Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\

Quantitation Report (Not Reviewed)

Data File : VU033528.D
Acq On : 31 Jul 2019 16:05
Operator : JC/SP
Sample : K4103-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB9D7

Quant Time: Aug 01 07:26:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 07:20:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	311700	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	306439	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138460	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	109415	48.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.56%			
7) Chloroethane-d5	1.67	69	96275	49.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.02%			
11) 1,1-Dichloroethene-d2	2.26	63	150355	36.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.12%			
21) 2-Butanone-d5	4.15	46	162339	108.15	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.15%			
24) Chloroform-d	4.62	84	185175	48.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.50%			
26) 1,2-Dichloroethane-d4	5.29	65	126794	52.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.42%			
32) Benzene-d6	5.32	84	395031	52.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.00%			
36) 1,2-Dichloropropane-d6	6.31	67	125463	52.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.38%			
41) Toluene-d8	7.55	98	350131	49.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.38%			
43) trans-1,3-Dichloropropene-	7.83	79	58014	49.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.22%			
47) 2-Hexanone-d5	8.30	63	115545	102.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.20%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	183729	50.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.08%			
64) 1,2-Dichlorobenzene-d4	11.85	152	136917	54.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.00%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1386	0.658	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	5311	2.631	ug/L #	1
13) Acetone	2.31	43	4325	2.816	ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	2563	1.212	ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	1791058	754.542	ug/L	100
25) Chloroform	4.65	83	7523	1.801	ug/L	95
34) Trichloroethene	6.16	95	1918043	822.512	ug/L	99
37) 1,2-Dichloropropane	6.31	63	13522	5.714	ug/L #	90
39) cis-1,3-Dichloropropene	7.21	75	3410	0.923	ug/L #	65
44) trans-1,3-Dichloropropene	7.83	75	2484	0.744	ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	16227	5.195	ug/L	90

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\

Quantitation Report (Not Reviewed)

Data File : VU033528.D
Acq On : 31 Jul 2019 16:05
Operator : JC/SP
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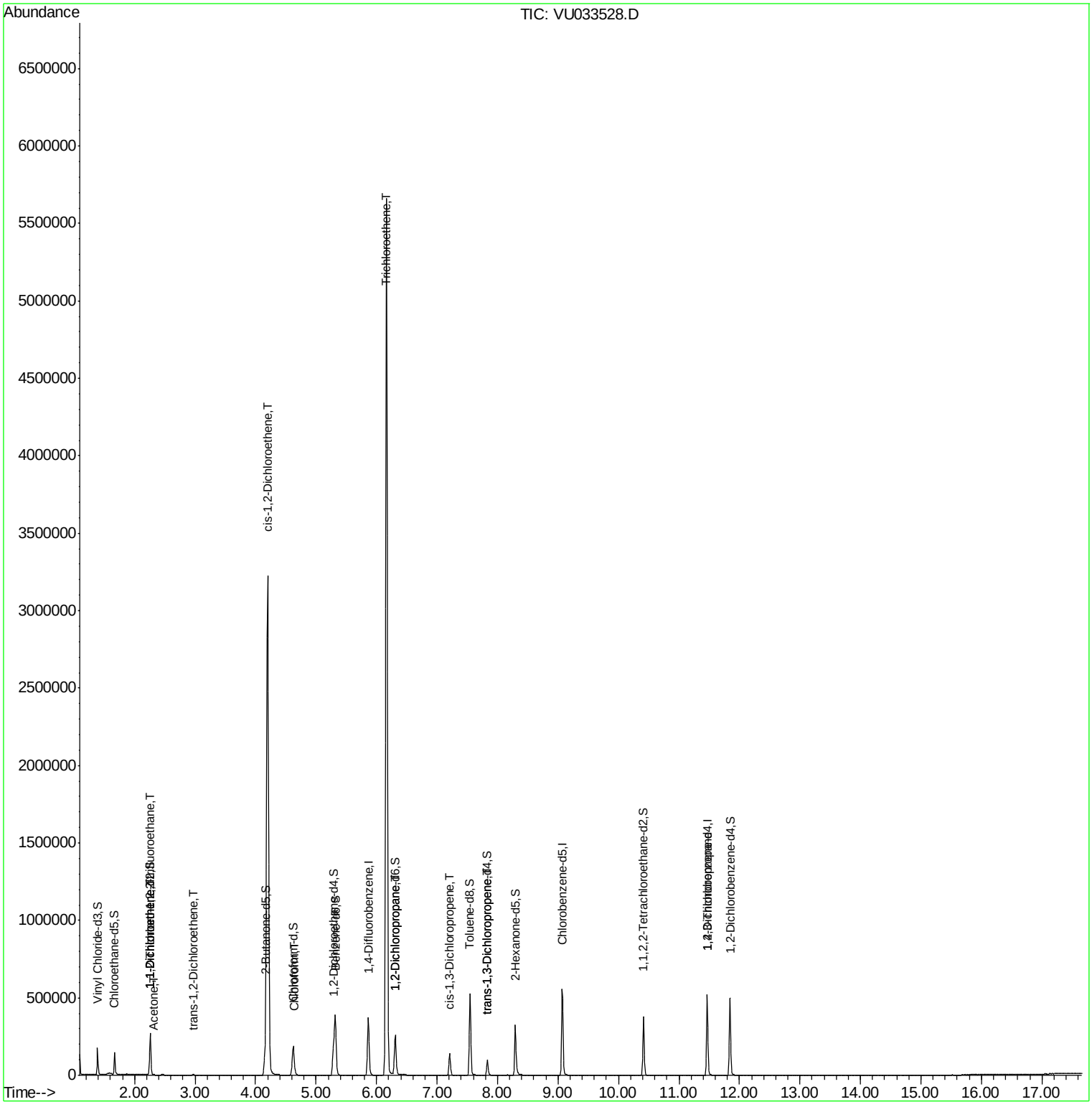
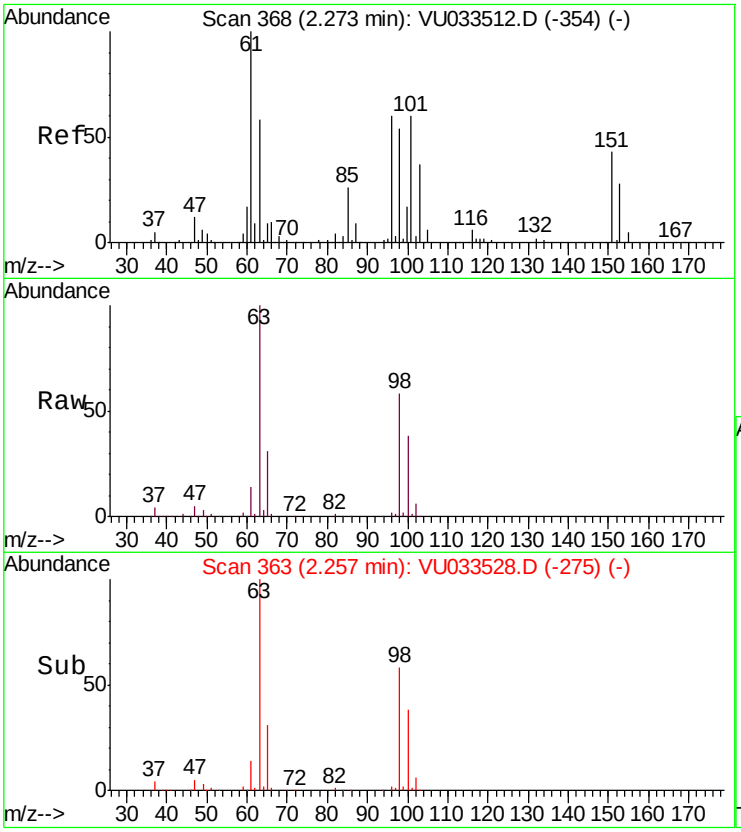
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9D7

Quant Time: Aug 01 07:26:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 07:20:33 2019
Response via : Initial Calibration



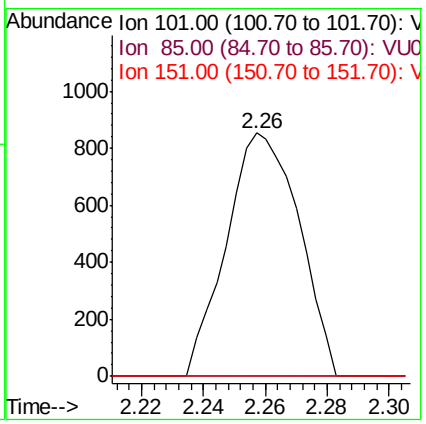


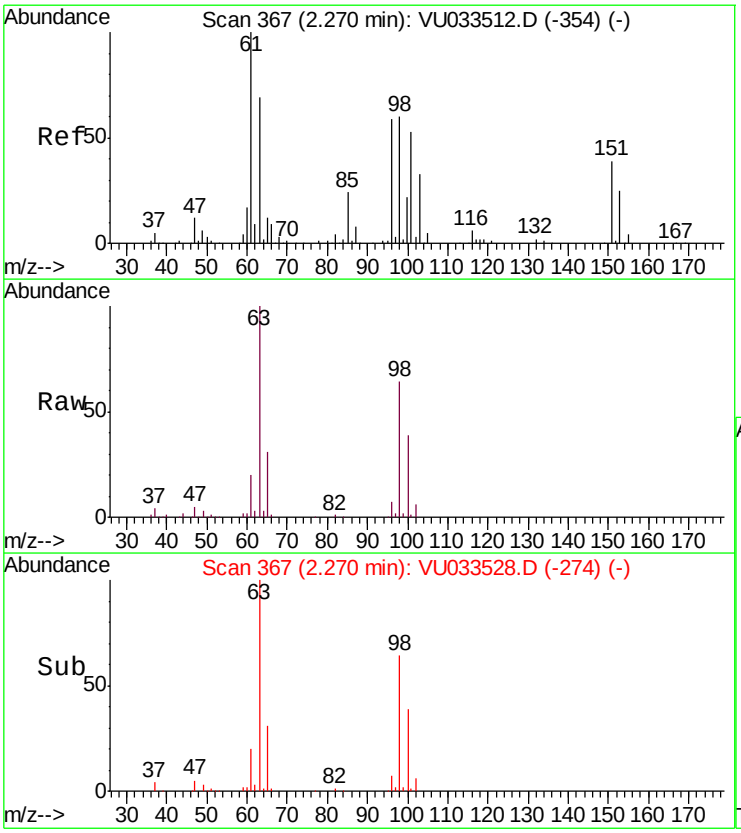
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.658 ug/L
RT: 2.26 min Scan# 363
Delta R.T. -0.02 min
Lab File: VU033528.D
Acq: 31 Jul 2019 16:05

Instrument : MSVOA_U
ClientSampleId : DB9D7

Tgt Ion:101 Resp: 1386

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

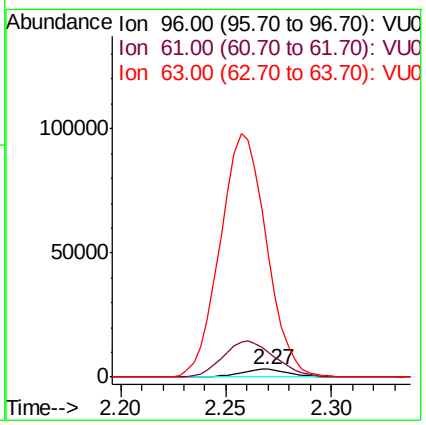


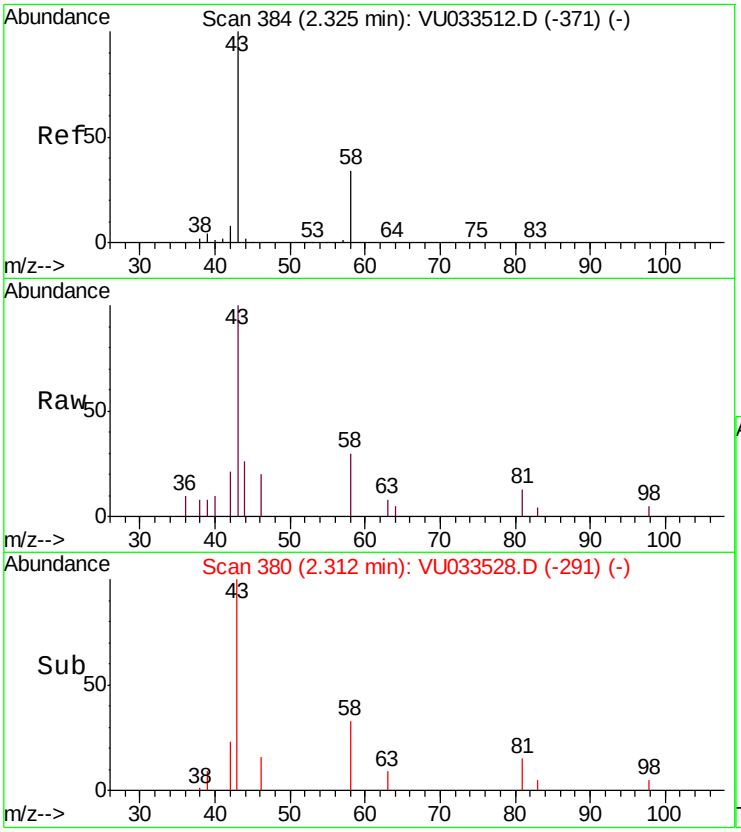


#12
1,1-Dichloroethene
Concen: 2.631 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU033528.D
Acq: 31 Jul 2019 16:05

Tgt Ion: 96 Resp: 5311

Ion	Ratio	Lower	Upper
96	100		
61	308.7	119.3	221.5#
63	1527.3	86.6	160.8#



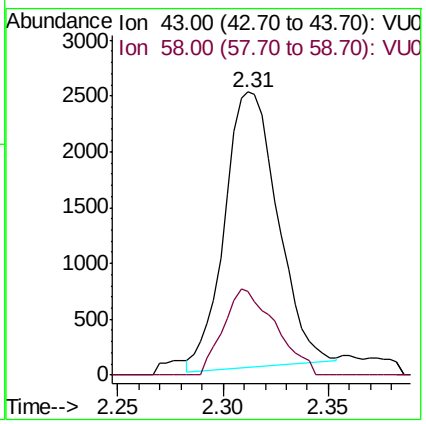


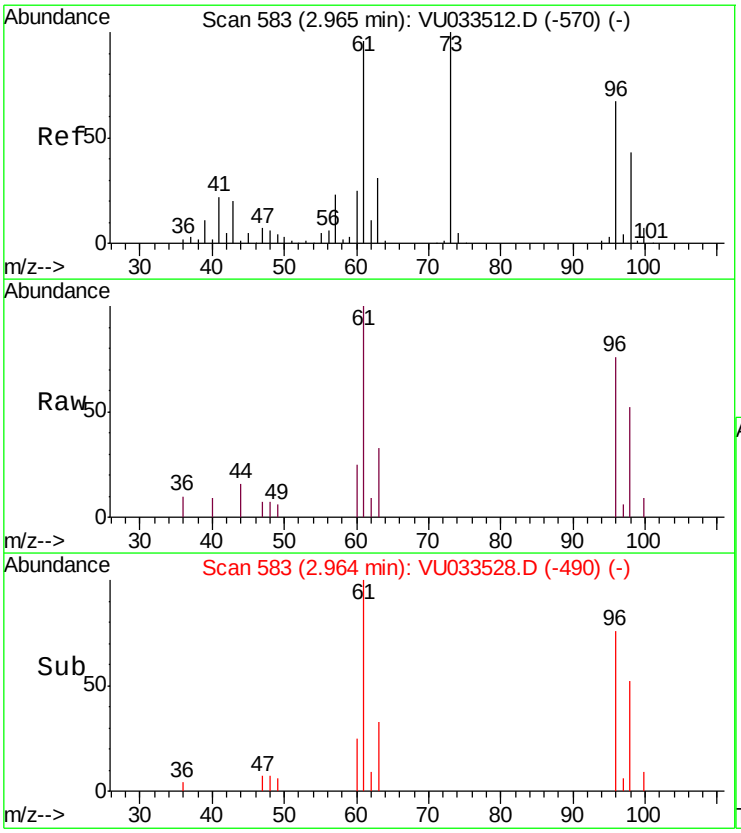
#13
Acetone
Concen: 2.816 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.01 min
Lab File: VU033528.D
Acq: 31 Jul 2019 16:05

Instrument : MSVOA_U
ClientSampleId : DB9D7

Tgt Ion: 43 Resp: 4325

Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	66.2

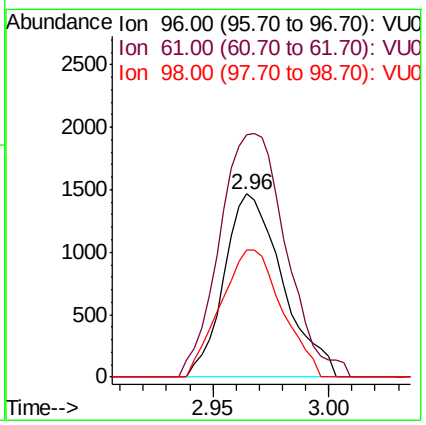


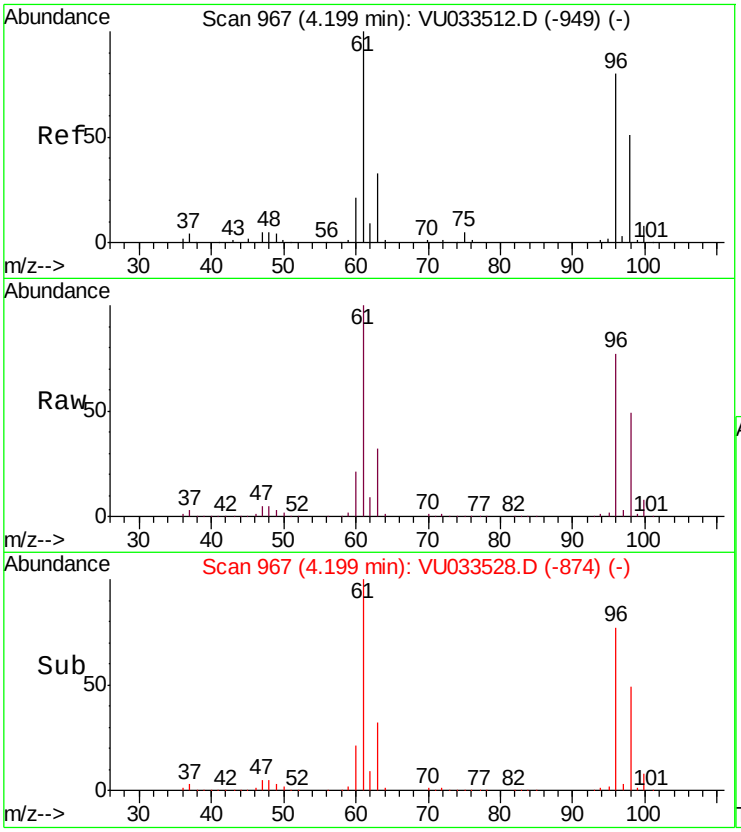


#17
trans-1,2-Dichloroethene
Concen: 1.212 ug/L
RT: 2.96 min Scan# 583
Delta R.T. -0.00 min
Lab File: VU033528.D
Acq: 31 Jul 2019 16:05

Tgt Ion: 96 Resp: 2563

Ion	Ratio	Lower	Upper
96	100		
61	132.4	98.3	182.5
98	69.2	44.3	82.3



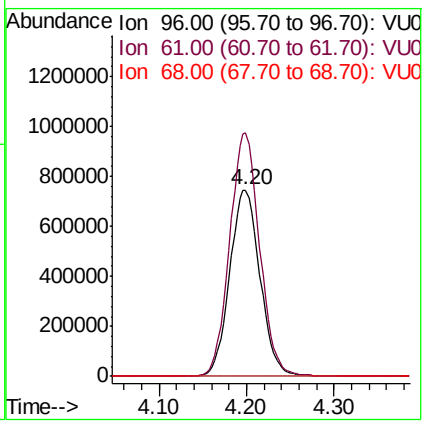


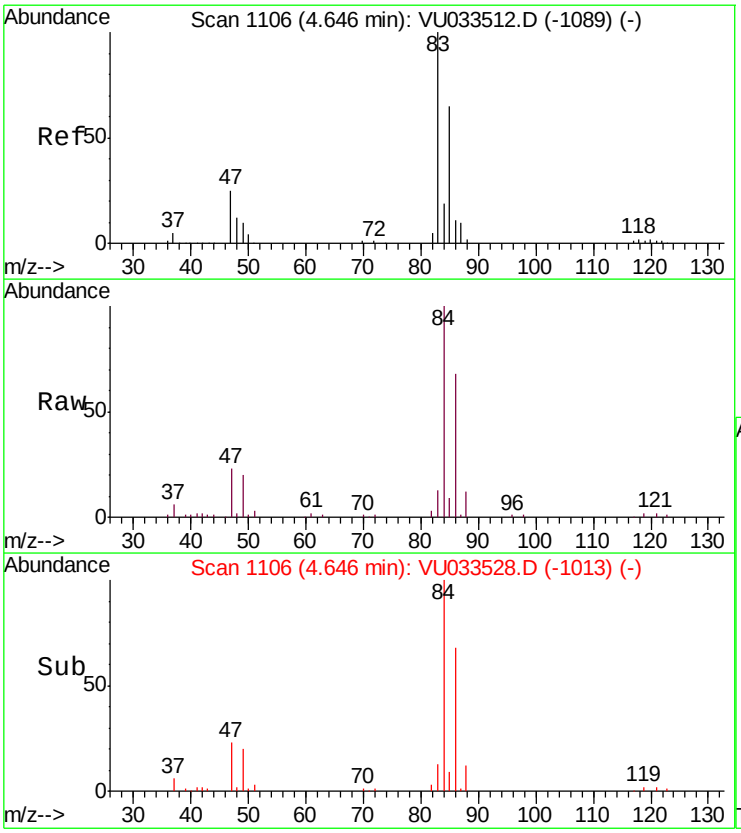
#20
cis-1,2-Dichloroethene
Concen: 754.542 ug/L
RT: 4.20 min Scan# 967
Delta R.T. -0.00 min
Lab File: VU033528.D
Acq: 31 Jul 2019 16:05

Instrument :
MSVOA_U
ClientSampleId :
DB9D7

Tgt Ion: 96 Resp: 1791058

Ion	Ratio	Lower	Upper
96	100		
61	130.7	91.3	169.6
68	0.0	0.0	0.0

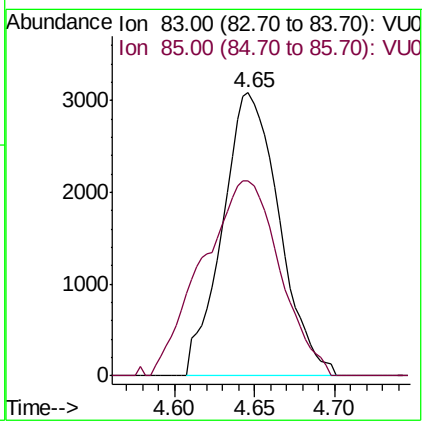


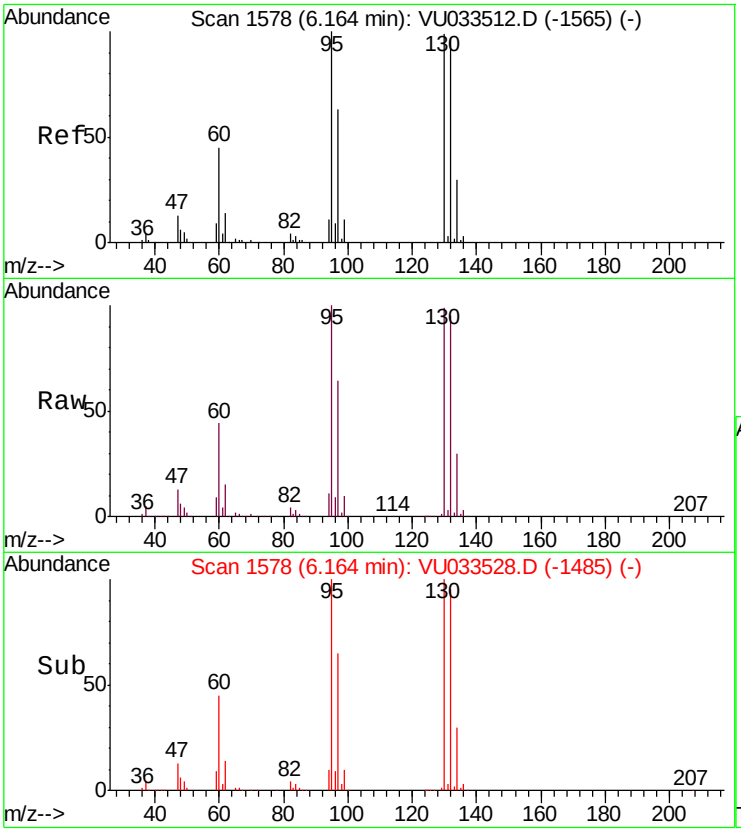


#25
Chloroform
Concen: 1.801 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033528.D
Acq: 31 Jul 2019 16:05

Tgt Ion: 83 Resp: 7523

Ion	Ratio	Lower	Upper
83	100		
85	68.9	45.6	84.8



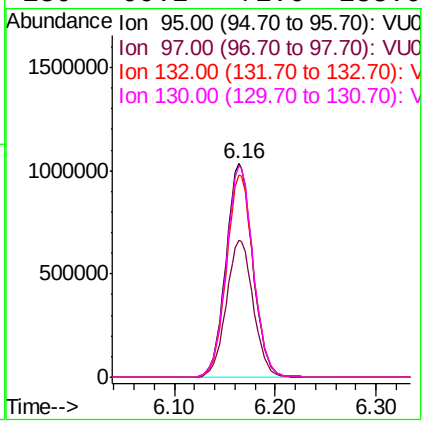


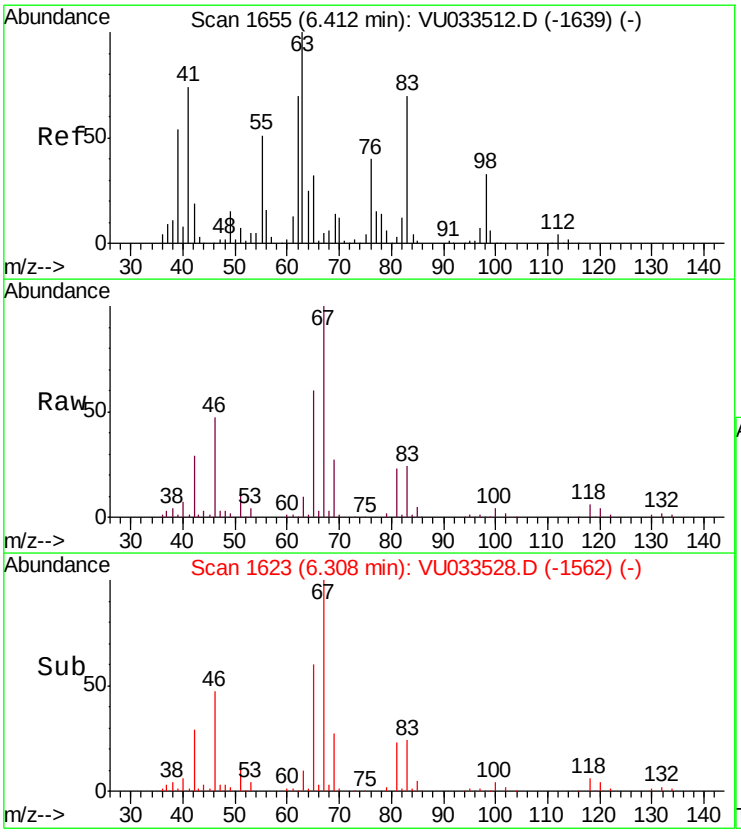
#34
Trichloroethene
Concen: 822.512 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033528.D
Acq: 31 Jul 2019 16:05

Instrument :
MSVOA_U
ClientSampleId :
DB9D7

Tgt Ion: 95 Resp: 1918043

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.7	83.1
132	95.0	66.8	124.0
130	99.2	71.6	133.0

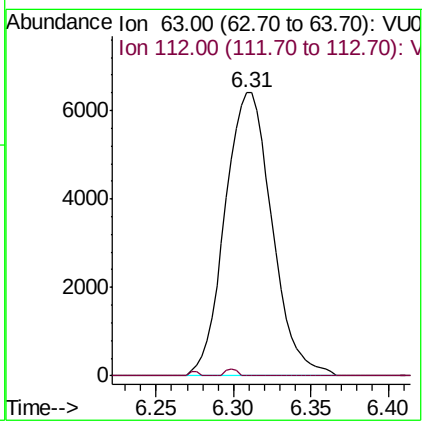


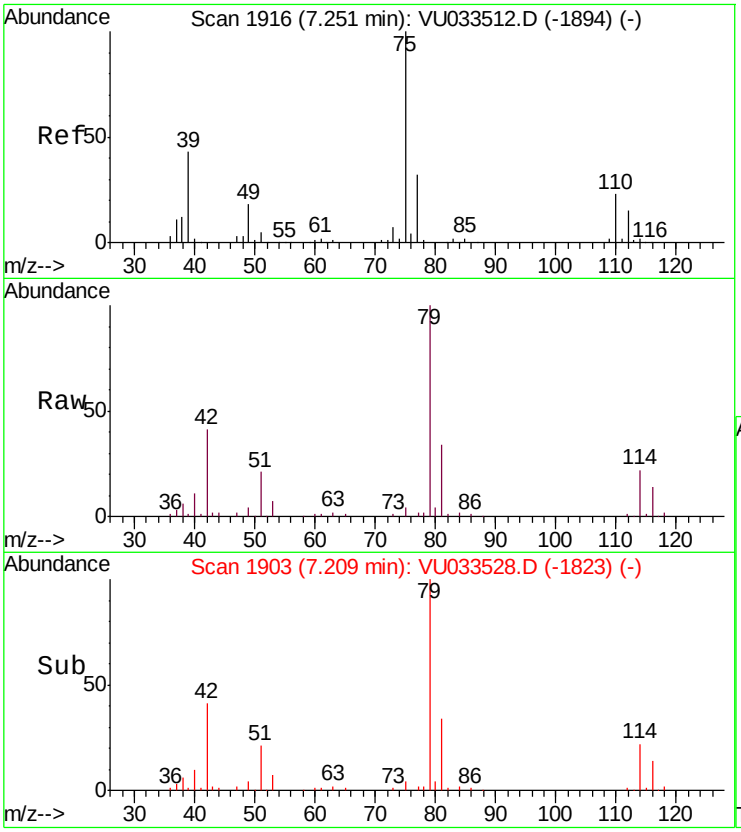


#37
1,2-Dichloropropane
Concen: 5.714 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033528.D
Acq: 31 Jul 2019 16:05

Tgt Ion: 63 Resp: 13522

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.0	4.6#



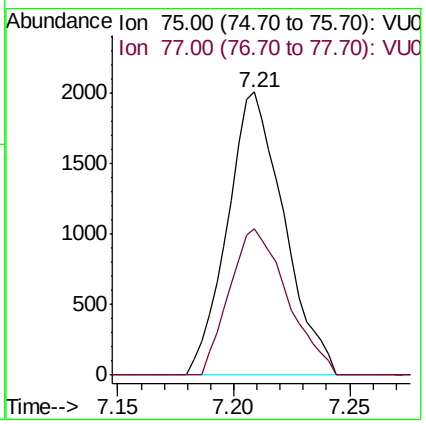


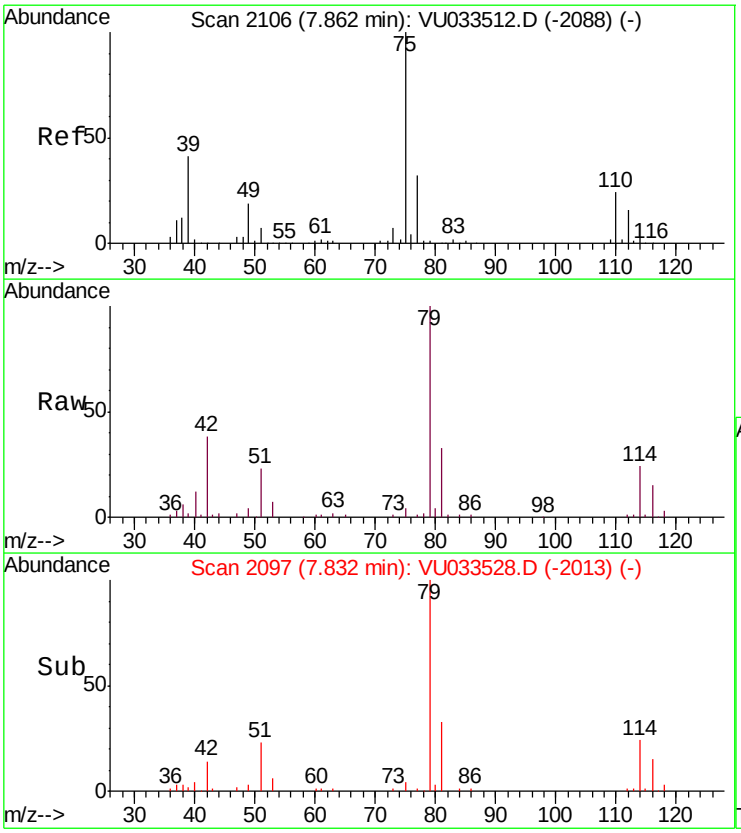
#39
cis-1,3-Dichloropropene
Concen: 0.923 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033528.D
Acq: 31 Jul 2019 16:05

Instrument :
MSVOA_U
ClientSampleId :
DB9D7

Tgt Ion: 75 Resp: 3410

Ion	Ratio	Lower	Upper
75	100		
77	51.5	22.3	41.5#

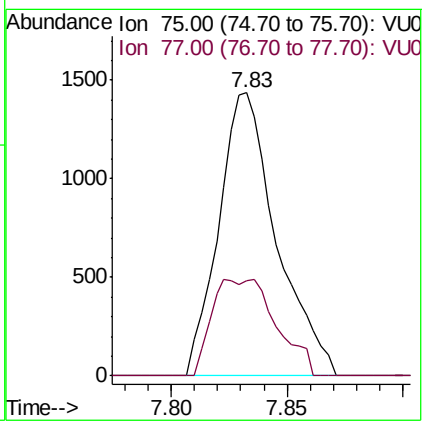


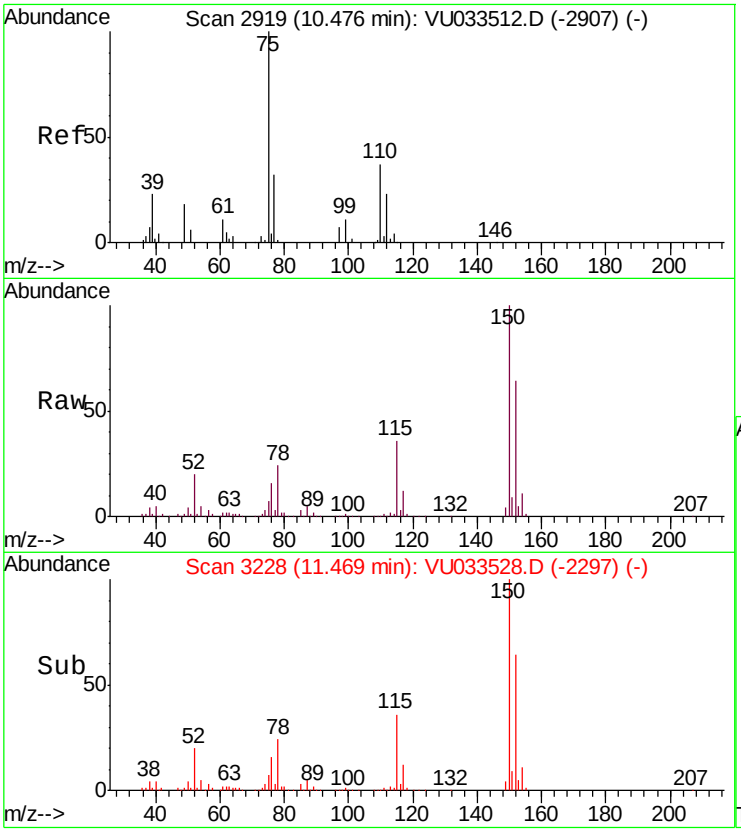


#44
trans-1,3-Dichloropropene
Concen: 0.744 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033528.D
Acq: 31 Jul 2019 16:05

Tgt Ion: 75 Resp: 2484

Ion	Ratio	Lower	Upper
75	100		
77	33.5	22.7	42.1





#59
1,2,3-Trichloropropane
Concen: 5.195 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033528.D
Acq: 31 Jul 2019 16:05

Instrument :
MSVOA_U
ClientSampleId :
DB9D7

Tgt Ion: 75 Resp: 16227

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.8	38.6