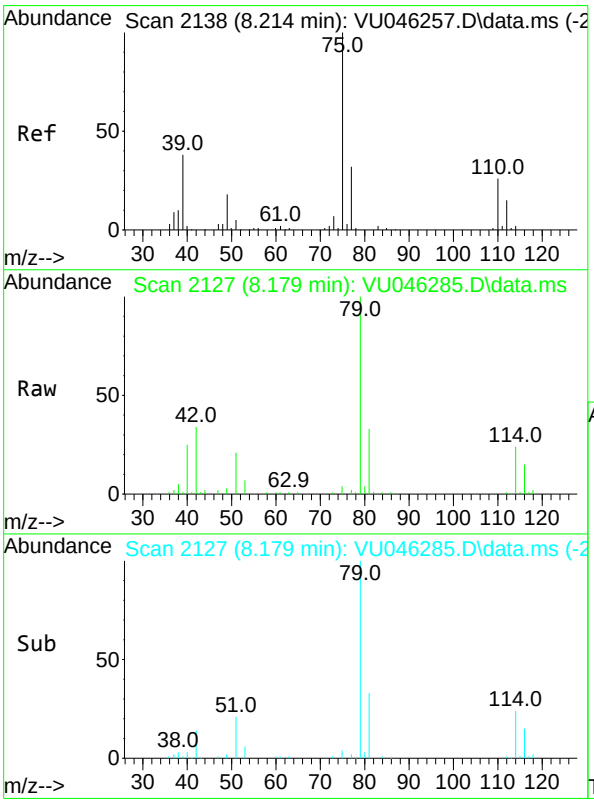
#39
cis-1,3-Dichloropropene
Concen: 1.023 ug/L
RT: 7.568 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU046285.D
Acq: 11 Dec 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2342

Ion	Ratio	Lower	Upper
75	100		
77	45.7	21.8	40.6#

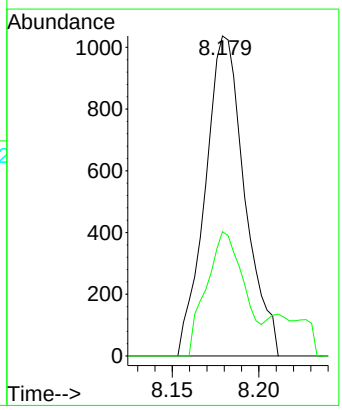


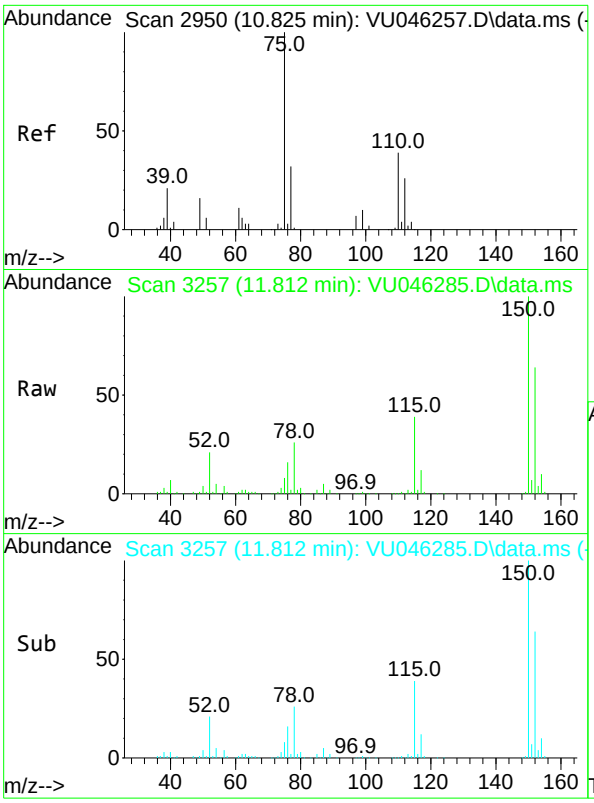


#44
trans-1,3-Dichloropropene
Concen: 0.732 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU046285.D
Acq: 11 Dec 2021 14:42

Tgt Ion: 75 Resp: 1647

Ion	Ratio	Lower	Upper
75	100		
77	38.9	21.7	40.3





#60
1,2,3-Trichloropropane
Concen: 5.321 ug/L
RT: 11.812 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU046285.D
Acq: 11 Dec 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 11757

Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.4	39.6
110	3.0	32.4	48.6#