Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062419\

Quantitation Report (Not Reviewed)

Data File : VU033032.D
Acq On : 25 Jun 2019 01:35
Operator : JC/SP
Sample : K3464-20DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF59DL

Quant Time: Jun 25 07:01:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 06:54:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	193392	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	188054	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89056	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	61073	46.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.42%			
7) Chloroethane-d5	1.67	69	53699	50.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.88%			
11) 1,1-Dichloroethene-d2	2.26	63	95774	35.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.94%			
21) 2-Butanone-d5	4.17	46	121061	110.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.05%			
24) Chloroform-d	4.64	84	129398	50.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.72%			
26) 1,2-Dichloroethane-d4	5.30	65	91446	53.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.86%			
32) Benzene-d6	5.33	84	252923	51.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.18%			
36) 1,2-Dichloropropane-d6	6.32	67	82304	52.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.40%			
41) Toluene-d8	7.56	98	227790	49.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.24%			
43) trans-1,3-Dichloropropene-	7.85	79	37253	45.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.72%			
47) 2-Hexanone-d5	8.31	63	71377	97.89	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.89%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118608	49.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.26%			
64) 1,2-Dichlorobenzene-d4	11.85	152	88781	51.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.04%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	1284	1.270	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	776	0.600	ug/L #	17
20) cis-1,2-Dichloroethene	4.22	96	44115	30.663	ug/L	97
27) 1,2-Dichloroethane	5.33	62	1725	0.809	ug/L #	77
34) Trichloroethene	6.18	95	89038	61.514	ug/L	99
37) 1,2-Dichloropropane	6.32	63	9813	6.604	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2800	1.209	ug/L #	64
44) trans-1,3-Dichloropropene	7.84	75	1979	0.910	ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	11336	5.716	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062419\

Quantitation Report (Not Reviewed)

Data File : VU033032.D
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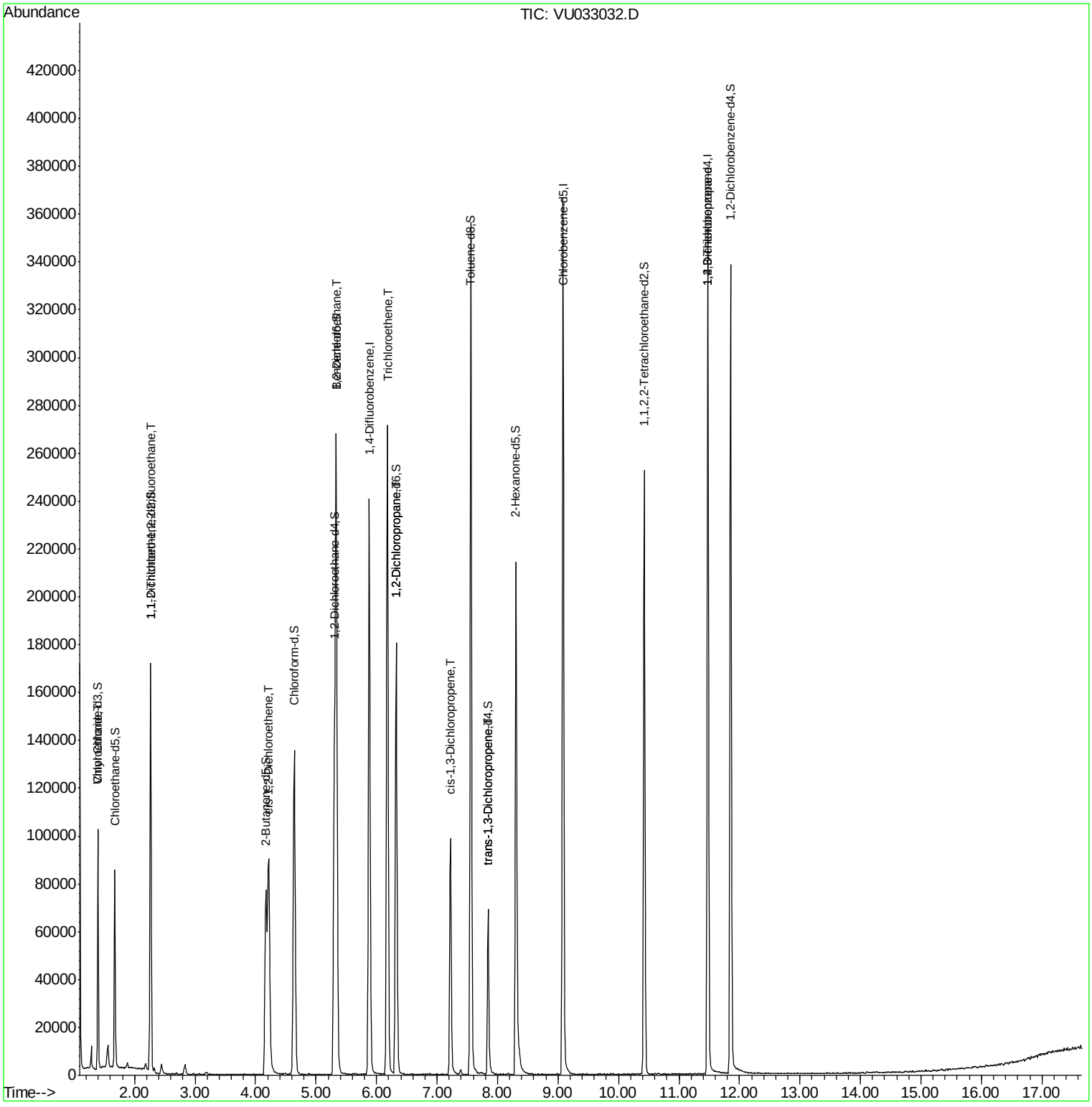
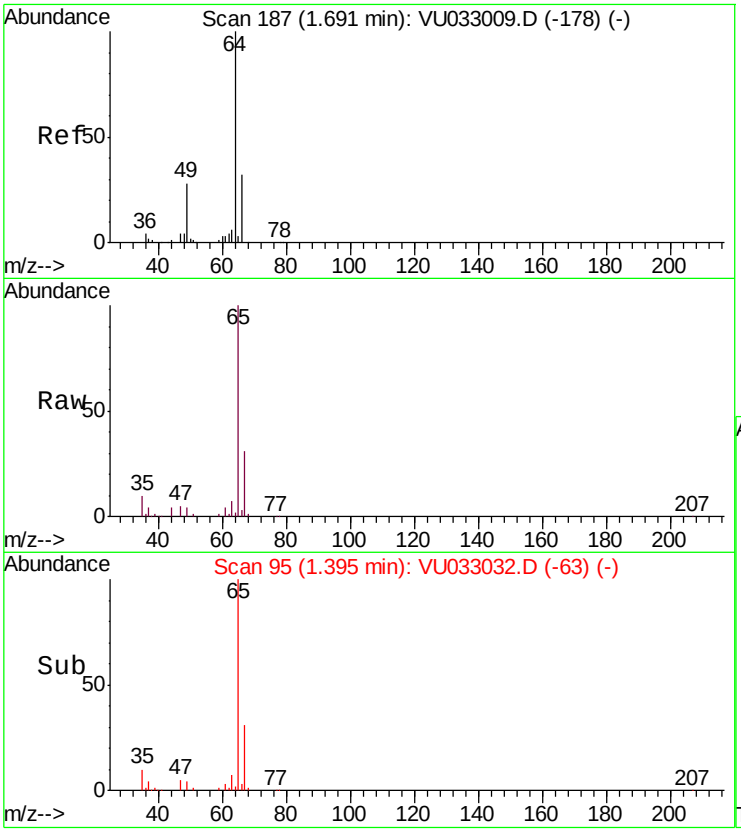
Sample : K3464-20DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF59DL

Quant Time: Jun 25 07:01:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 06:54:49 2019
Response via : Initial Calibration



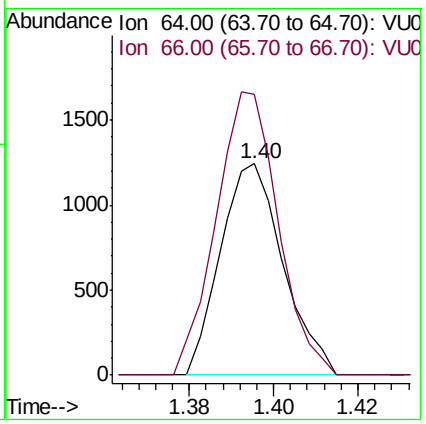


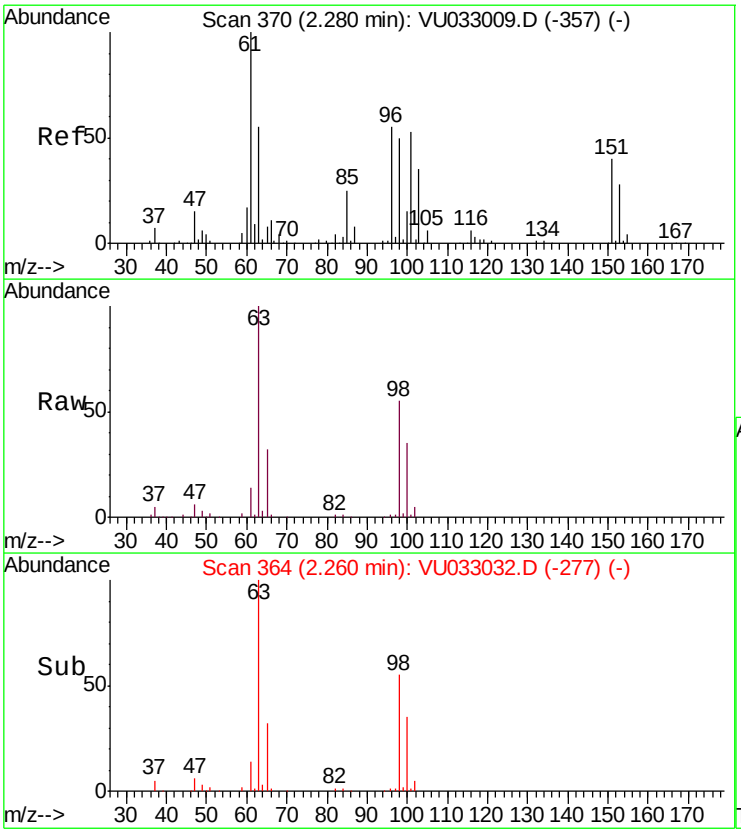
#8
Chloroethane
Concen: 1.270 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU033032.D
Acq: 25 Jun 2019 01:35

Instrument : MSVOA_U
ClientSampleId : ETF59DL

Tgt Ion: 64 Resp: 1284

Ion	Ratio	Lower	Upper
64	100		
66	132.9	22.5	41.7#

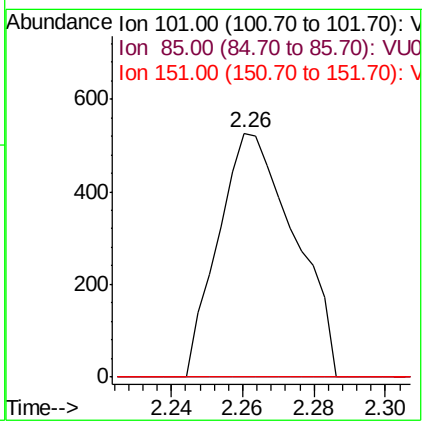


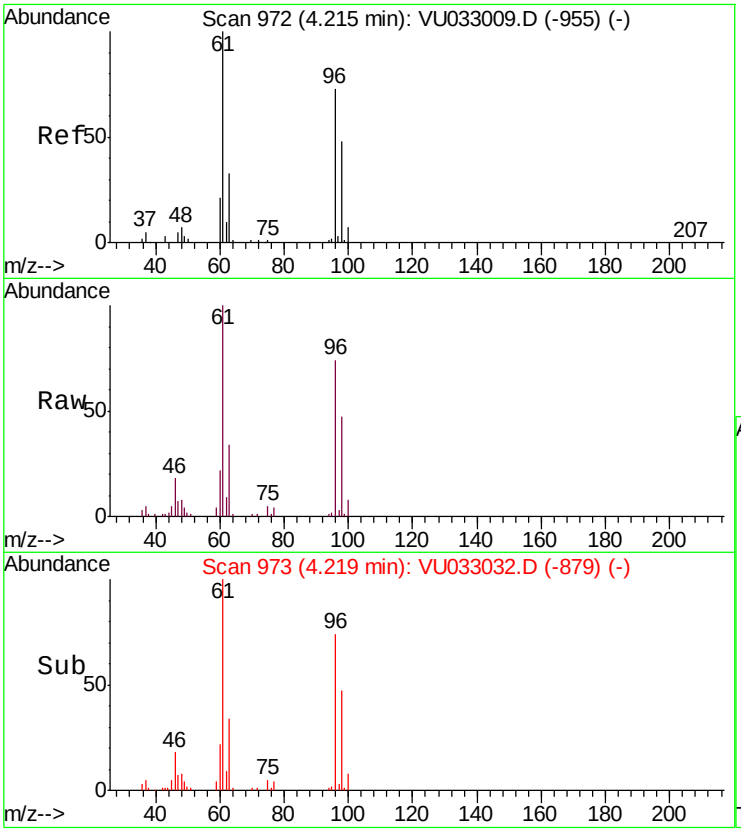


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.600 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.02 min
Lab File: VU033032.D
Acq: 25 Jun 2019 01:35

Tgt Ion:101 Resp: 776

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#



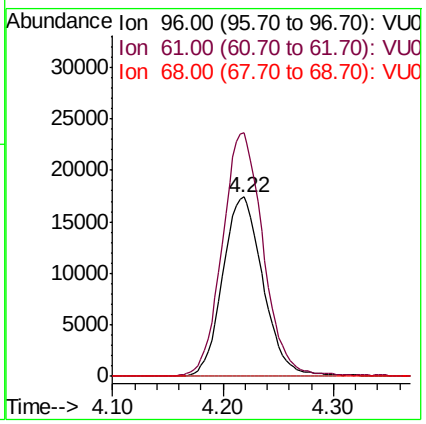


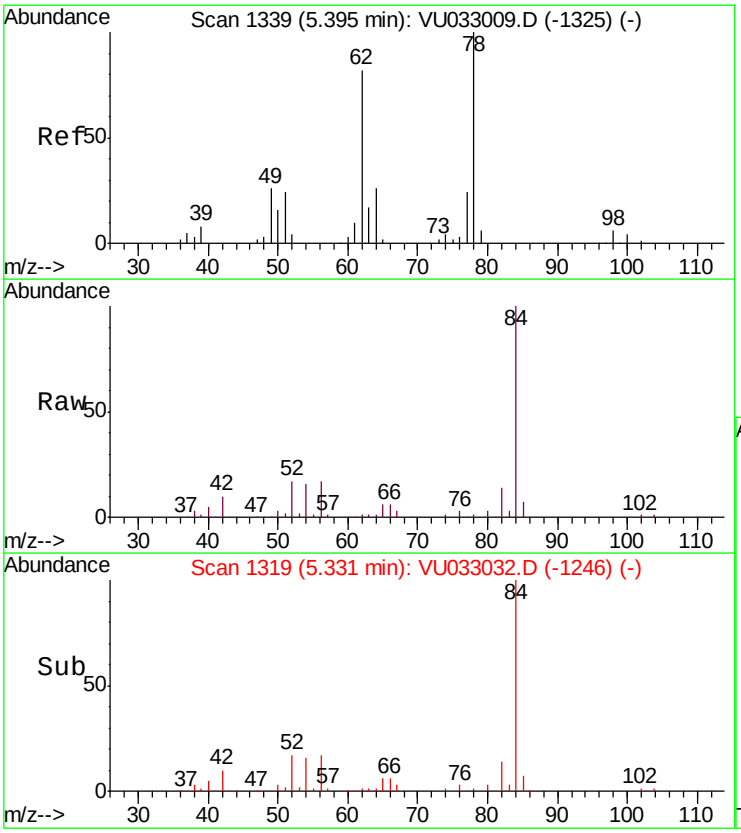
#20
cis-1,2-Dichloroethene
Concen: 30.663 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU033032.D
Acq: 25 Jun 2019 01:35

Instrument :
MSVOA_U
ClientSampleId :
ETF59DL

Tgt Ion: 96 Resp: 44115

Ion	Ratio	Lower	Upper
96	100		
61	135.6	92.4	171.6
68	0.0	0.0	0.0

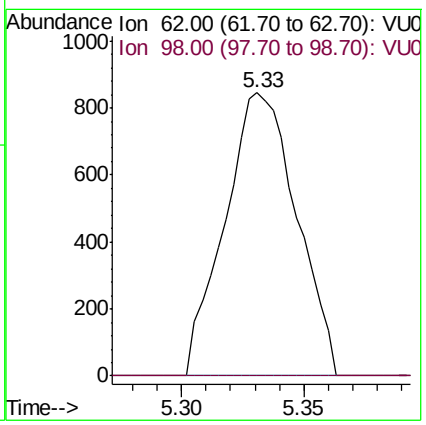


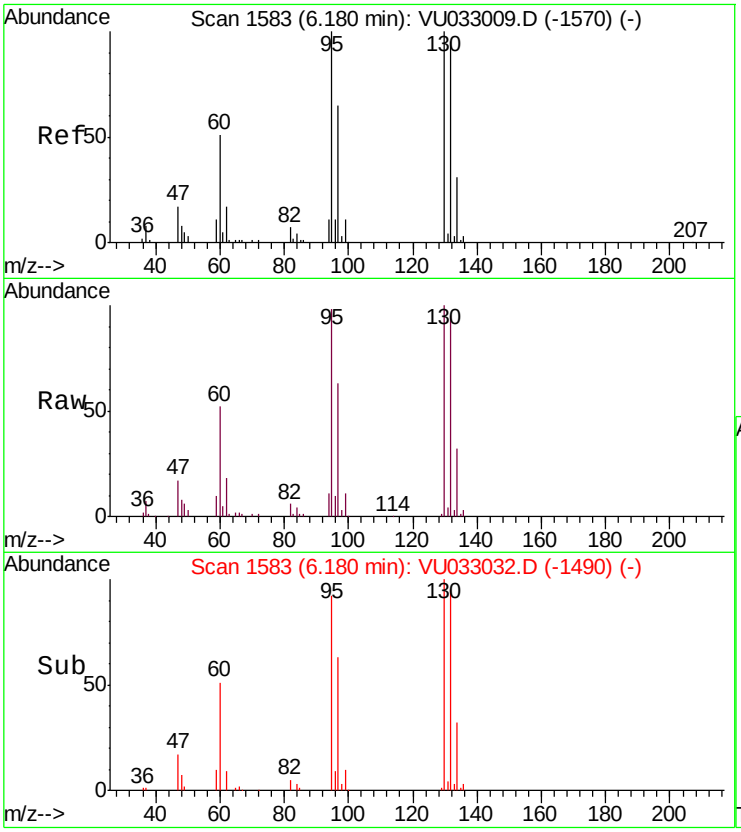


#27
1,2-Dichloroethane
Concen: 0.809 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.06 min
Lab File: VU033032.D
Acq: 25 Jun 2019 01:35

Tgt Ion: 62 Resp: 1725

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



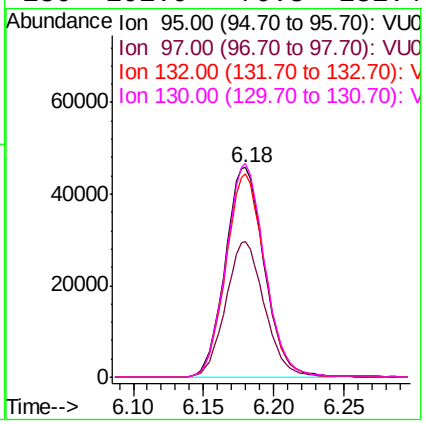


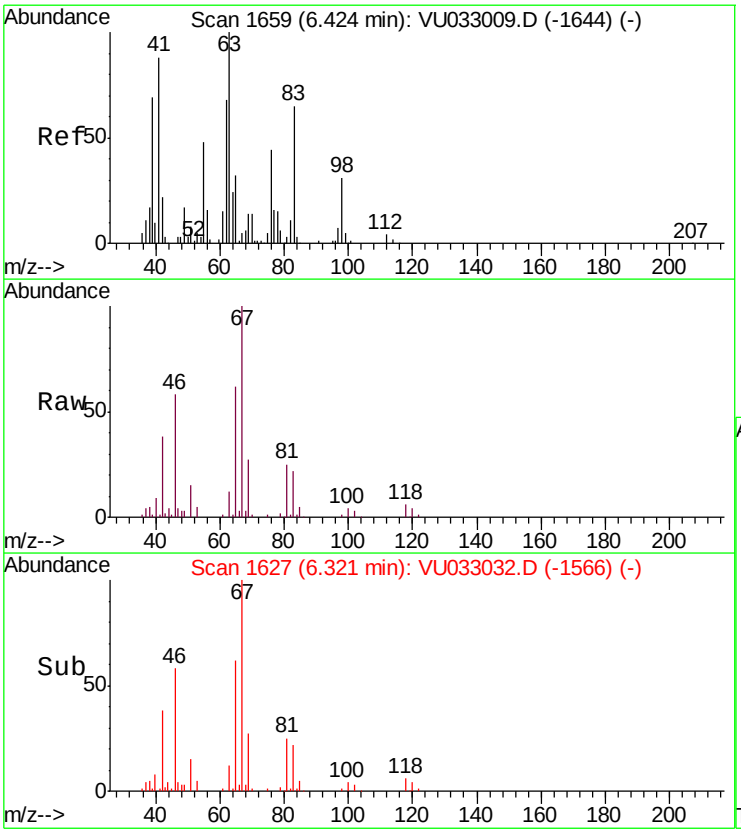
#34
Trichloroethene
Concen: 61.514 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU033032.D
Acq: 25 Jun 2019 01:35

Instrument :
MSVOA_U
ClientSampleId :
ETF59DL

Tgt Ion: 95 Resp: 89038

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.9	85.3
132	97.1	68.5	127.3
130	101.9	70.8	131.4

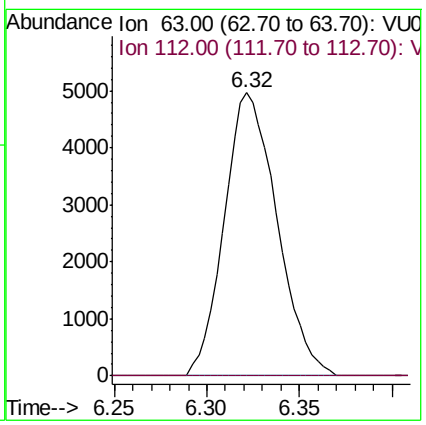


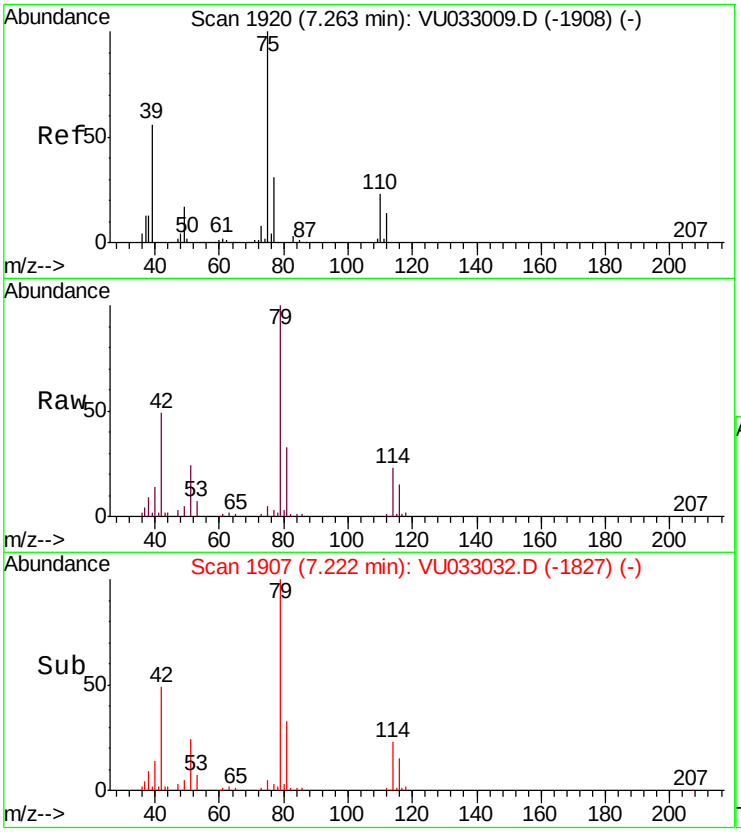


#37
1,2-Dichloropropane
Concen: 6.604 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU033032.D
Acq: 25 Jun 2019 01:35

Tgt Ion: 63 Resp: 9813

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



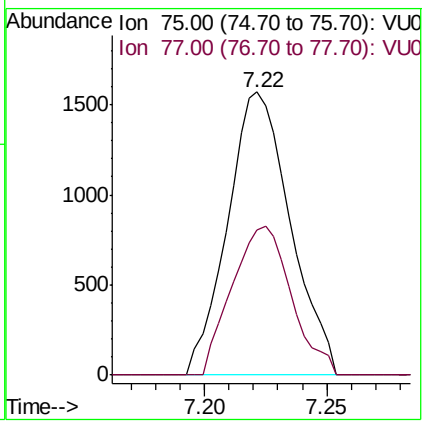


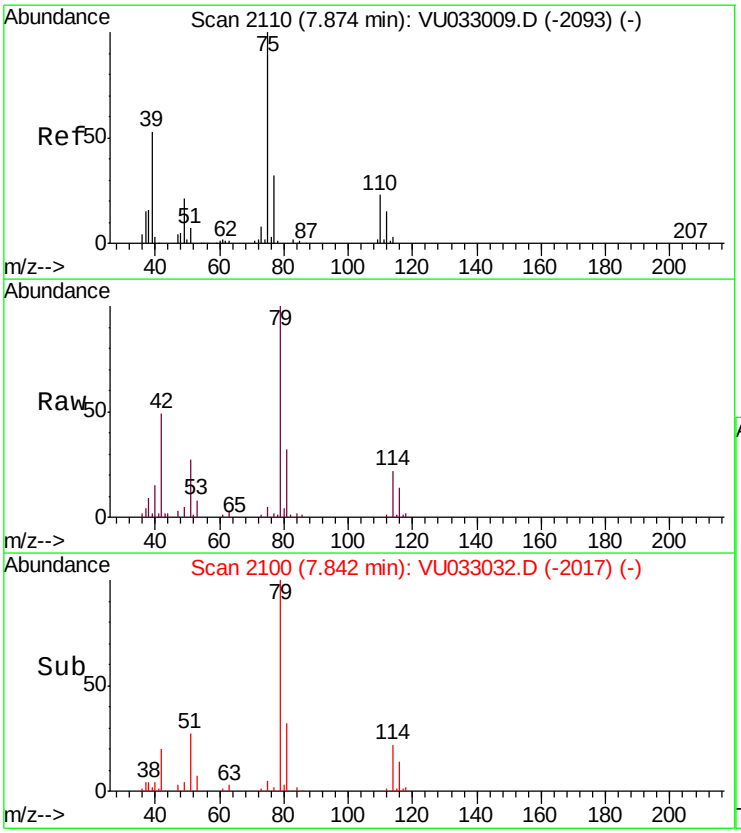
#39
cis-1,3-Dichloropropene
Concen: 1.209 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU033032.D
Acq: 25 Jun 2019 01:35

Instrument :
MSVOA_U
ClientSampleId :
ETF59DL

Tgt Ion: 75 Resp: 2800

Ion	Ratio	Lower	Upper
75	100		
77	51.1	21.9	40.7#

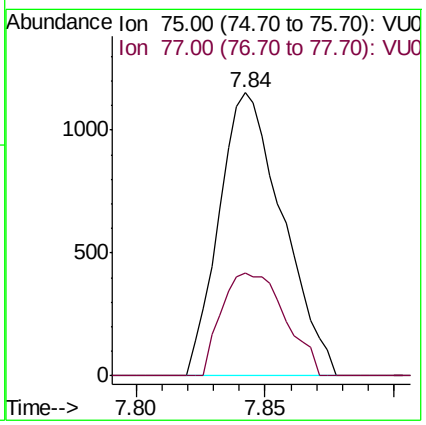


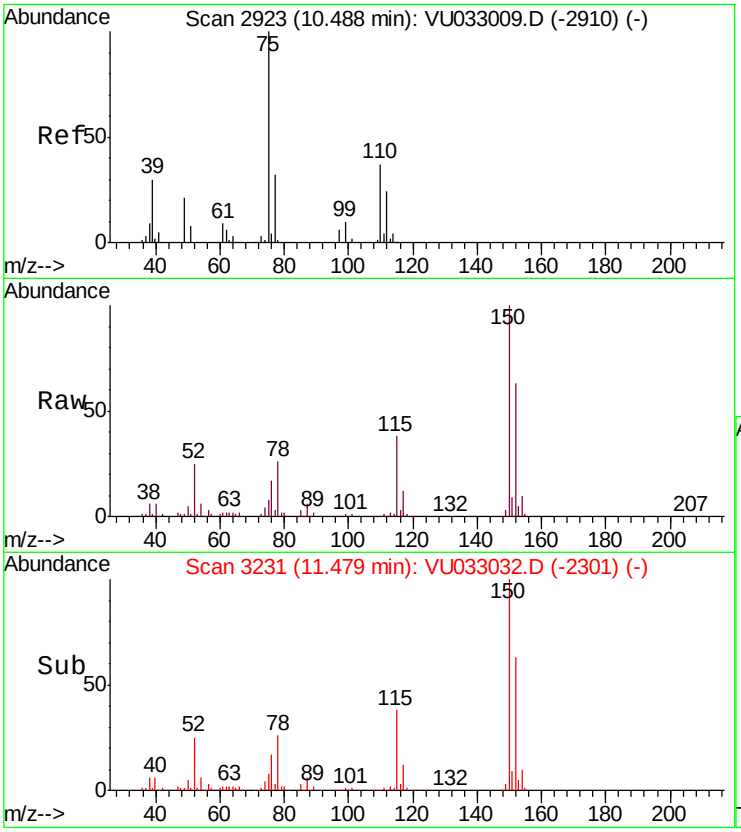


#44
trans-1,3-Dichloropropene
Concen: 0.910 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU033032.D
Acq: 25 Jun 2019 01:35

Tgt Ion: 75 Resp: 1979

Ion	Ratio	Lower	Upper
75	100		
77	36.1	21.8	40.4





#59
1,2,3-Trichloropropane
Concen: 5.716 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU033032.D
Acq: 25 Jun 2019 01:35

Instrument :
MSVOA_U
ClientSampleId :
ETF59DL

Tgt Ion: 75 Resp: 11336

Ion	Ratio	Lower	Upper
75	100		
77	38.3	25.5	38.3