Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\

Quantitation Report (Not Reviewed)

Data File : VU033224.D
Acq On : 12 Jul 2019 16:13
Operator : JC/SP
Sample : K3724-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8T8

Quant Time: Jul 13 00:12:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	299690	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	296223	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	131468	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	122904	54.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.34%			
7) Chloroethane-d5	1.67	69	105525	54.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.90%			
11) 1,1-Dichloroethene-d2	2.26	63	180451	43.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.70%			
21) 2-Butanone-d5	4.15	46	148467	103.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.28%			
24) Chloroform-d	4.62	84	195235	51.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.70%			
26) 1,2-Dichloroethane-d4	5.29	65	131500	53.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.86%			
32) Benzene-d6	5.32	84	411191	56.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.16%			
36) 1,2-Dichloropropane-d6	6.31	67	130827	56.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.40%			
41) Toluene-d8	7.55	98	364598	53.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.40%			
43) trans-1,3-Dichloropropene-	7.83	79	61072	53.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.00%			
47) 2-Hexanone-d5	8.29	63	121698	115.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.97%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	187881	53.33	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.66%			
64) 1,2-Dichlorobenzene-d4	11.85	152	134614	57.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.84%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1761	0.861	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1420	0.710	ug/L #	1
13) Acetone	2.31	43	9846	5.482	ug/L	100
25) Chloroform	4.64	83	3013	0.713	ug/L	76
37) 1,2-Dichloropropane	6.31	63	13732	5.861	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4533	1.262	ug/L	94
44) trans-1,3-Dichloropropene	7.83	75	2876	0.888	ug/L	87
59) 1,2,3-Trichloropropane	11.47	75	16614	5.447	ug/L	94

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

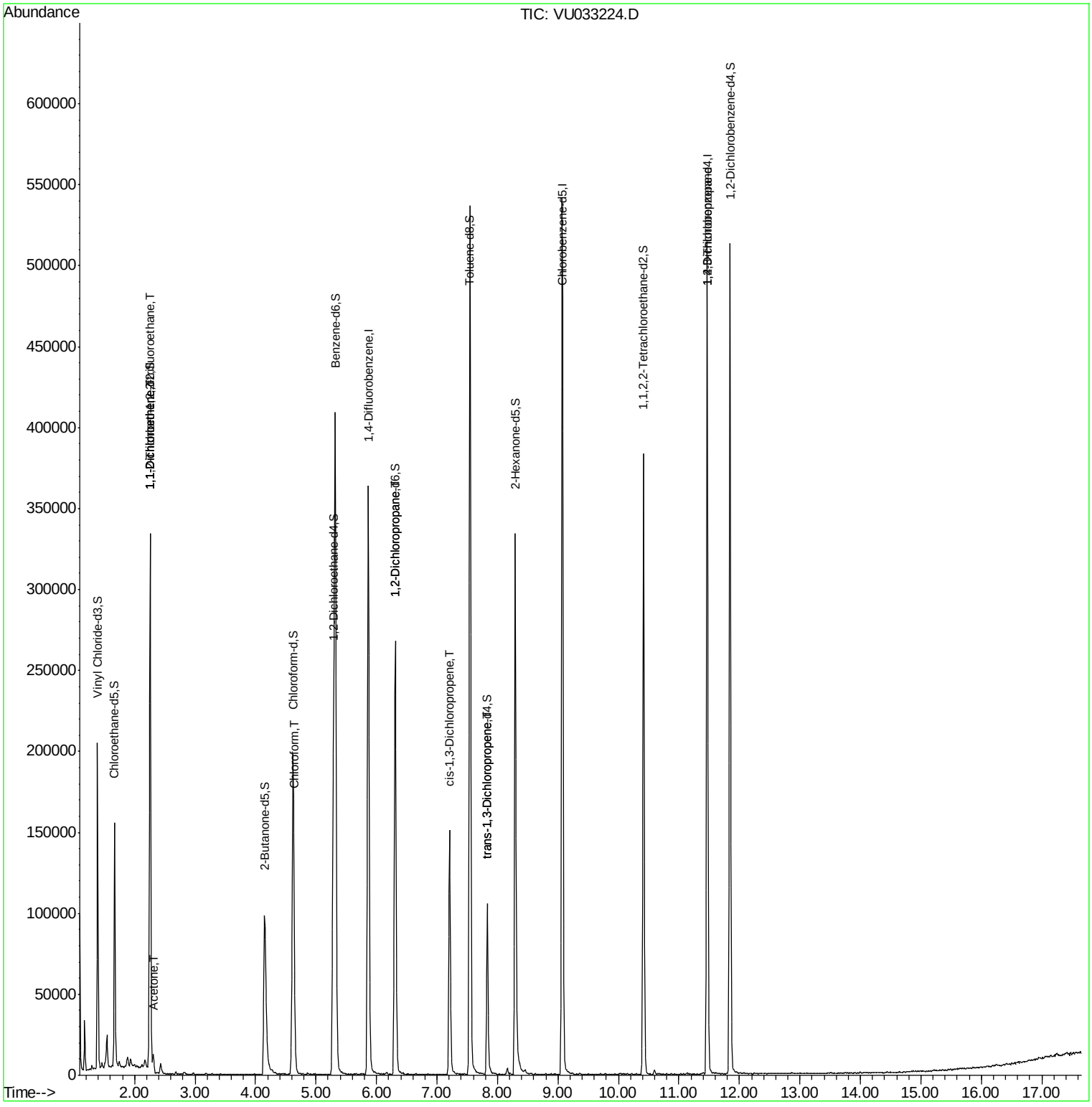
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\

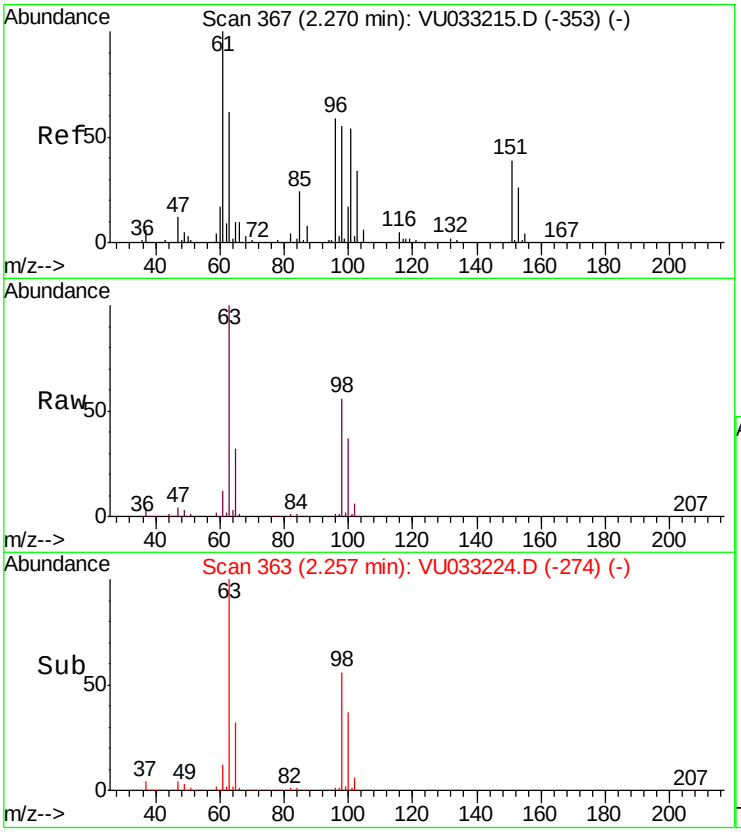
Quantitation Report (Not Reviewed)

Data File : VU033224.D
Acq On : 12 Jul 2019 16:13
Operator : JC/SP
Sample : K3724-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8T8

Quant Time: Jul 13 00:12:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration



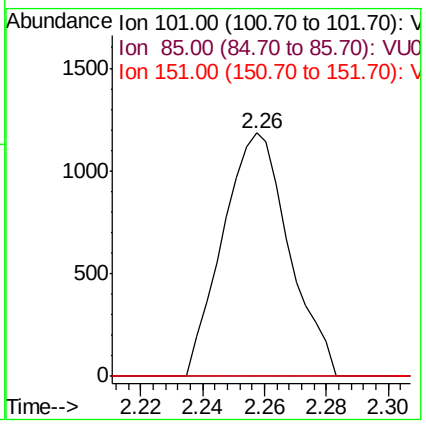


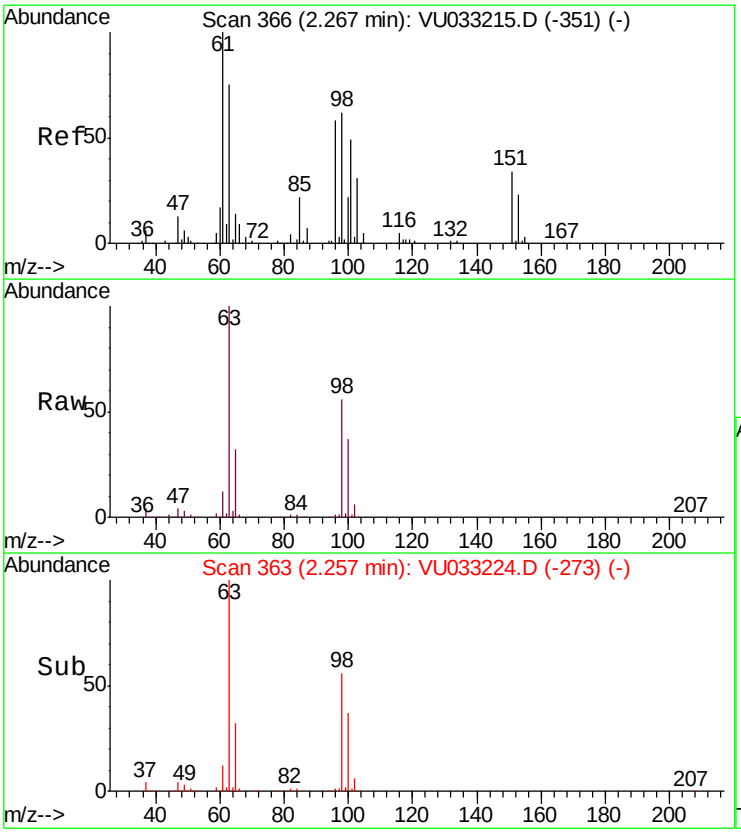
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.861 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033224.D
Acq: 12 Jul 2019 16:13

Instrument : MSVOA_U
ClientSampleId : DB8T8

Tgt Ion:101 Resp: 1761

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.8#
151	0.0	56.7	85.1#

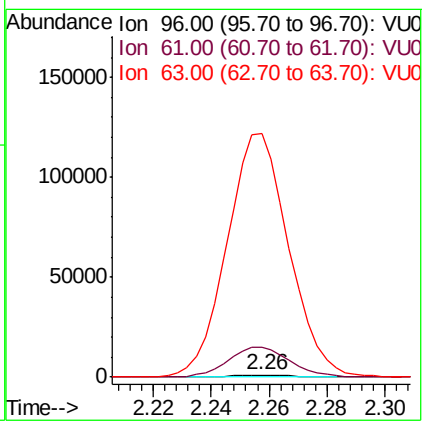


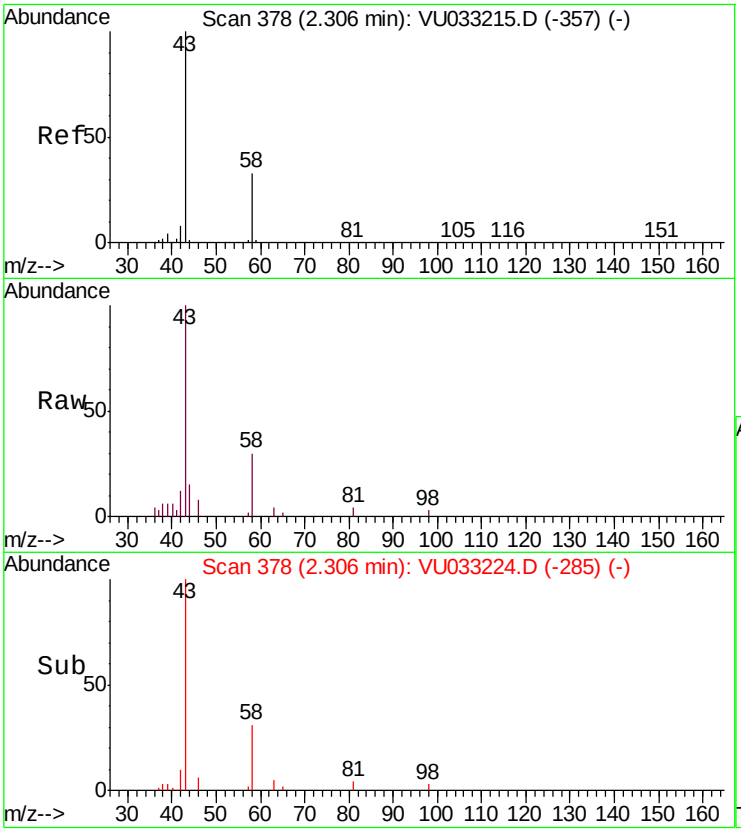


#12
1,1-Dichloroethene
Concen: 0.710 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.01 min
Lab File: VU033224.D
Acq: 12 Jul 2019 16:13

Tgt Ion: 96 Resp: 1420

Ion	Ratio	Lower	Upper
96	100		
61	1745.0	126.1	234.1#
63	13992.2	96.8	179.8#



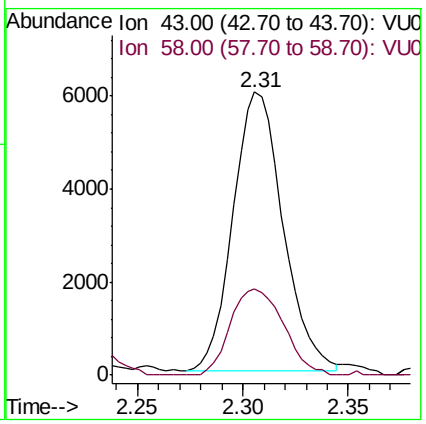


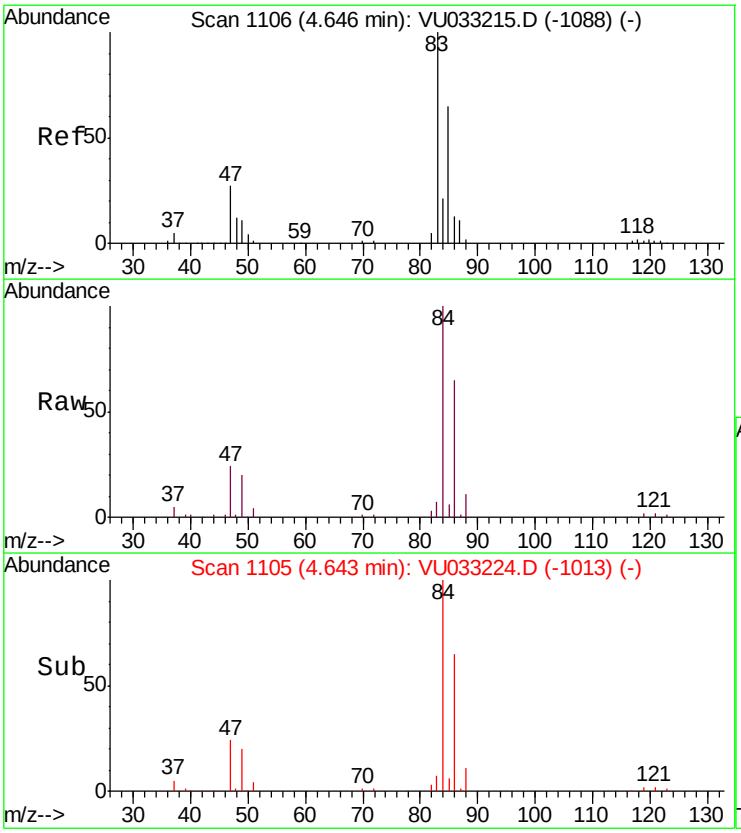
#13
Acetone
Concen: 5.482 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VU033224.D
Acq: 12 Jul 2019 16:13

Instrument :
MSVOA_U
ClientSampleId :
DB8T8

Tgt Ion: 43 Resp: 9846

Ion	Ratio	Lower	Upper
43	100		
58	32.9	0.0	65.4

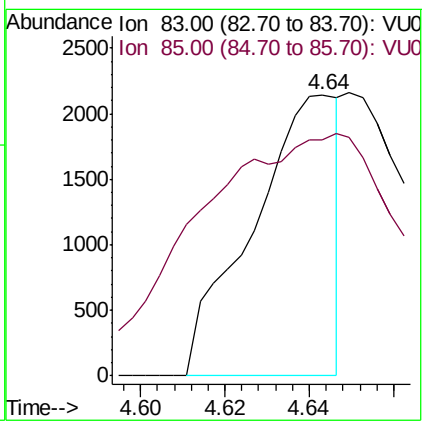


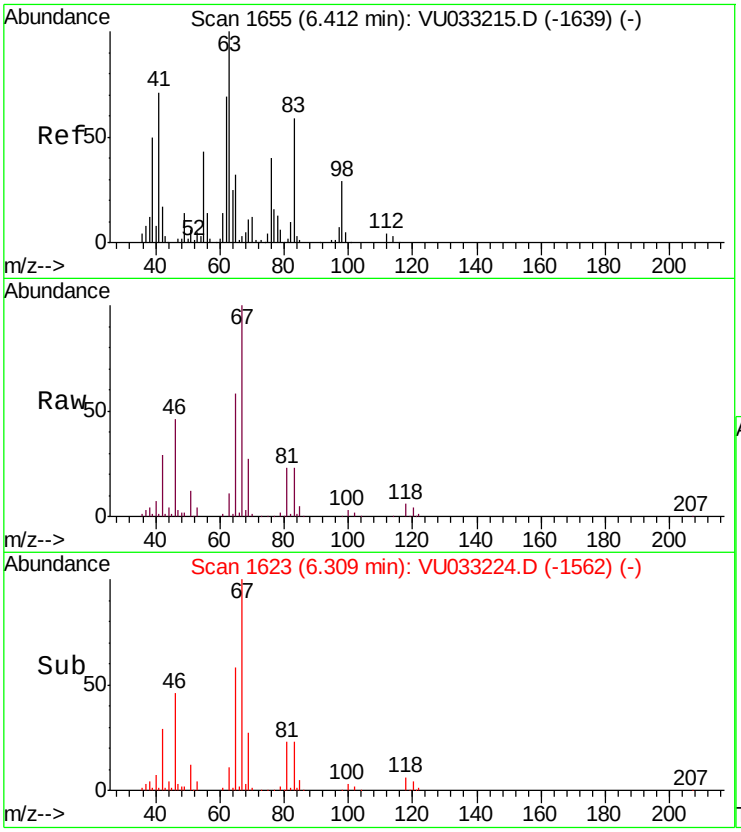


#25
Chloroform
Concen: 0.713 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VU033224.D
Acq: 12 Jul 2019 16:13

Tgt Ion: 83 Resp: 3013

Ion	Ratio	Lower	Upper
83	100		
85	84.1	45.4	84.4



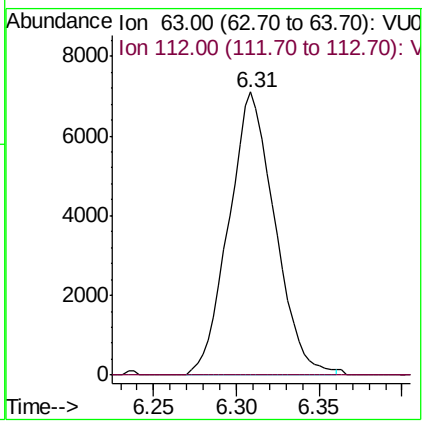


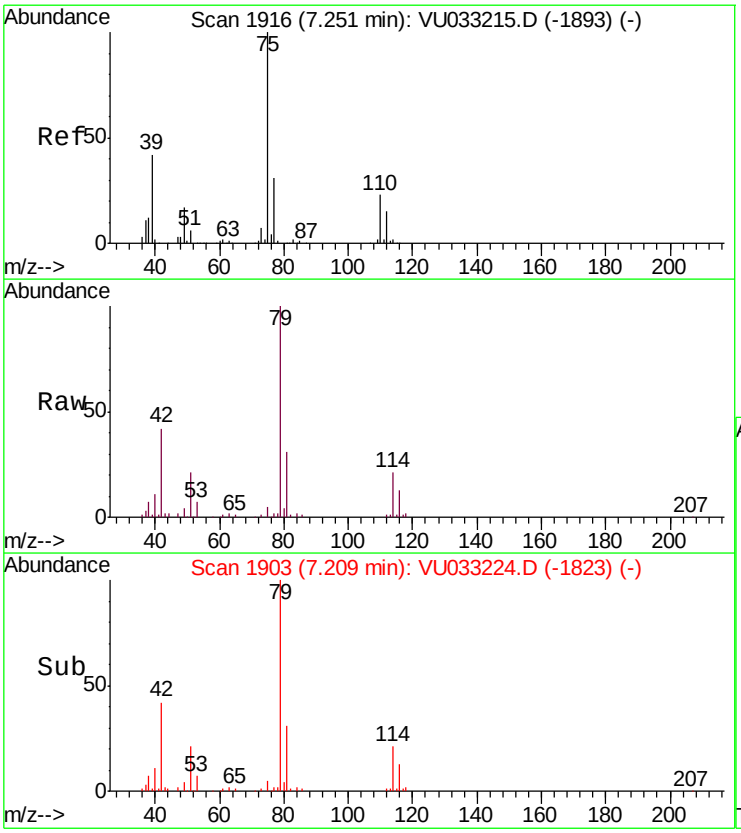
#37
1,2-Dichloropropane
Concen: 5.861 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033224.D
Acq: 12 Jul 2019 16:13

Instrument : MSVOA_U
ClientSampleId : DB8T8

Tgt Ion: 63 Resp: 13732

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

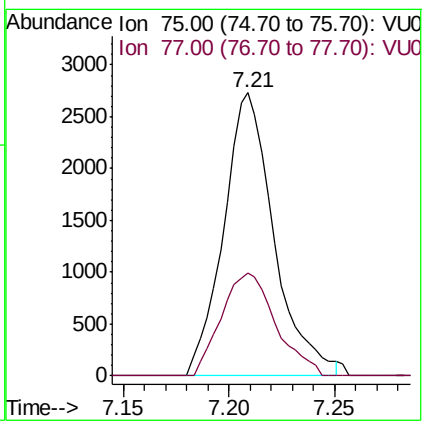


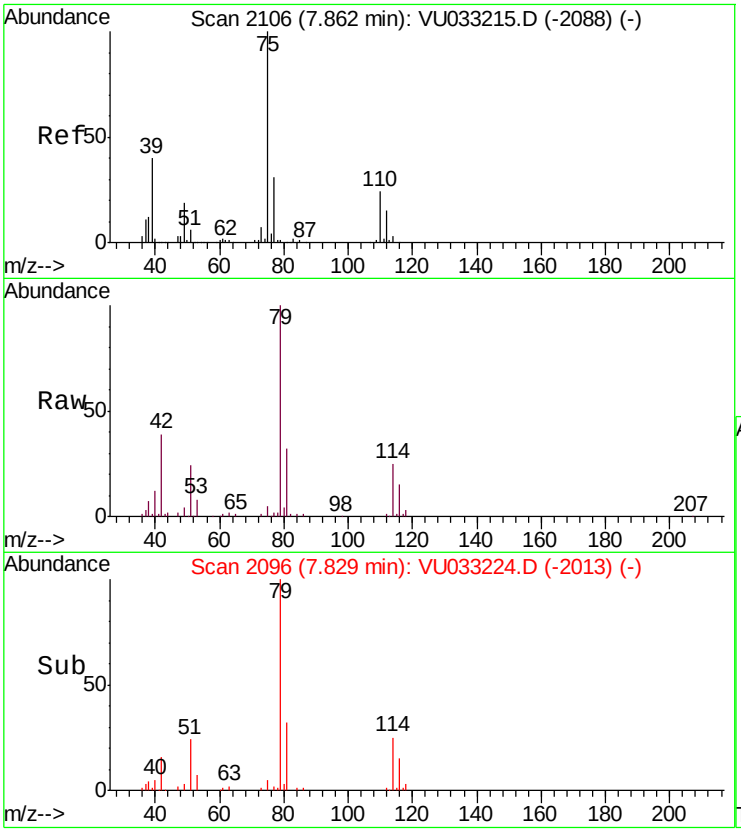


#39
cis-1,3-Dichloropropene
Concen: 1.262 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033224.D
Acq: 12 Jul 2019 16:13

Tgt Ion: 75 Resp: 4533

Ion	Ratio	Lower	Upper
75	100		
77	36.3	23.1	42.9



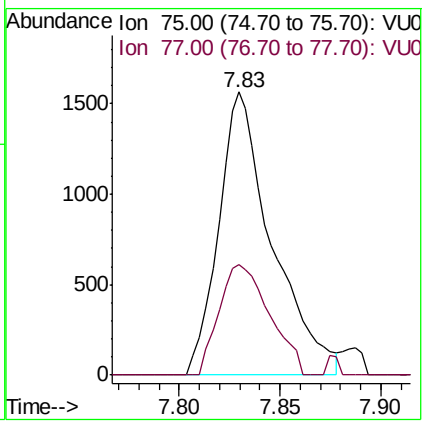


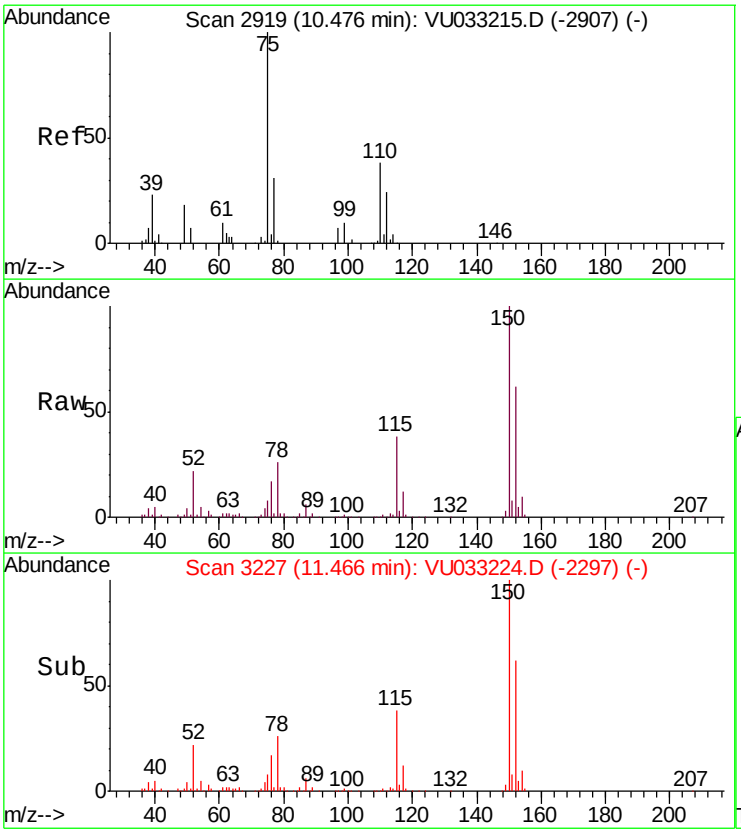
#44
trans-1,3-Dichloropropene
Concen: 0.888 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033224.D
Acq: 12 Jul 2019 16:13

Instrument :
MSVOA_U
ClientSampleId :
DB8T8

Tgt Ion: 75 Resp: 2876

Ion	Ratio	Lower	Upper
75	100		
77	39.0	22.4	41.6





#59
1,2,3-Trichloropropane
Concen: 5.447 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033224.D
Acq: 12 Jul 2019 16:13

Tgt Ion: 75 Resp: 16614

Ion	Ratio	Lower	Upper
75	100		
77	35.8	26.0	39.0