Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\

Quantitation Report (Not Reviewed)

Data File : VU034575.D
Acq On : 16 Sep 2019 19:19
Operator : JC/SP
Sample : K4838-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MD3

Quant Time: Sep 17 02:59:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	304663	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282879	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	116153	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	73228	49.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.64%			
7) Chloroethane-d5	1.51	69	225	0.20	ug/L	-0.15
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.40%#			
11) 1,1-Dichloroethene-d2	2.26	63	115366	38.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.72%			
21) 2-Butanone-d5	4.15	46	184865	111.54	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.54%			
24) Chloroform-d	4.62	84	172118	51.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.16%			
26) 1,2-Dichloroethane-d4	5.29	65	109398	53.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.46%			
32) Benzene-d6	5.32	84	330855	53.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.38%			
36) 1,2-Dichloropropane-d6	6.31	67	126225	54.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.02%			
41) Toluene-d8	7.54	98	314988	52.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.32%			
43) trans-1,3-Dichloropropene-	7.83	79	58287	52.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.54%			
47) 2-Hexanone-d5	8.29	63	133500	106.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.29%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	187105	51.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.44%			
64) 1,2-Dichlorobenzene-d4	11.84	152	110525	53.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.68%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.26	96	1411	0.974	ug/L #	1
27) 1,2-Dichloroethane	5.31	62	2219	0.859	ug/L	100
37) 1,2-Dichloropropane	6.31	63	13440	6.171	ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	4312	1.318	ug/L #	82
44) trans-1,3-Dichloropropene	7.83	75	2959	0.986	ug/L	95
48) 2-Hexanone	8.29	43	14510	5.098	ug/L #	64
59) 1,2,3-Trichloropropane	11.46	75	17495	5.881	ug/L	94

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

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Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
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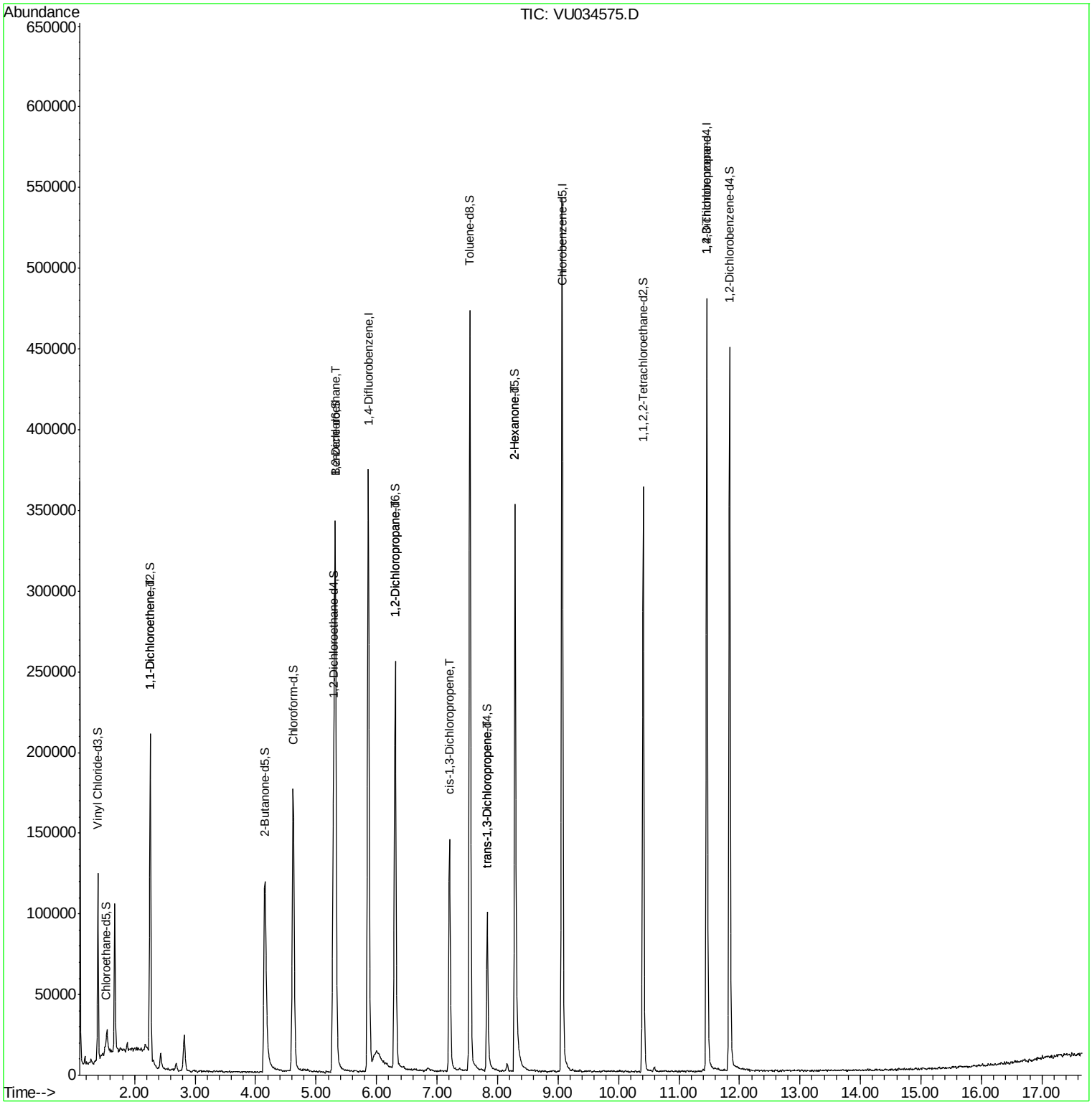
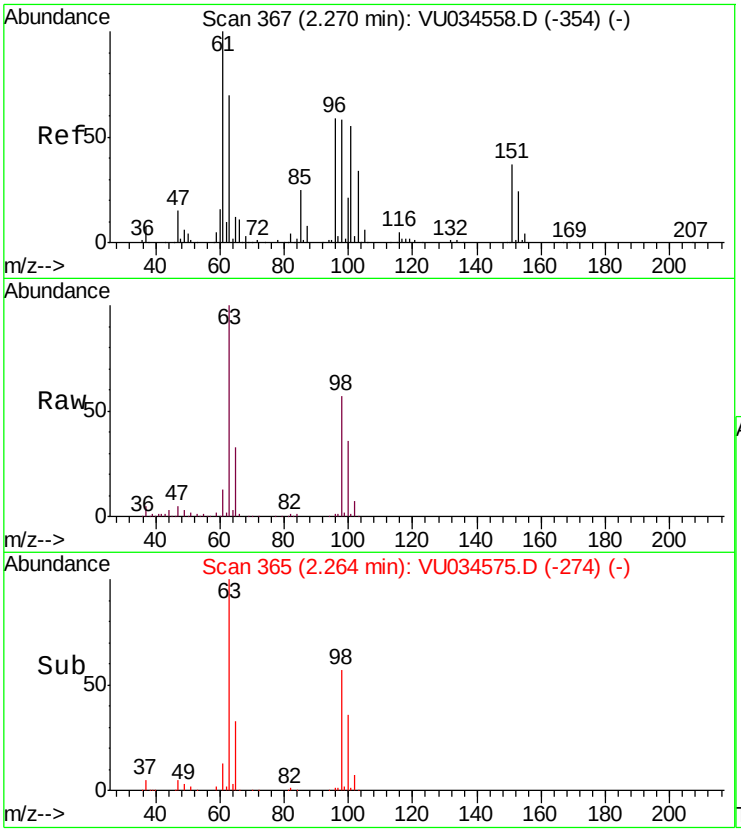


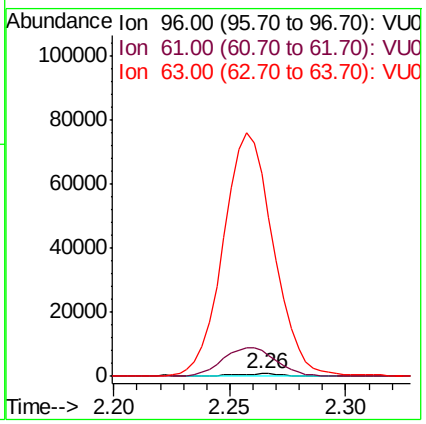


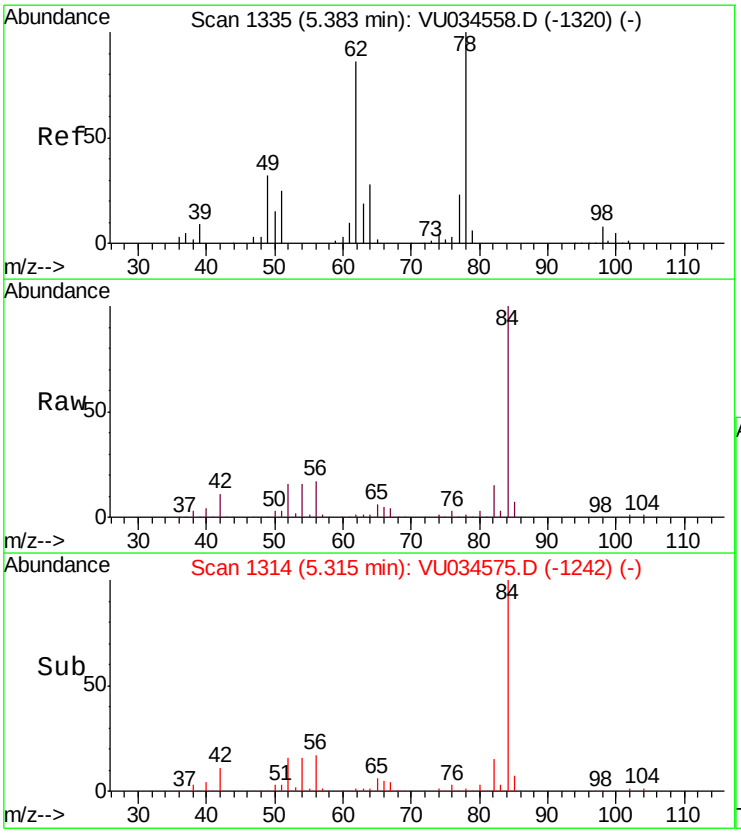
#12
1,1-Dichloroethene
Concen: 0.974 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU034575.D
Acq: 16 Sep 2019 19:19

Instrument : MSVOA_U
ClientSampleId : C0MD3

Tgt Ion: 96 Resp: 1411

Ion	Ratio	Lower	Upper
96	100		
61	988.2	117.8	218.8#
63	7794.6	83.8	155.6#

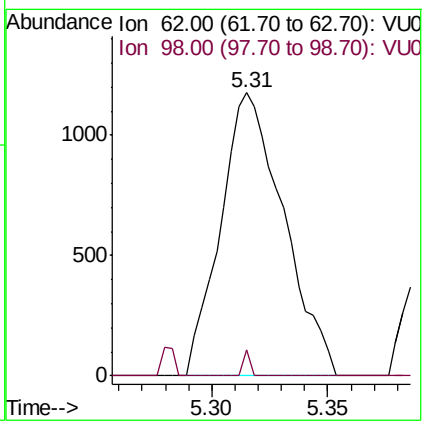


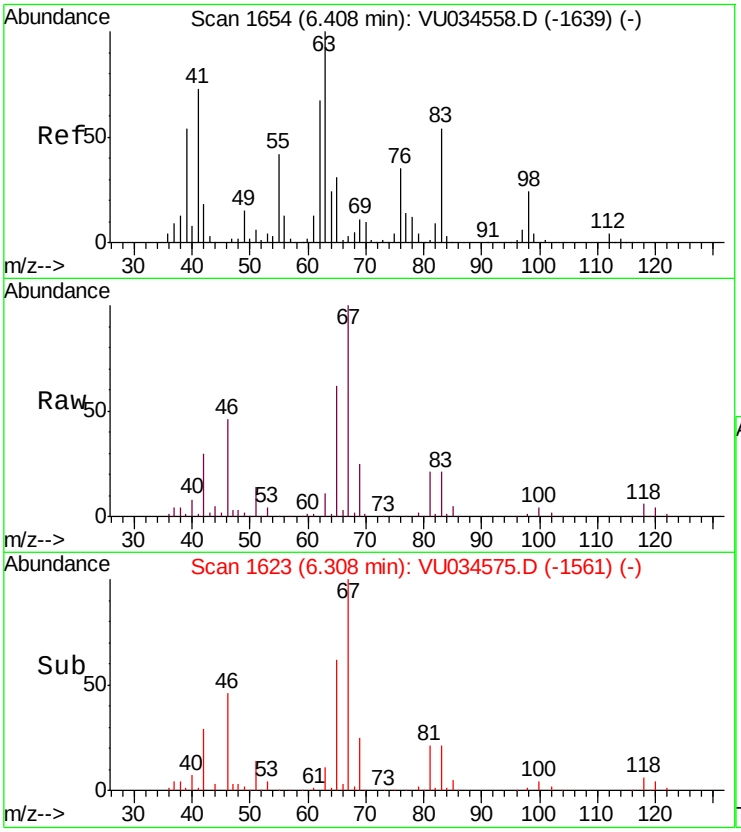


#27
1,2-Dichloroethane
Concen: 0.859 ug/L
RT: 5.31 min Scan# 1314
Delta R.T. -0.07 min
Lab File: VU034575.D
Acq: 16 Sep 2019 19:19

Tgt Ion: 62 Resp: 2219

Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.4	11.0



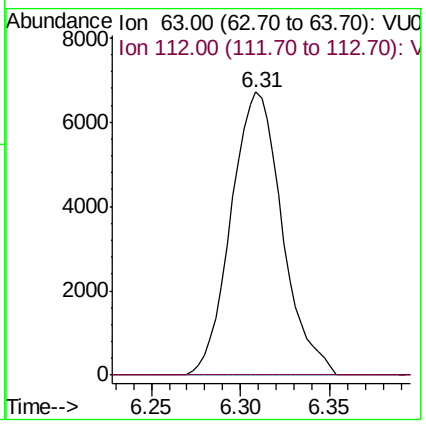


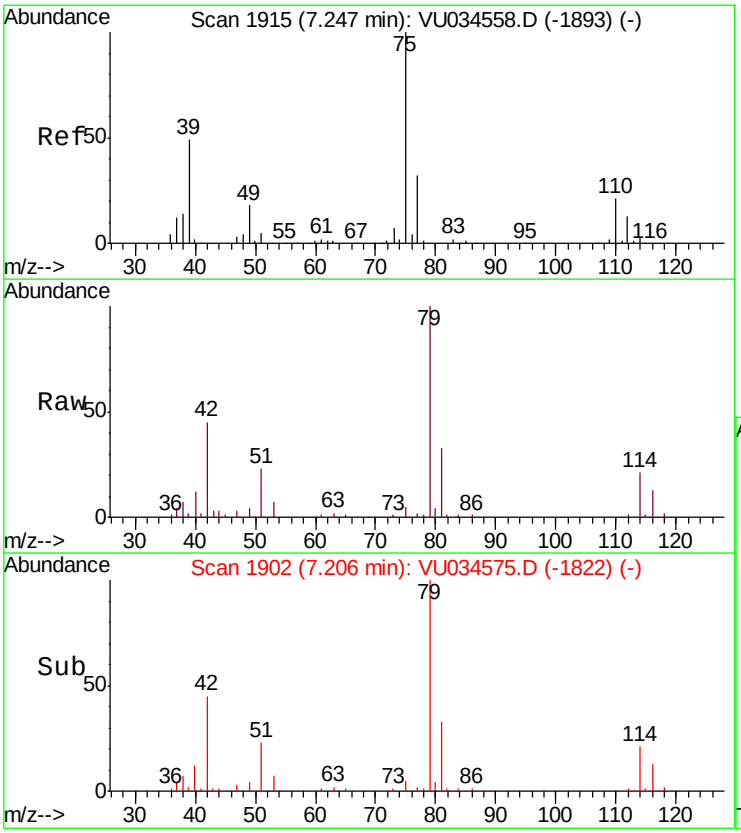
#37
1,2-Dichloropropane
Concen: 6.171 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034575.D
Acq: 16 Sep 2019 19:19

Instrument : MSVOA_U
ClientSampleId : C0MD3

Tgt Ion: 63 Resp: 13440

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

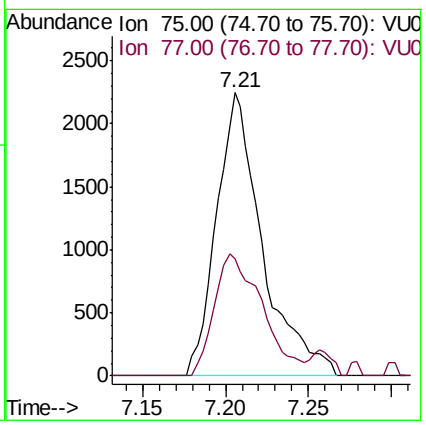


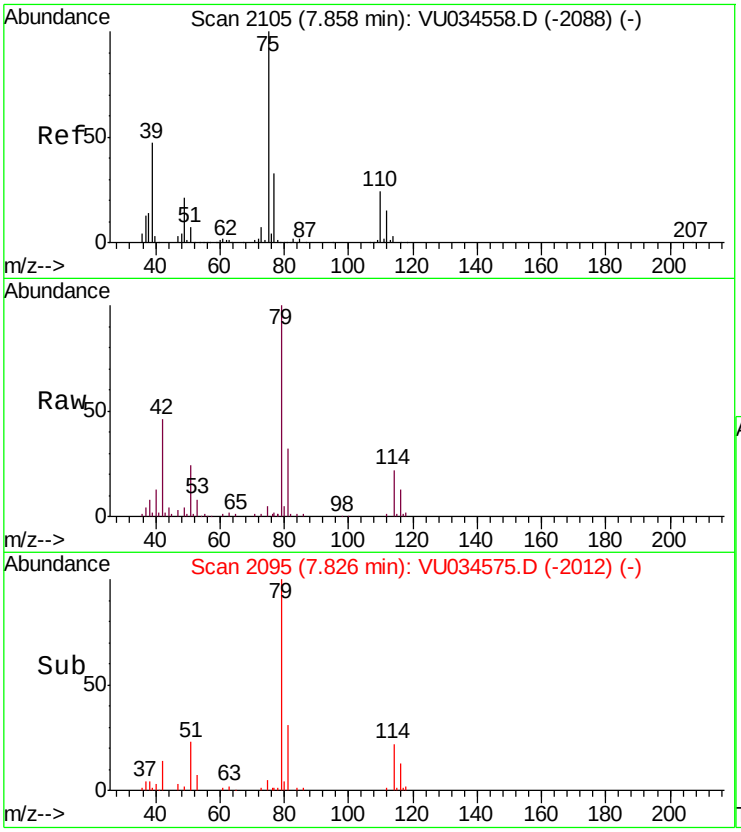


#39
cis-1,3-Dichloropropene
Concen: 1.318 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.04 min
Lab File: VU034575.D
Acq: 16 Sep 2019 19:19

Tgt Ion: 75 Resp: 4312

Ion	Ratio	Lower	Upper
75	100		
77	41.5	22.3	41.3#



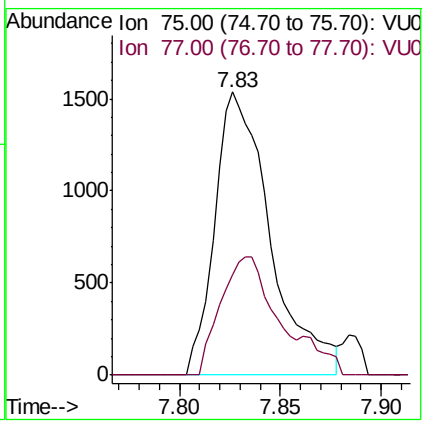


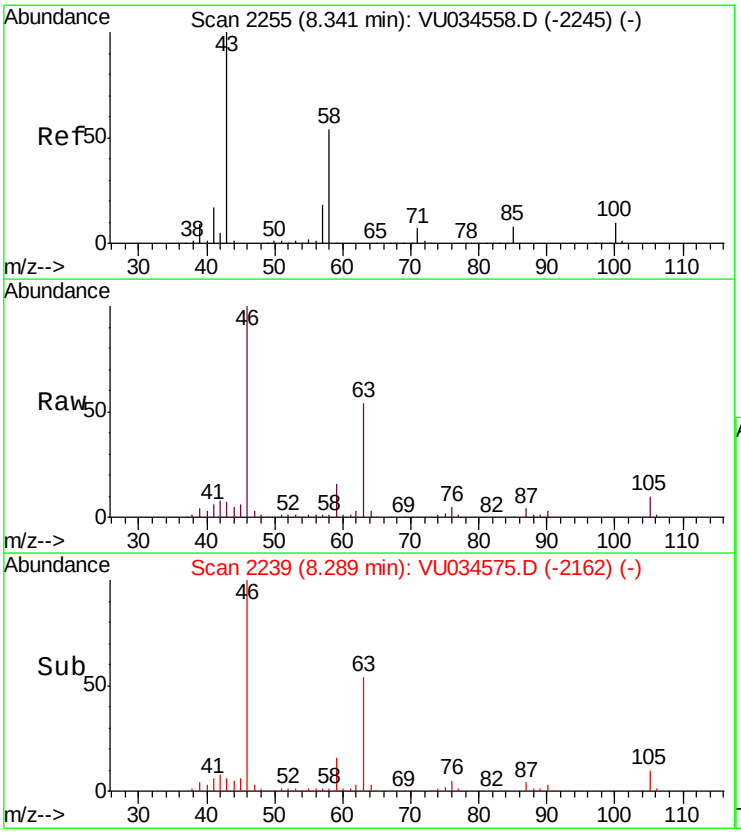
#44
trans-1,3-Dichloropropene
Concen: 0.986 ug/L
RT: 7.83 min Scan# 2095
Delta R.T. -0.03 min
Lab File: VU034575.D
Acq: 16 Sep 2019 19:19

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Tgt Ion: 75 Resp: 2959

Ion	Ratio	Lower	Upper
75	100		
77	35.3	22.9	42.5

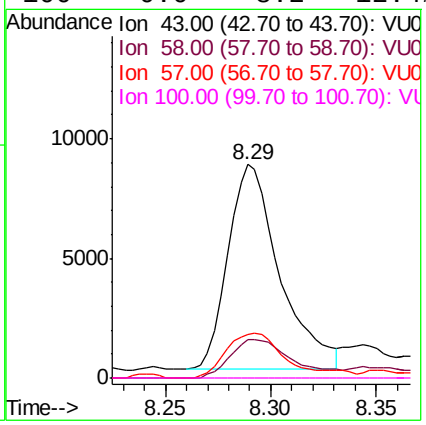


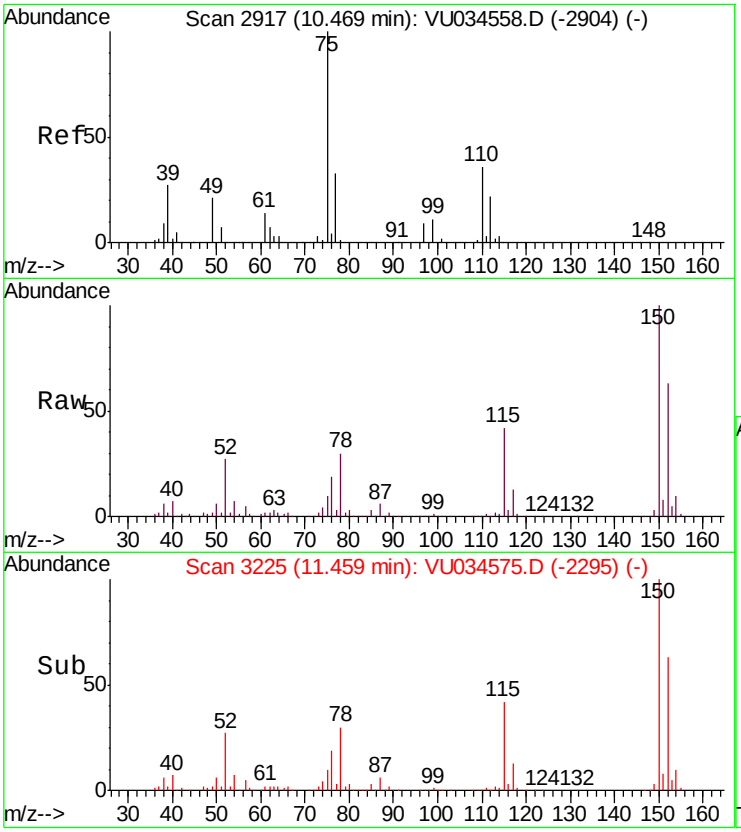


#48
2-Hexanone
Concen: 5.098 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
Lab File: VU034575.D
Acq: 16 Sep 2019 19:19

Tgt Ion: 43 Resp: 14510

Ion	Ratio	Lower	Upper
43	100		
58	23.1	43.3	64.9#
57	24.2	13.1	19.7#
100	0.0	8.2	12.4#





#59
1,2,3-Trichloropropane
Concen: 5.881 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034575.D
Acq: 16 Sep 2019 19:19

Instrument :
MSVOA_U
ClientSampleId :
C0MD3

Tgt Ion: 75 Resp: 17495

Ion	Ratio	Lower	Upper
75	100		
77	36.0	26.1	39.1