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

Quantitation Report (Not Reviewed)

Data File : VU033577.D
Acq On : 02 Aug 2019 18:01
Operator : JC/SP
Sample : K4103-20DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB9G2DL

Quant Time: Aug 03 00:44:38 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	307617	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	308123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	144494	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	124196	55.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 111.06%			
7) Chloroethane-d5	1.67	69	109597	57.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 114.22%			
11) 1,1-Dichloroethene-d2	2.26	63	172776	42.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.12%			
21) 2-Butanone-d5	4.15	46	175460	118.45	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.45%			
24) Chloroform-d	4.62	84	199516	53.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.44%			
26) 1,2-Dichloroethane-d4	5.29	65	133018	56.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.06%			
32) Benzene-d6	5.32	84	411628	53.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.78%			
36) 1,2-Dichloropropane-d6	6.31	67	132650	55.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.80%			
41) Toluene-d8	7.55	98	359346	50.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	7.83	79	58918	49.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.20%			
47) 2-Hexanone-d5	8.29	63	124590	109.60	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.60%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	191660	51.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.82%			
64) 1,2-Dichlorobenzene-d4	11.85	152	142149	53.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.44%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1563	0.752	ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1559	0.783	ug/L #	1
20) cis-1,2-Dichloroethene	4.20	96	91814	39.193	ug/L	99
34) Trichloroethene	6.16	95	99223	42.317	ug/L	97
37) 1,2-Dichloropropane	6.31	63	13957	5.866	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3578	0.963	ug/L #	59
44) trans-1,3-Dichloropropene	7.83	75	2604	0.776	ug/L	97
59) 1,2,3-Trichloropropane	11.47	75	16853	5.366	ug/L	92

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

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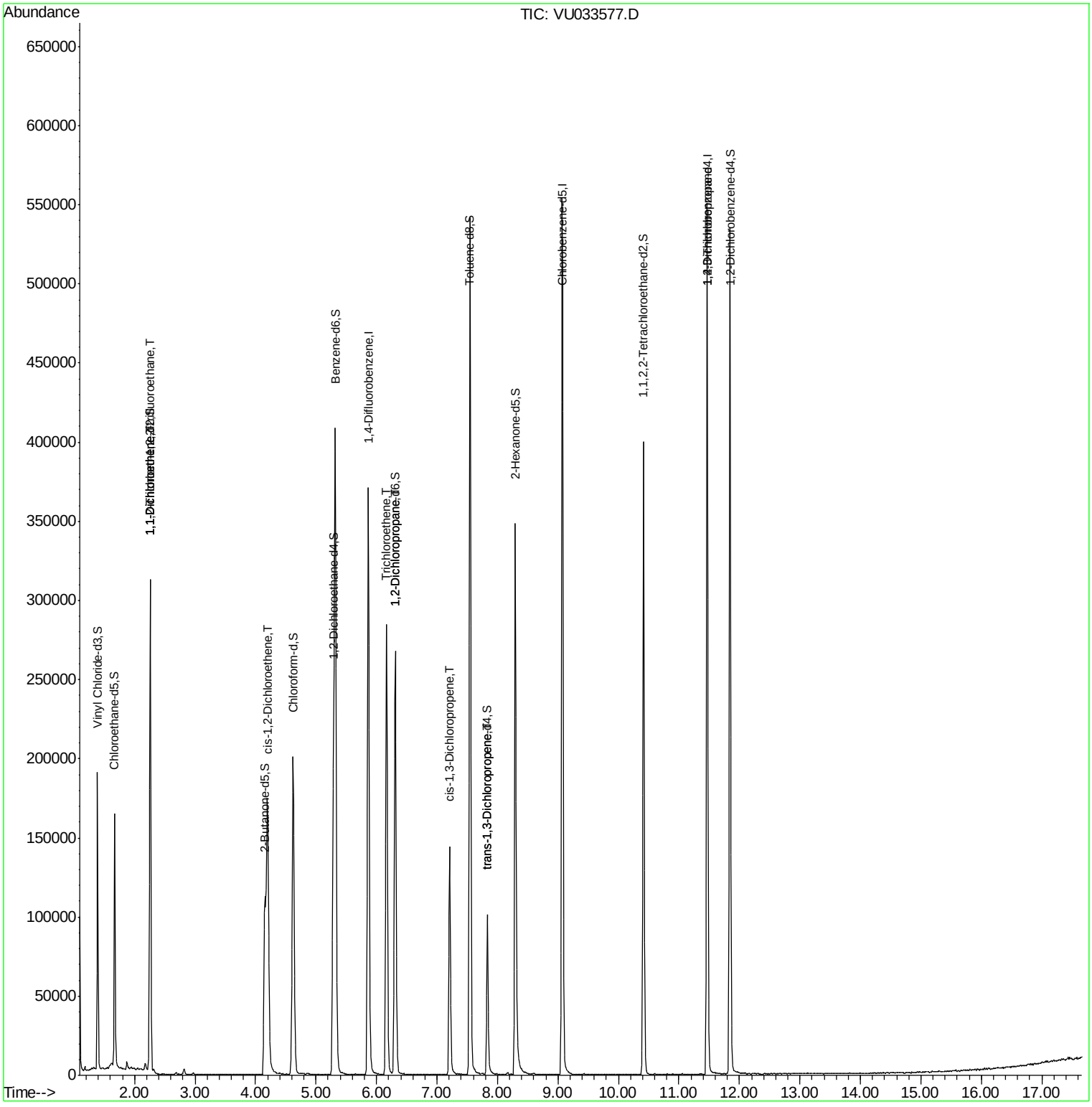
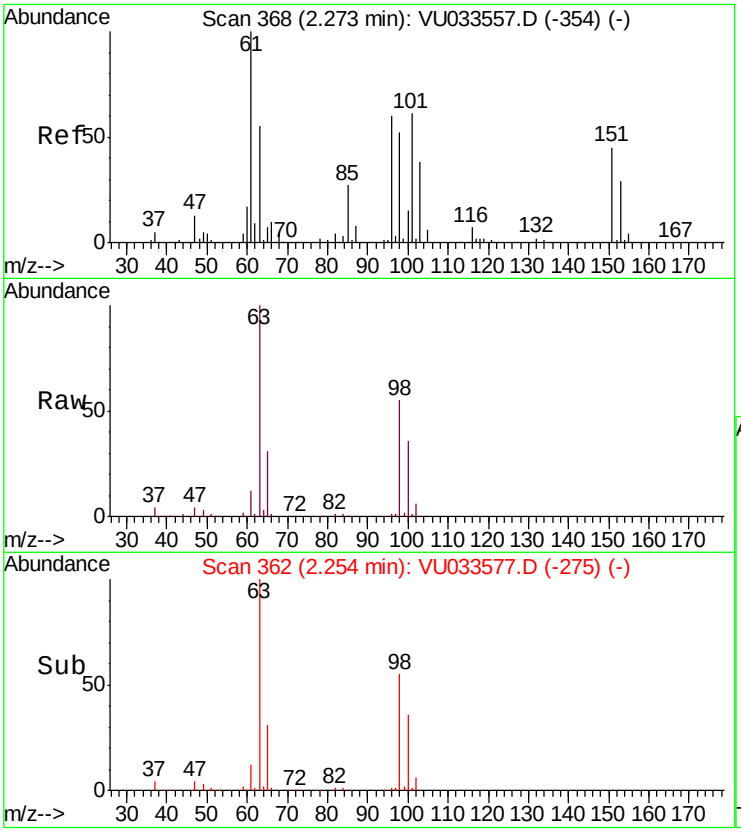
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9G2DL

Quant Time: Aug 03 00:44:38 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



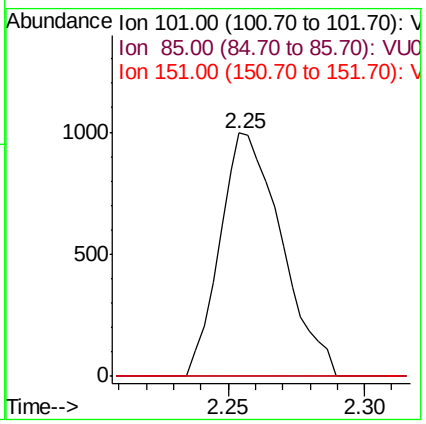


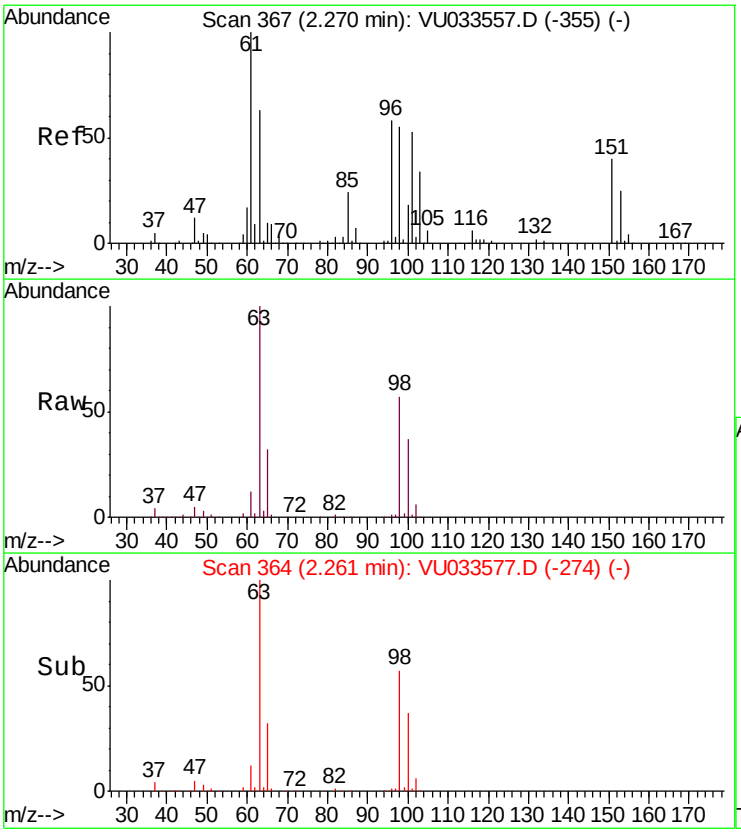
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.752 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.02 min
Lab File: VU033577.D
Acq: 02 Aug 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :
DB9G2DL

Tgt Ion:101 Resp: 1563

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

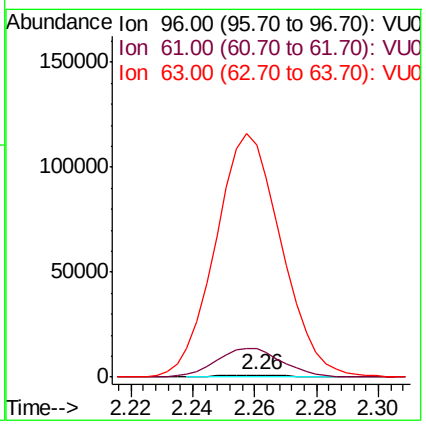


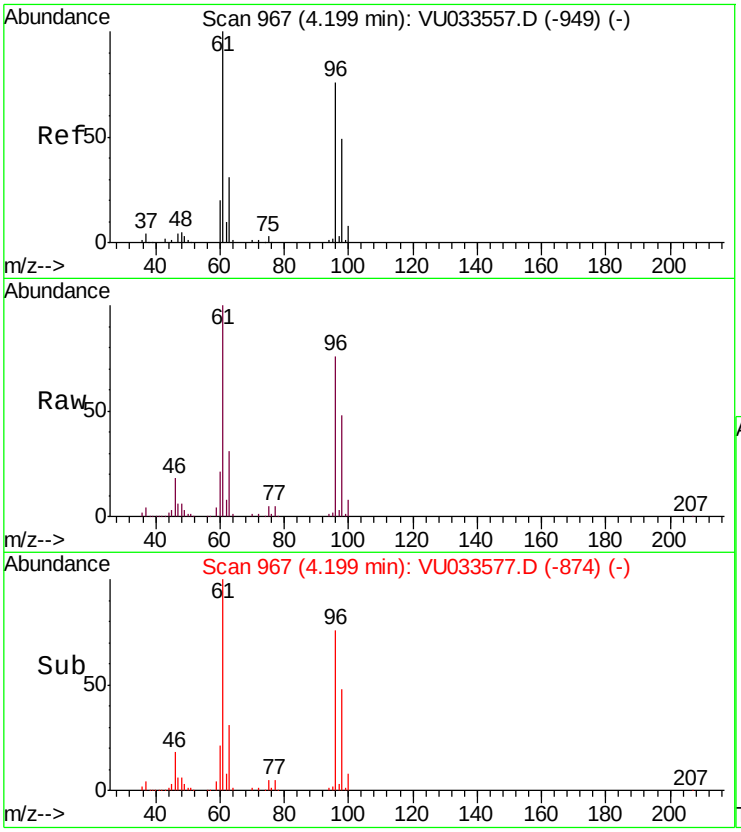


#12
1,1-Dichloroethene
Concen: 0.783 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033577.D
Acq: 02 Aug 2019 18:01

Tgt Ion: 96 Resp: 1559

Ion	Ratio	Lower	Upper
96	100		
61	1370.7	119.3	221.5#
63	11341.8	86.6	160.8#



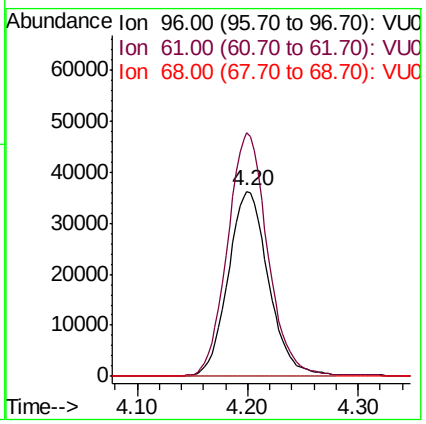


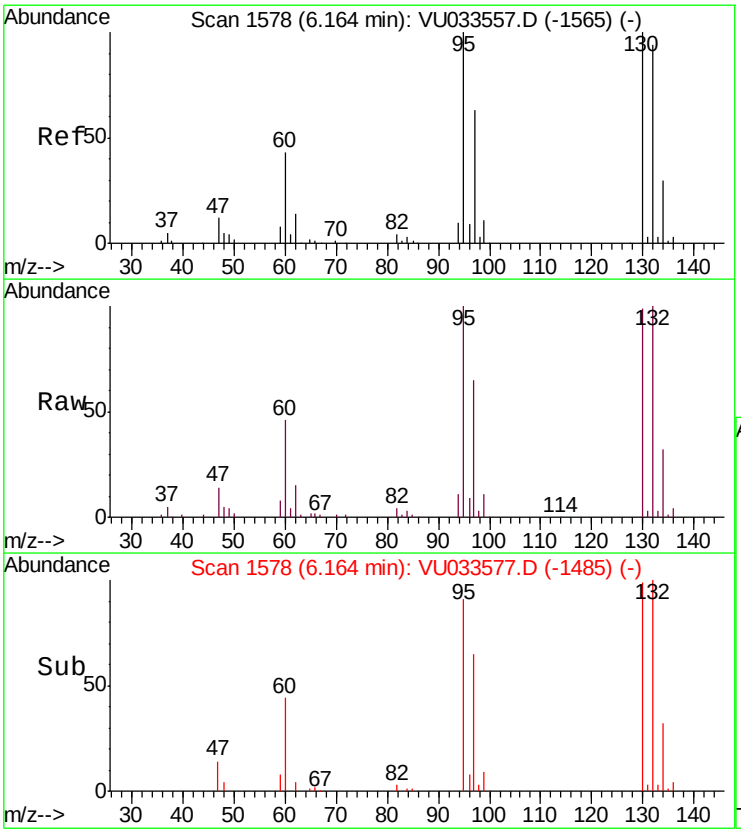
#20
cis-1,2-Dichloroethene
Concen: 39.193 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033577.D
Acq: 02 Aug 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :
DB9G2DL

Tgt Ion: 96 Resp: 91814

Ion	Ratio	Lower	Upper
96	100		
61	131.5	91.3	169.6
68	0.0	0.0	0.0

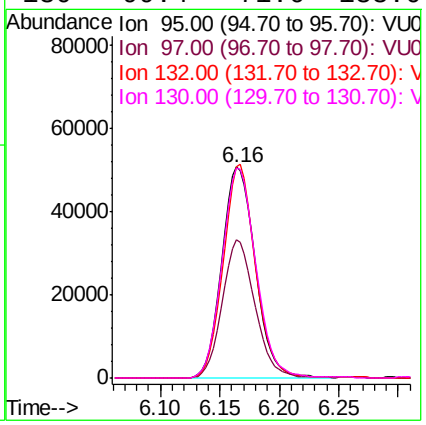


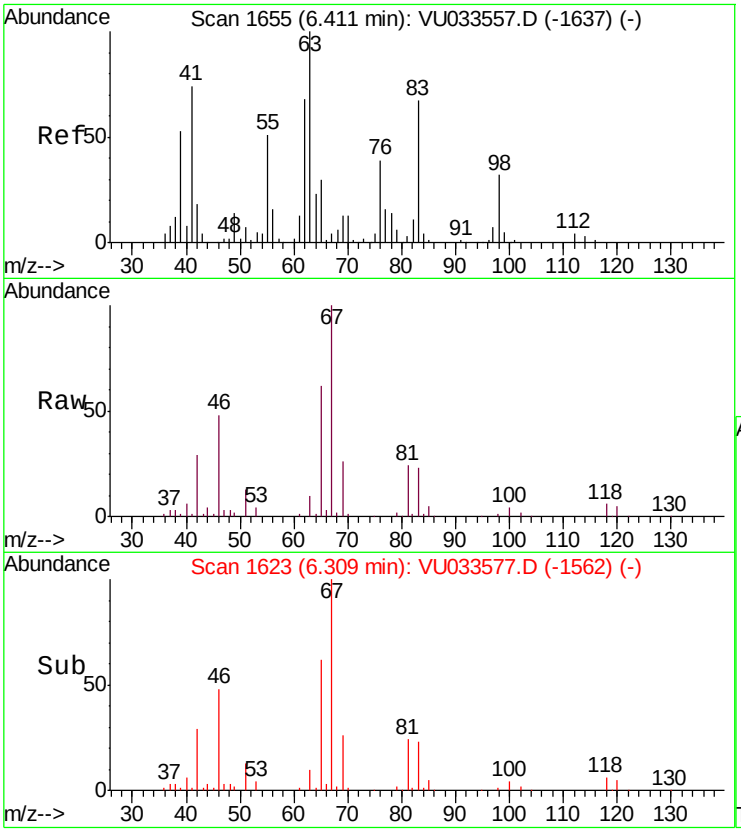


#34
Trichloroethene
Concen: 42.317 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033577.D
Acq: 02 Aug 2019 18:01

Tgt Ion: 95 Resp: 99223

Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.7	83.1
132	100.1	66.8	124.0
130	99.4	71.6	133.0



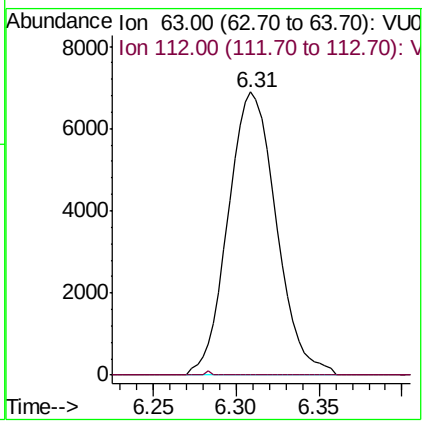


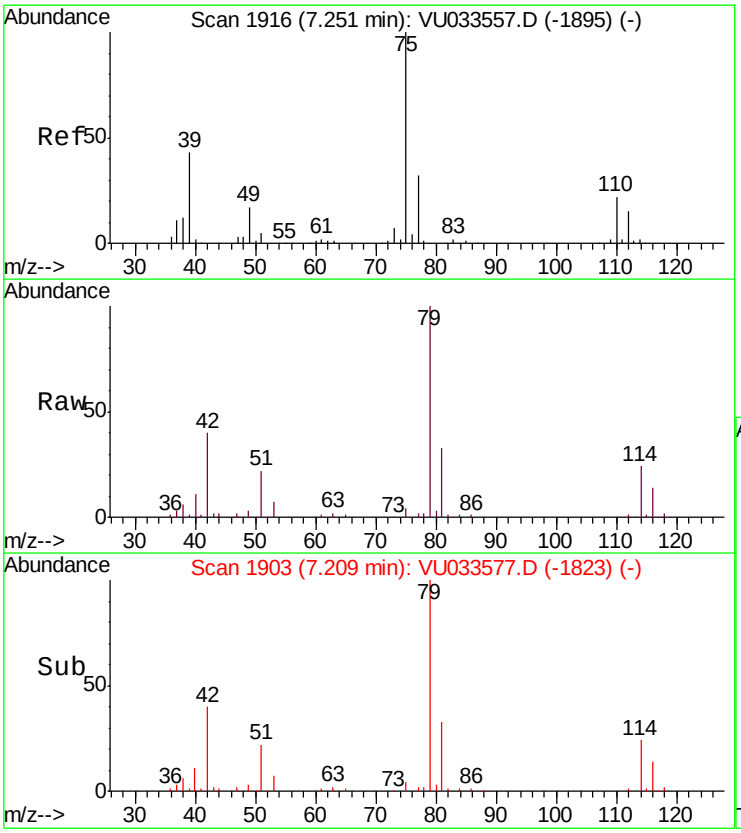
#37
1,2-Dichloropropane
Concen: 5.866 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033577.D
Acq: 02 Aug 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :
DB9G2DL

Tgt Ion: 63 Resp: 13957

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

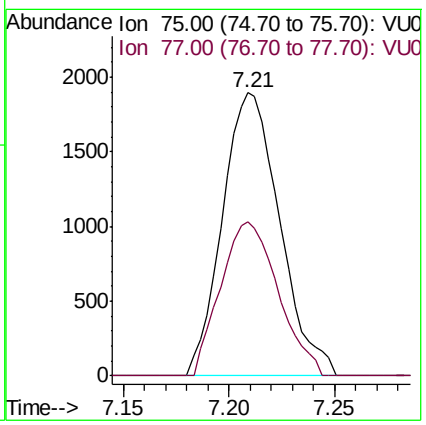


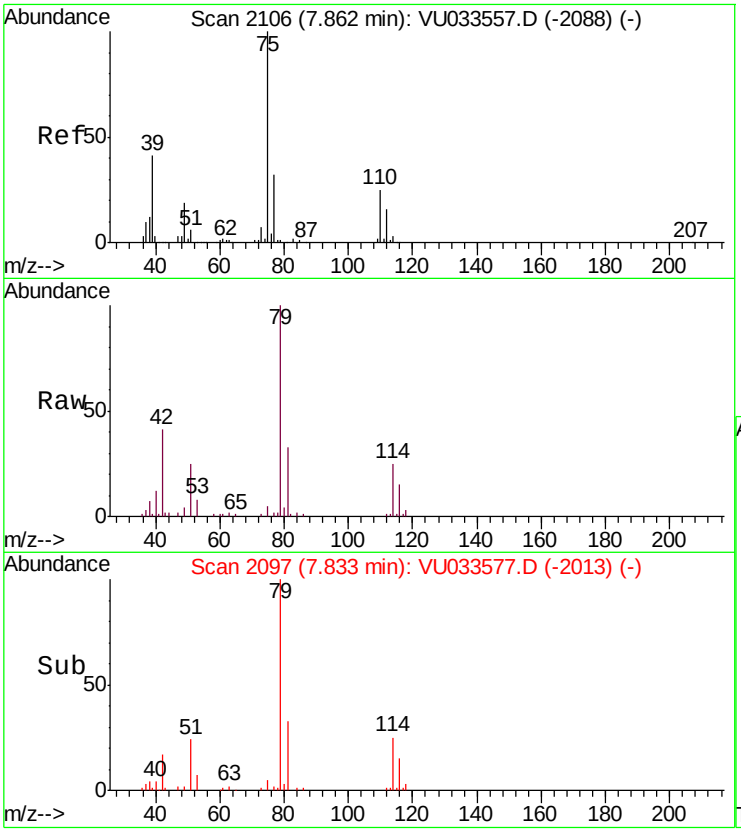


#39
cis-1,3-Dichloropropene
Concen: 0.963 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033577.D
Acq: 02 Aug 2019 18:01

Tgt Ion: 75 Resp: 3578

Ion	Ratio	Lower	Upper
75	100		
77	54.5	22.3	41.5#



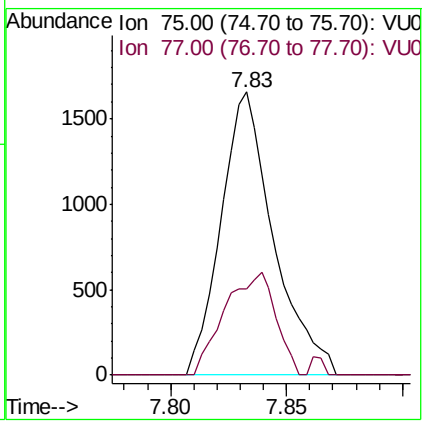


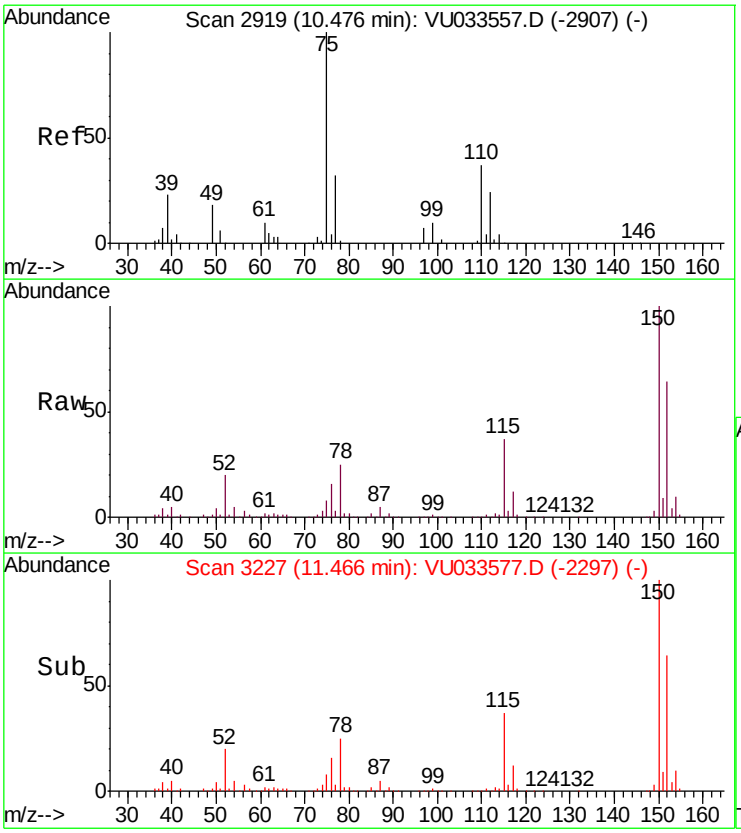
#44
trans-1,3-Dichloropropene
Concen: 0.776 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033577.D
Acq: 02 Aug 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :
DB9G2DL

Tgt Ion: 75 Resp: 2604

Ion	Ratio	Lower	Upper
75	100		
77	30.6	22.7	42.1





#59
1,2,3-Trichloropropane
Concen: 5.366 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033577.D
Acq: 02 Aug 2019 18:01

Tgt Ion: 75 Resp: 16853

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.8	38.6