Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080219\

Quantitation Report (Not Reviewed)

Data File : VU033563.D
Acq On : 02 Aug 2019 12:37
Operator : JC/SP
Sample : K4103-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB9F8

Quant Time: Aug 03 00:42:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	288593	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	286831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	129404	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	135249	64.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 128.92%			
7) Chloroethane-d5	1.67	69	110669	61.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 122.94%			
11) 1,1-Dichloroethene-d2	2.26	63	178840	46.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.92%			
21) 2-Butanone-d5	4.15	46	191731	137.96	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 137.96%#			
24) Chloroform-d	4.62	84	202564	57.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.18%			
26) 1,2-Dichloroethane-d4	5.29	65	136793	61.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.84%			
32) Benzene-d6	5.32	84	431550	60.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.38%			
36) 1,2-Dichloropropane-d6	6.31	67	133649	59.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 119.92%			
41) Toluene-d8	7.55	98	386364	57.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.98%			
43) trans-1,3-Dichloropropene-	7.83	79	64968	58.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 117.52%			
47) 2-Hexanone-d5	8.29	63	131222	124.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 124.00%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	203388	59.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 118.36%			
64) 1,2-Dichlorobenzene-d4	11.85	152	147527	62.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 124.52%#			

Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	4975	1.693	ug/L #	45
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1578	0.810	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	11740	6.282	ug/L #	1
13) Acetone	2.30	43	1168	0.821	ug/L	91
17) trans-1,2-Dichloroethene	2.96	96	9237	4.718	ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	5104631	2322.678	ug/L	98
25) Chloroform	4.64	83	2474	0.640	ug/L	84
34) Trichloroethene	6.17	95	7782351	3565.435	ug/L	96
37) 1,2-Dichloropropane	6.31	63	14395	6.499	ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3584	1.037	ug/L #	57
40) 4-Methyl-2-pentanone	7.55	43	1616	0.528	ug/L #	1
44) trans-1,3-Dichloropropene	7.83	75	2871	0.919	ug/L	84
59) 1,2,3-Trichloropropane	11.47	75	15045	5.146	ug/L	93

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

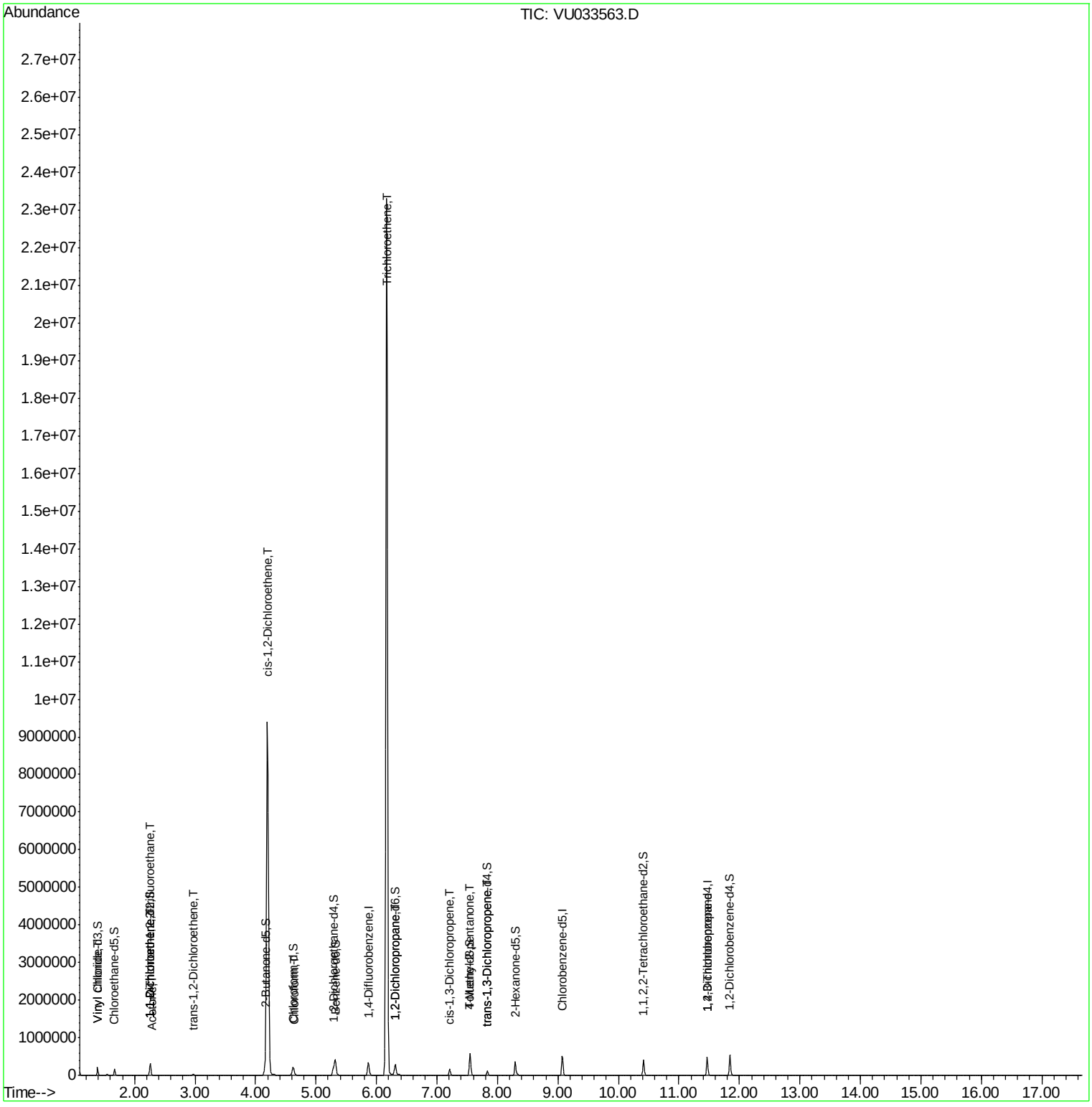
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080219\

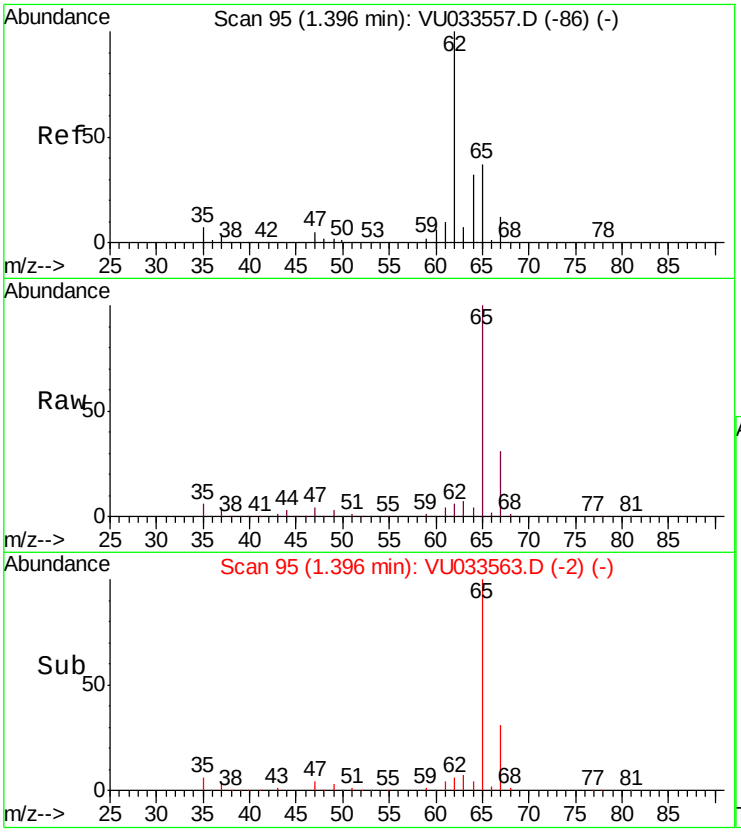
Quantitation Report (Not Reviewed)

Data File : VU033563.D
Acq On : 02 Aug 2019 12:37
Operator : JC/SP
Sample : K4103-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F8

Quant Time: Aug 03 00:42:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration



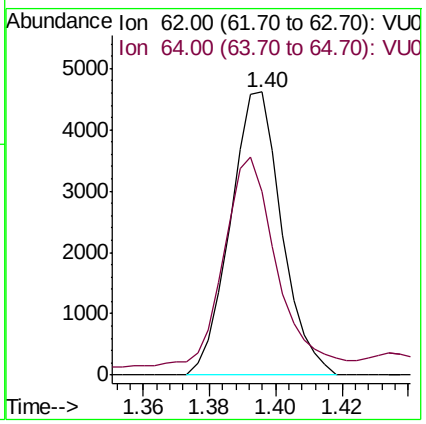


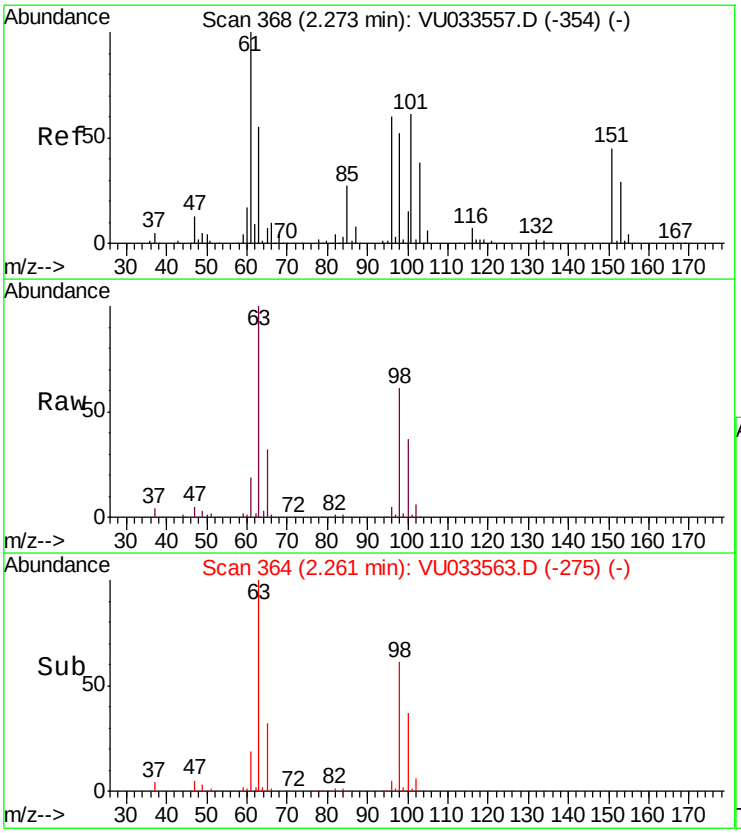
#5
Vinyl chloride
Concen: 1.693 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Instrument :
MSVOA_U
ClientSampleId :
DB9F8

Tgt Ion: 62 Resp: 4975

Ion	Ratio	Lower	Upper
62	100		
64	64.9	23.4	43.4#

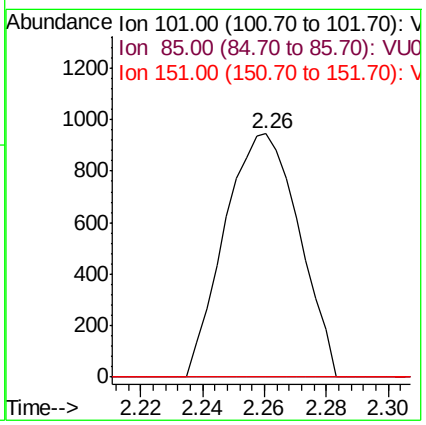


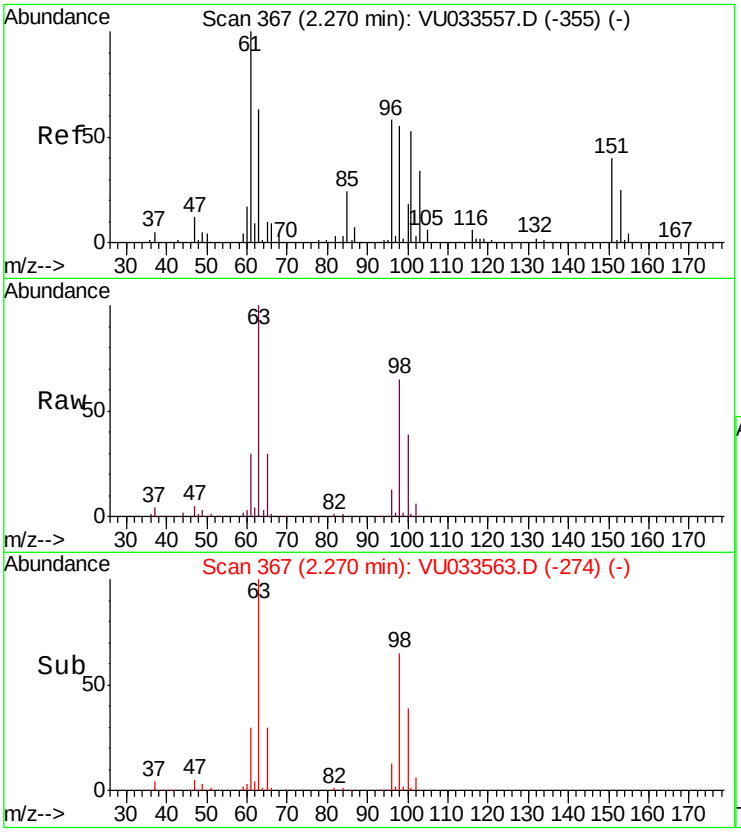


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.810 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Tgt Ion:101 Resp: 1578

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.8#
151	0.0	60.1	90.1#



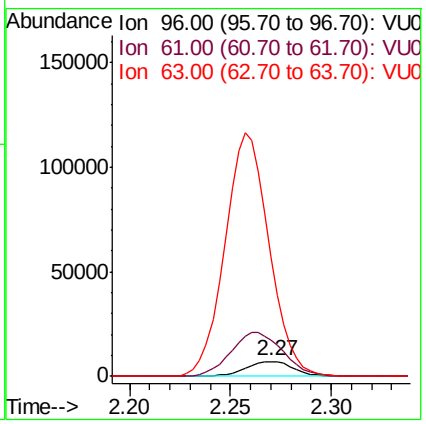


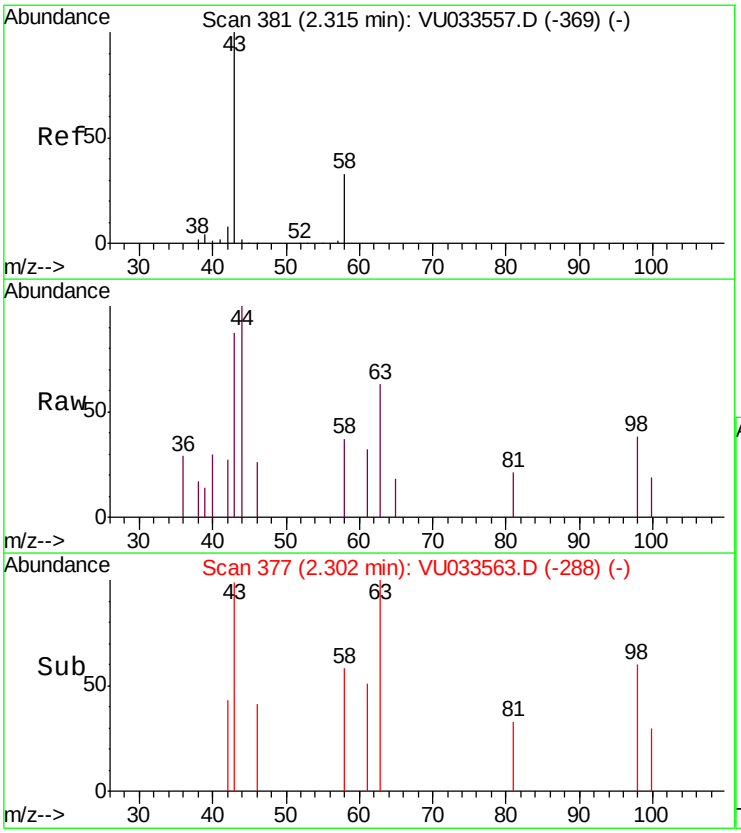
#12
1,1-Dichloroethene
Concen: 6.282 ug/L
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Instrument : MSVOA_U
ClientSampleId : DB9F8

Tgt Ion: 96 Resp: 11740

Ion	Ratio	Lower	Upper
96	100		
61	239.7	119.3	221.5#
63	794.5	86.6	160.8#

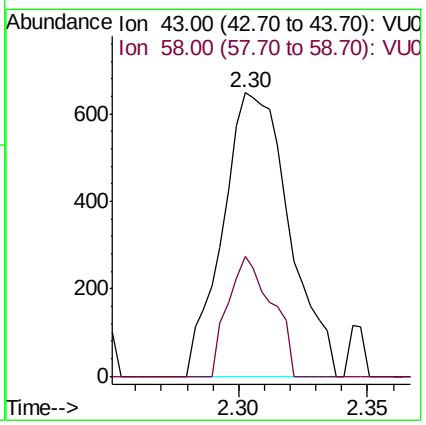


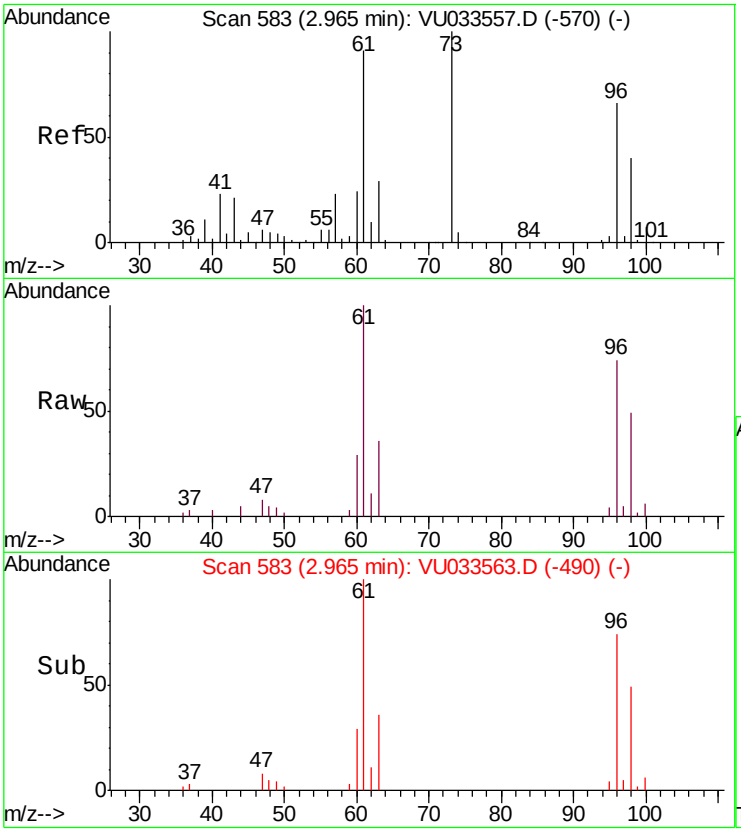


#13
Acetone
Concen: 0.821 ug/L
RT: 2.30 min Scan# 377
Delta R.T. -0.01 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Tgt Ion: 43 Resp: 1168

Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	66.2



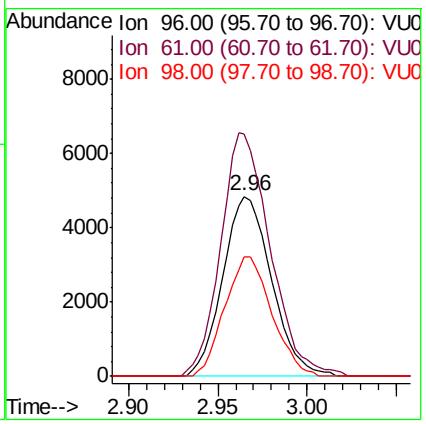


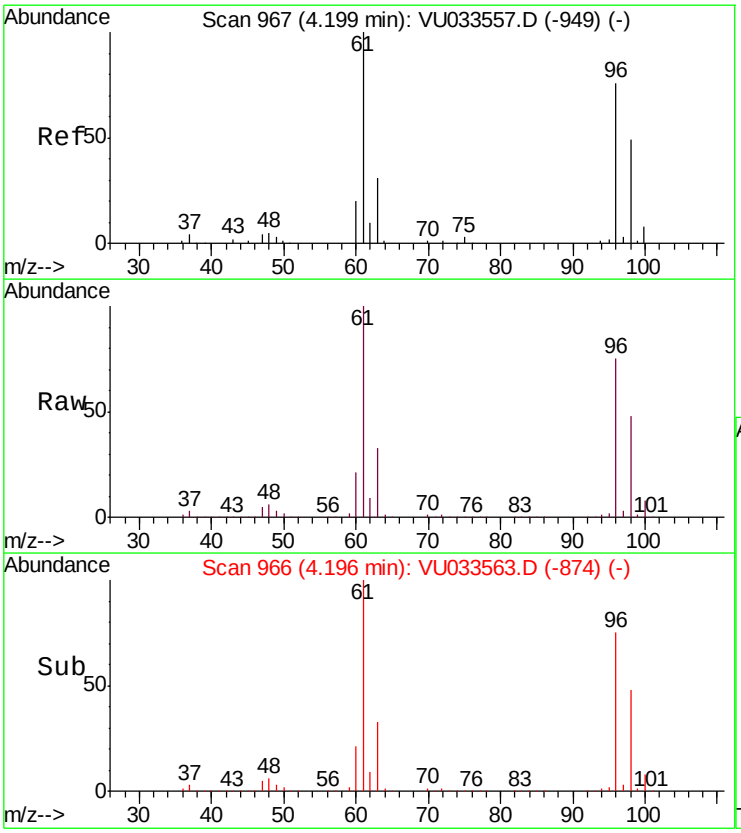
#17
trans-1,2-Dichloroethene
Concen: 4.718 ug/L
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Instrument :
MSVOA_U
ClientSampleId :
DB9F8

Tgt Ion: 96 Resp: 9237

Ion	Ratio	Lower	Upper
96	100		
61	134.5	98.3	182.5
98	66.1	44.3	82.3

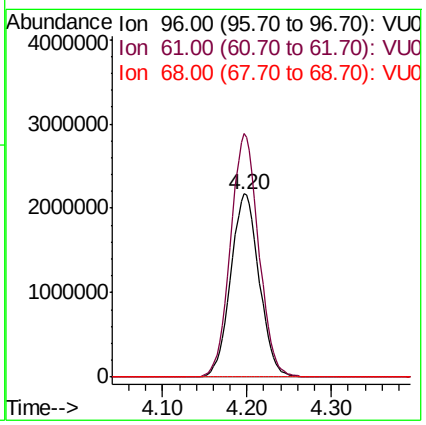


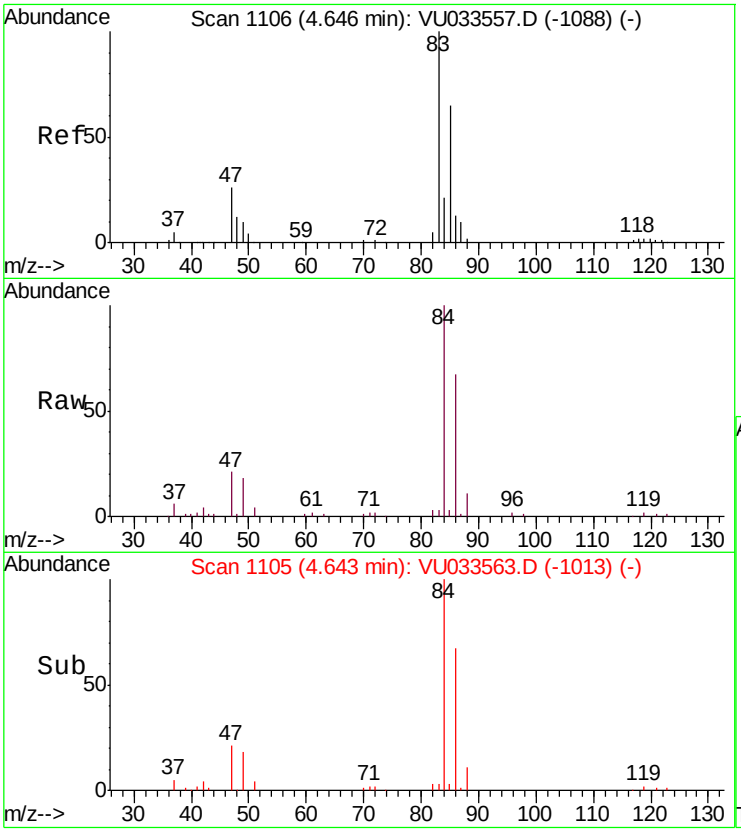


#20
cis-1,2-Dichloroethene
Concen: 2322.678 ug/L
RT: 4.20 min Scan# 966
Delta R.T. -0.00 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Tgt Ion: 96 Resp: 5104631

Ion	Ratio	Lower	Upper
96	100		
61	133.2	91.3	169.6
68	0.0	0.0	0.0



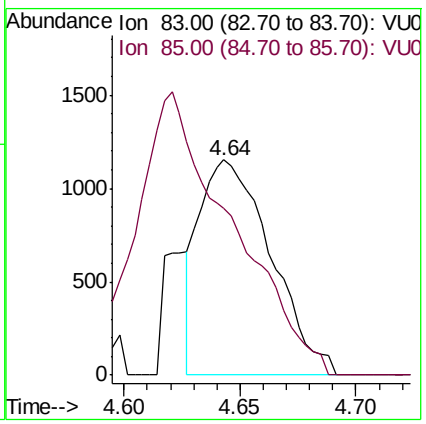


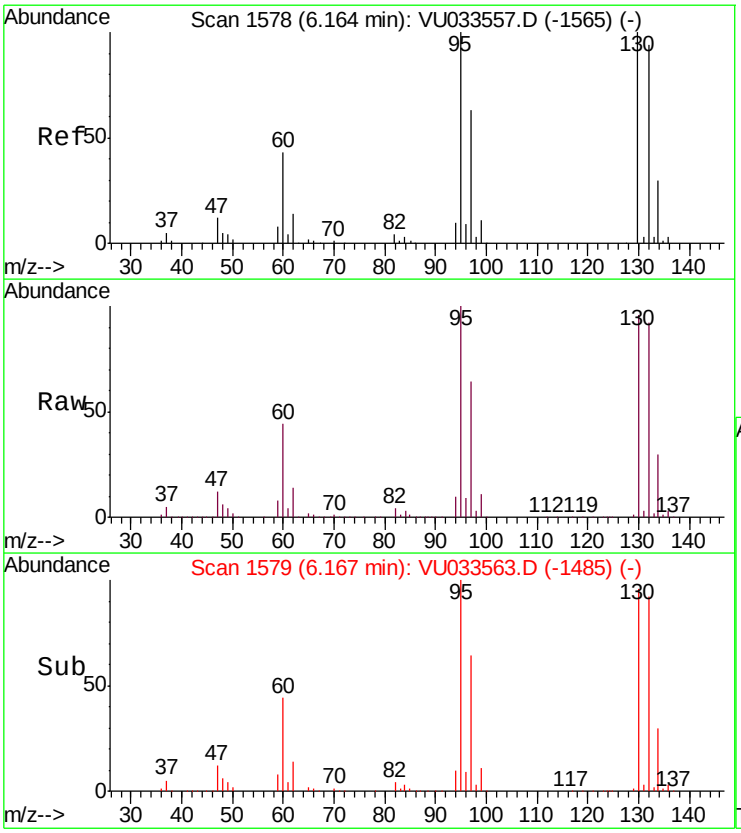
#25
Chloroform
Concen: 0.640 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Instrument : MSVOA_U
ClientSampleId : DB9F8

Tgt Ion: 83 Resp: 2474

Ion	Ratio	Lower	Upper
83	100		
85	77.7	45.6	84.8

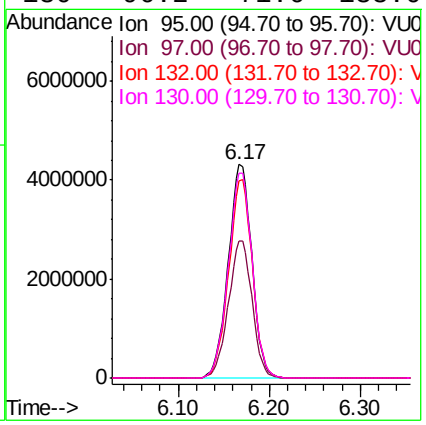


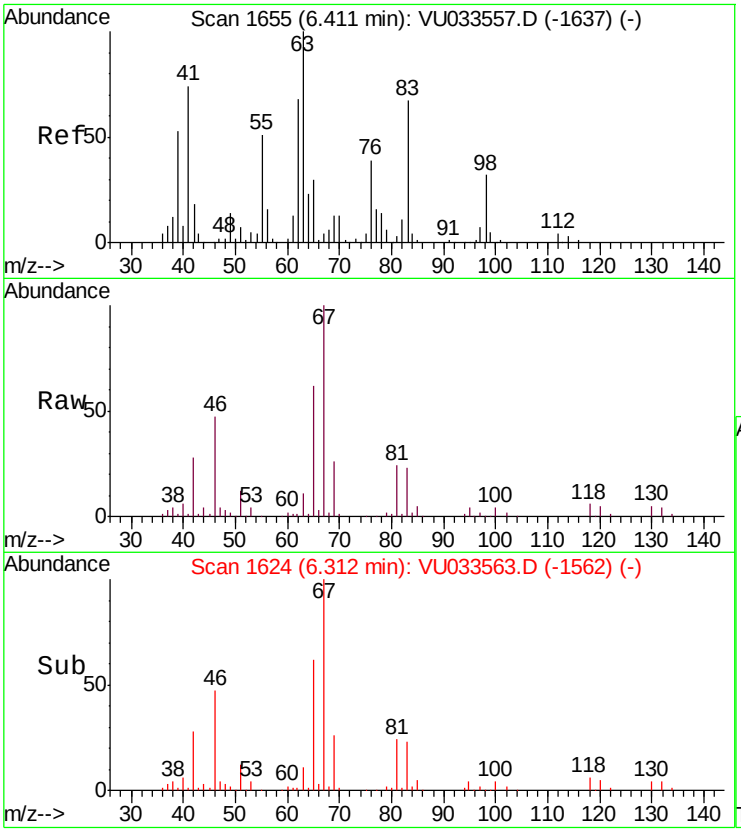


#34
Trichloroethene
Concen: 3565.435 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Tgt Ion: 95 Resp: 7782351

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.7	83.1
132	92.4	66.8	124.0
130	96.2	71.6	133.0



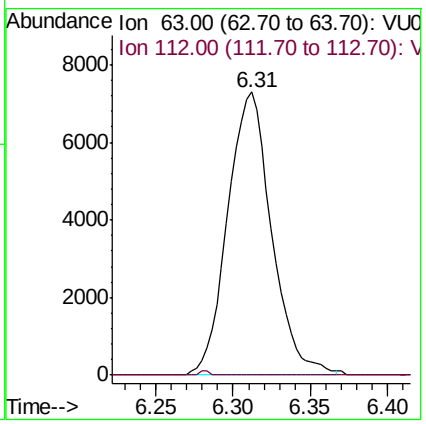


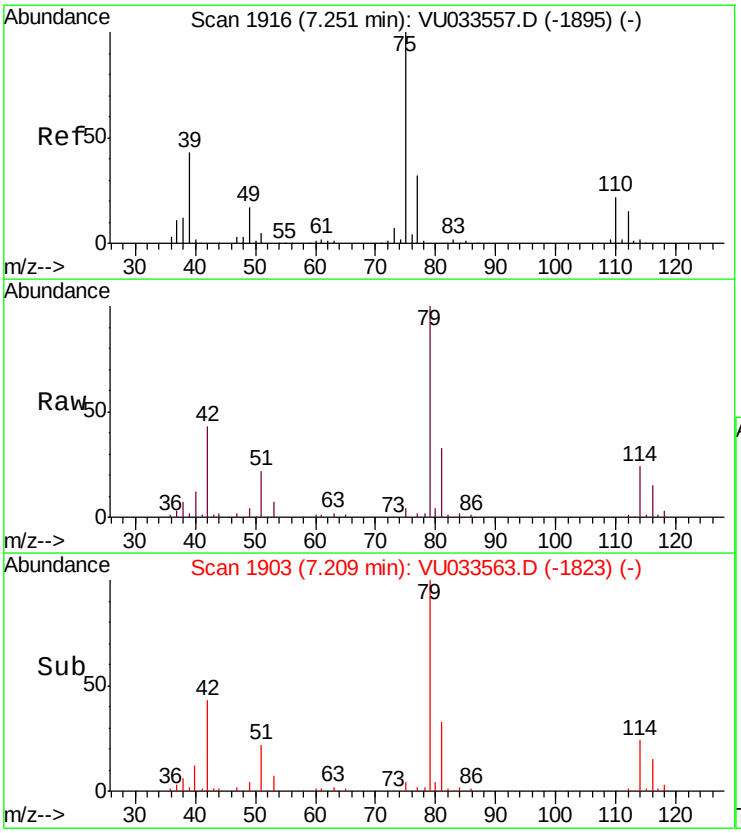
#37
1,2-Dichloropropane
Concen: 6.499 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Instrument : MSVOA_U
ClientSampleId : DB9F8

Tgt Ion: 63 Resp: 14395

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.0	4.6#

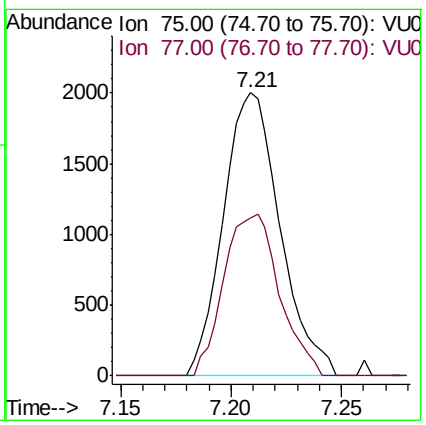


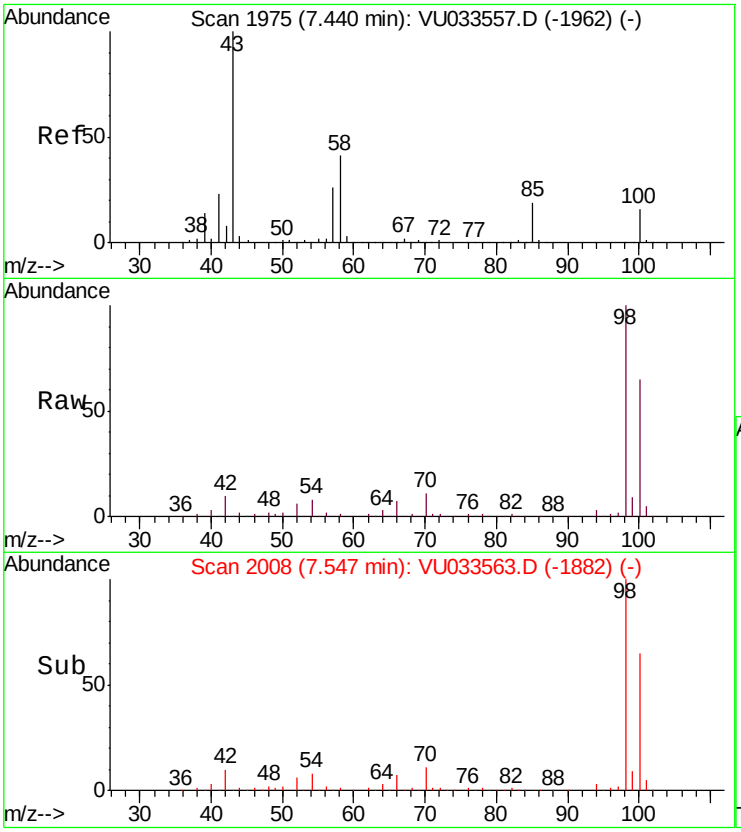


#39
cis-1,3-Dichloropropene
Concen: 1.037 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Tgt Ion: 75 Resp: 3584

Ion	Ratio	Lower	Upper
75	100		
77	55.9	22.3	41.5#



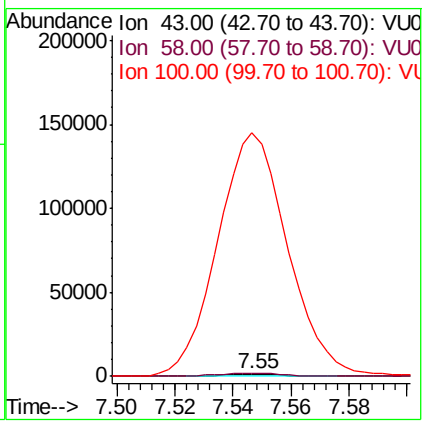


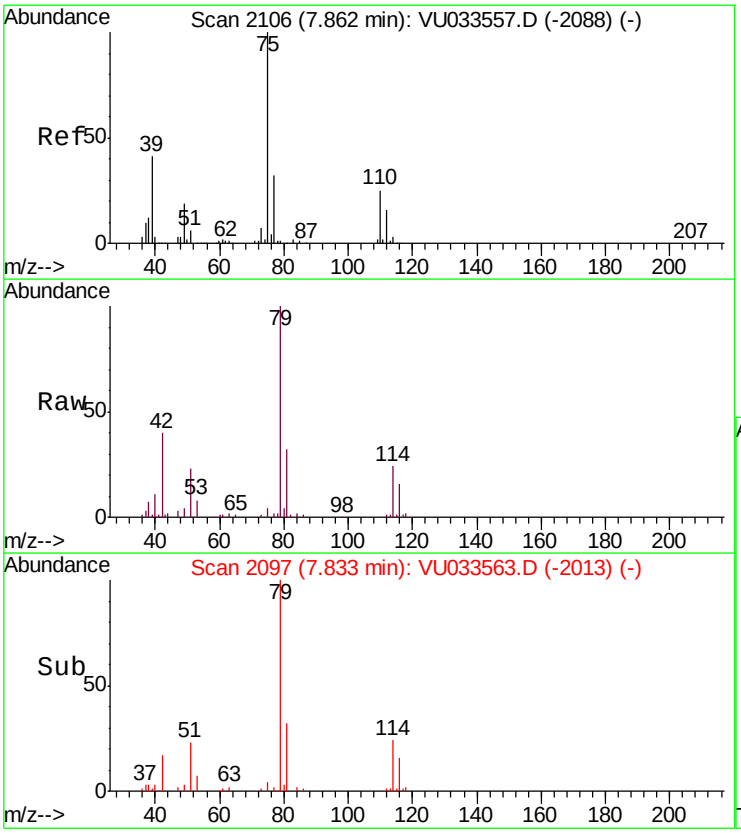
#40
4-Methyl-2-pentanone
Concen: 0.528 ug/L
RT: 7.55 min Scan# 2008
Delta R.T. 0.11 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Instrument :
MSVOA_U
ClientSampleId :
DB9F8

Tgt Ion: 43 Resp: 1616

Ion	Ratio	Lower	Upper
43	100		
58	192.3	32.8	49.2#
100	15181.1	12.9	19.3#

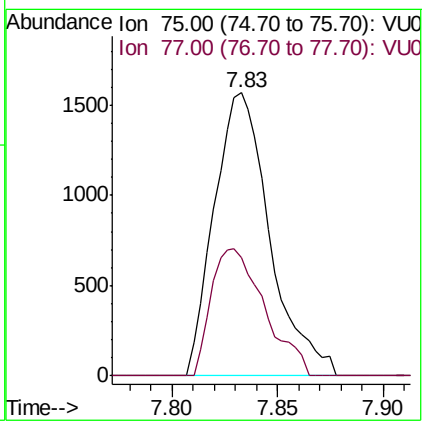


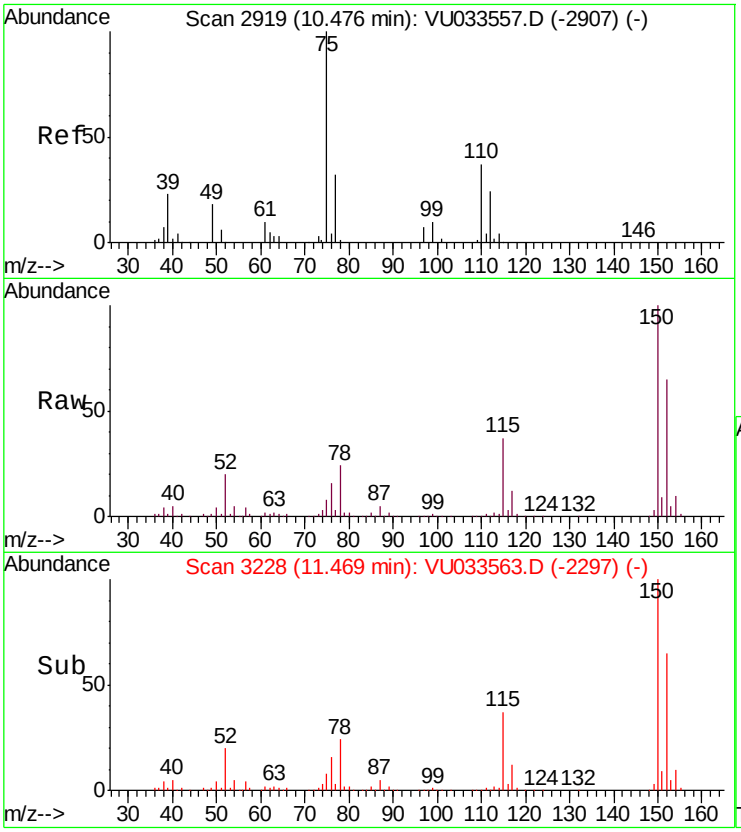


#44
trans-1,3-Dichloropropene
Concen: 0.919 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Tgt Ion: 75 Resp: 2871

Ion	Ratio	Lower	Upper
75	100		
77	41.6	22.7	42.1





#59
1,2,3-Trichloropropane
Concen: 5.146 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033563.D
Acq: 02 Aug 2019 12:37

Instrument :
MSVOA_U
ClientSampleId :
DB9F8

Tgt Ion: 75 Resp: 15045

Ion	Ratio	Lower	Upper
75	100		
77	36.2	25.8	38.6