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

Quantitation Report (Not Reviewed)

Data File : VU032994.D
Acq On : 24 Jun 2019 10:09
Operator : JC/SP
Sample : K3478-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF13

Quant Time: Jun 25 05:26:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:22:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	187579	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	179815	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88641	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	41041	32.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.02%			
7) Chloroethane-d5	1.68	69	40700	39.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.62%			
11) 1,1-Dichloroethene-d2	2.27	63	71474	27.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.36%#			
21) 2-Butanone-d5	4.17	46	126485	118.54	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.54%			
24) Chloroform-d	4.64	84	116602	46.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.58%			
26) 1,2-Dichloroethane-d4	5.30	65	85652	51.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.20%			
32) Benzene-d6	5.33	84	211403	45.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.20%			
36) 1,2-Dichloropropane-d6	6.32	67	74342	49.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.58%			
41) Toluene-d8	7.56	98	186613	42.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.02%			
43) trans-1,3-Dichloropropene-	7.85	79	35946	46.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.56%			
47) 2-Hexanone-d5	8.31	63	75901	108.86	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.86%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118087	51.16	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.32%			
64) 1,2-Dichlorobenzene-d4	11.85	152	83881	48.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.80%			

Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	73339	43.055	ug/L #	68
12) 1,1-Dichloroethene	2.27	96	703	0.595	ug/L #	1
13) Acetone	2.32	43	1867	1.267	ug/L	89
17) trans-1,2-Dichloroethene	2.98	96	6296	4.915	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	107300	76.892	ug/L	96
27) 1,2-Dichloroethane	5.34	62	1387	0.670	ug/L #	77
34) Trichloroethene	6.18	95	2510	1.814	ug/L	89
37) 1,2-Dichloropropane	6.32	63	8530	6.003	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2618	1.183	ug/L #	67
44) trans-1,3-Dichloropropene	7.84	75	1799	0.865	ug/L #	79
48) 2-Hexanone	8.37	43	2060	1.029	ug/L #	46
59) 1,2,3-Trichloropropane	11.48	75	11331	5.975	ug/L #	87

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

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

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Operator : JC/SP
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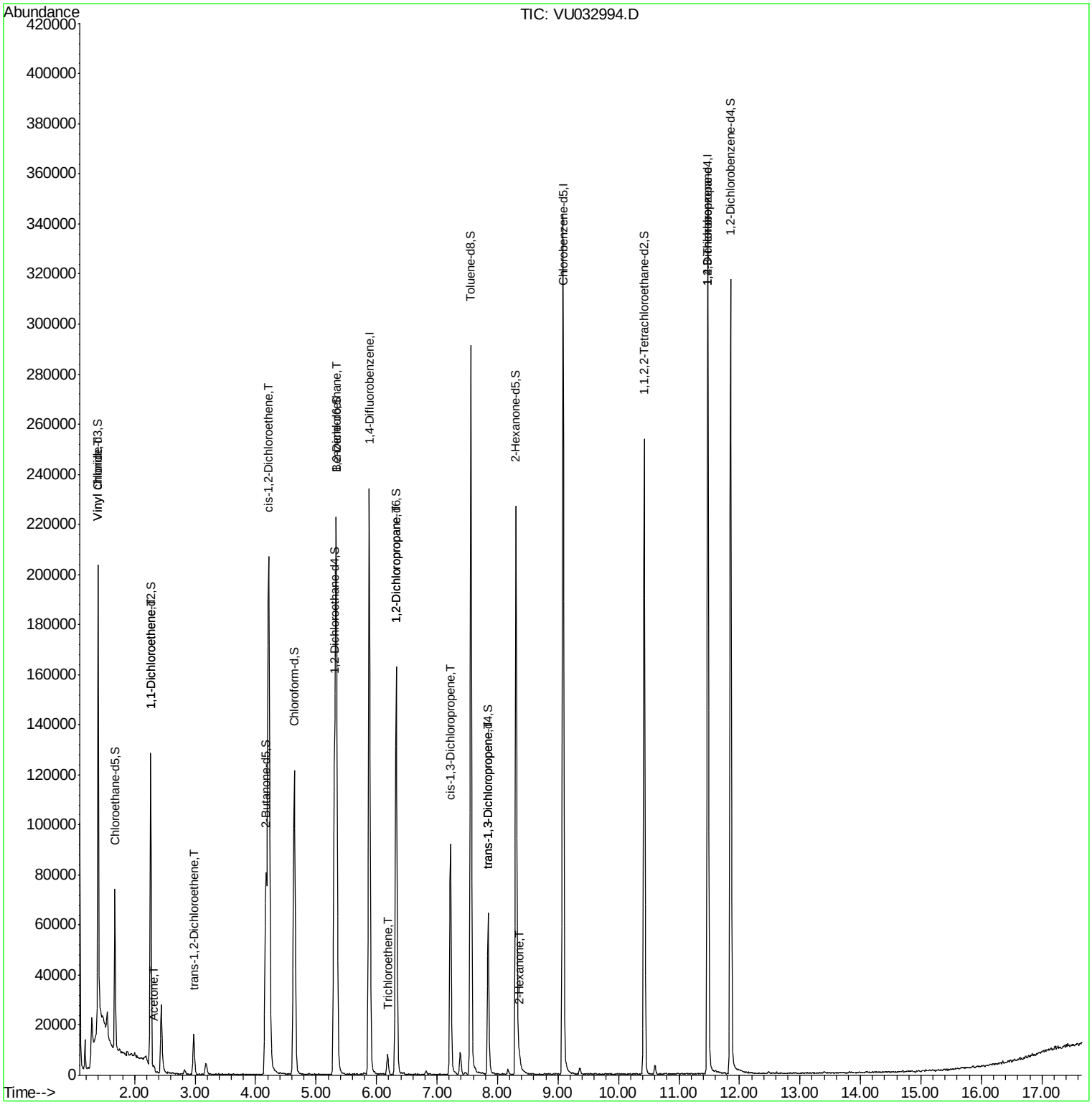
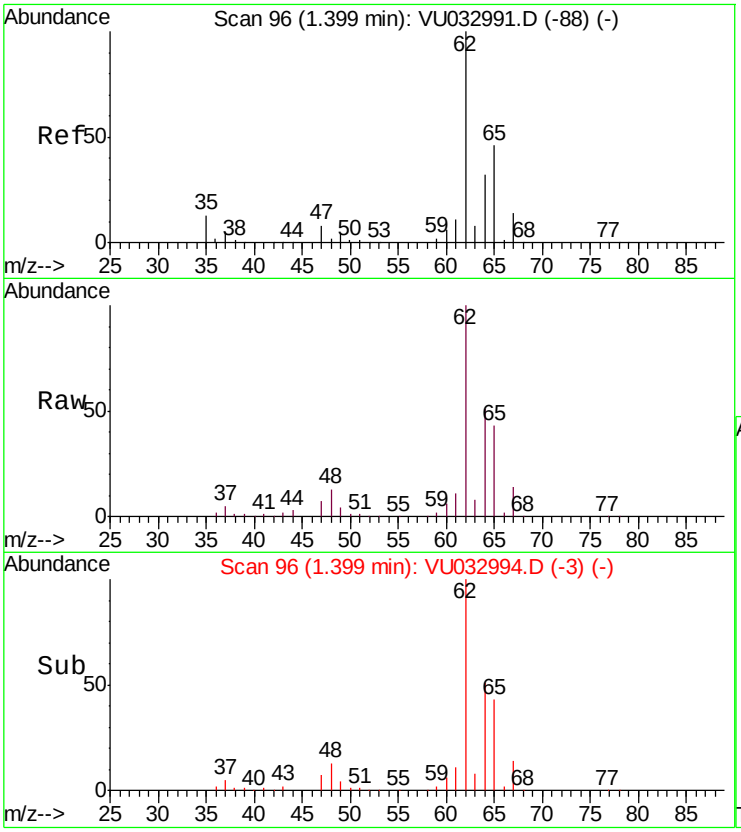
Instrument :
MSVOA_U
ClientSampleId :
ETF13

Quant Time: Jun 25 05:26:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:22:49 2019
Response via : Initial Calibration



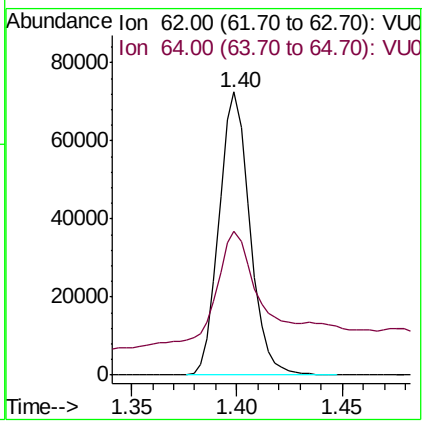


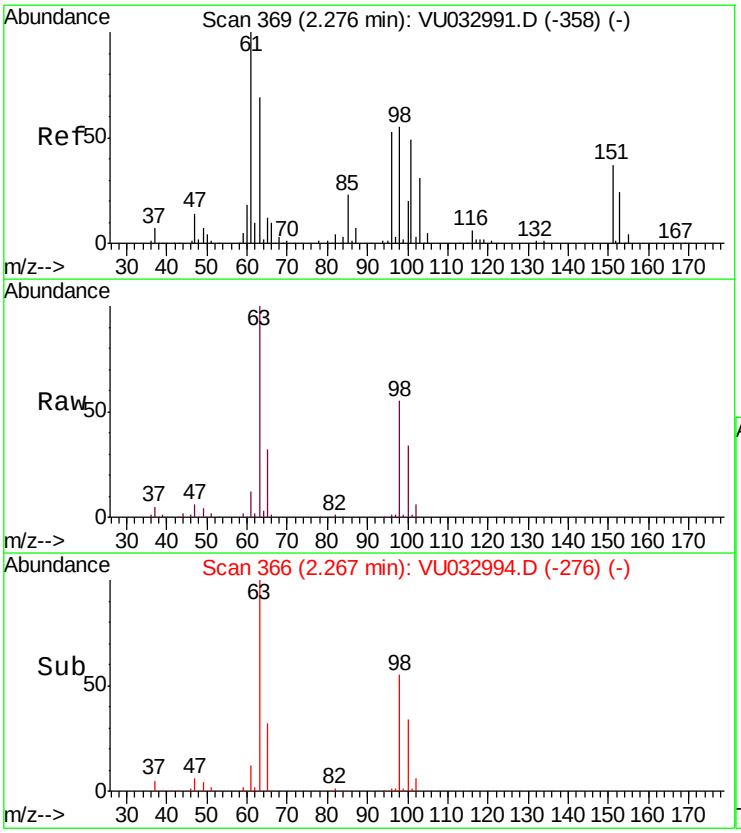
#5
Vinyl chloride
Concen: 43.055 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Instrument :
MSVOA_U
ClientSampleId :
ETF13

Tgt Ion: 62 Resp: 73339

Ion	Ratio	Lower	Upper
62	100		
64	50.8	23.0	42.6#

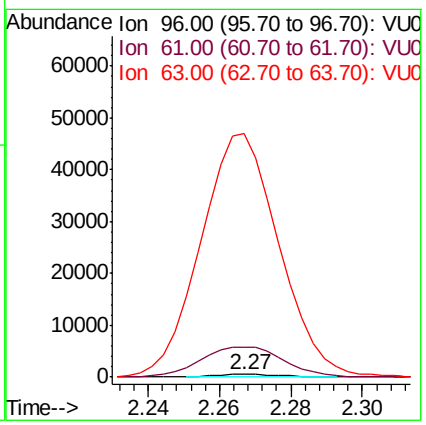


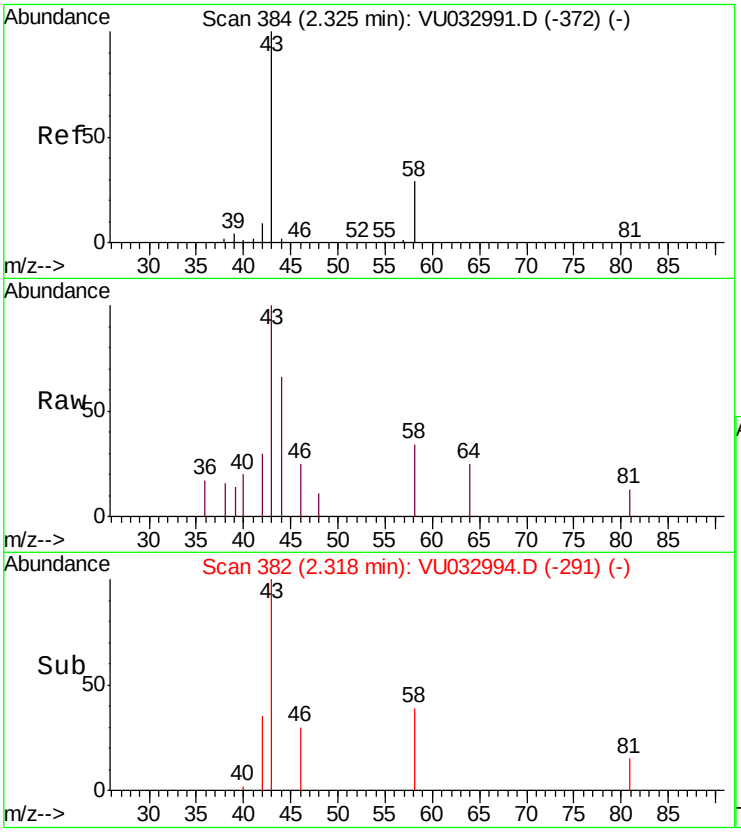


#12
1,1-Dichloroethene
Concen: 0.595 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Tgt Ion: 96 Resp: 703

Ion	Ratio	Lower	Upper
96	100		
61	1089.2	131.0	243.4#
63	8730.1	101.0	187.6#



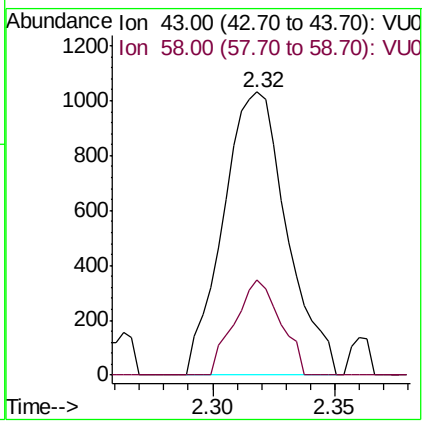


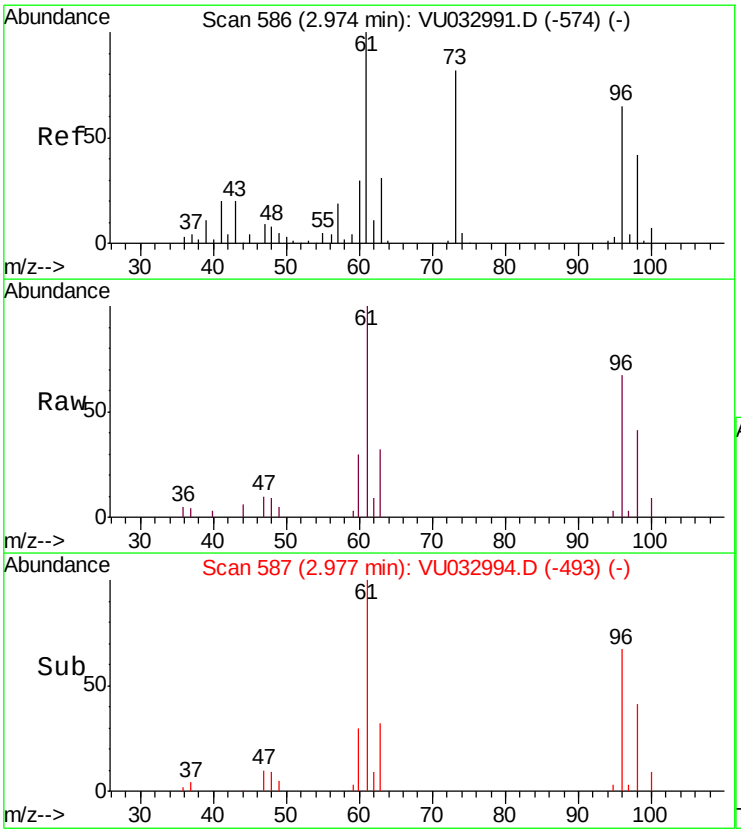
#13
Acetone
Concen: 1.267 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.01 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Instrument : MSVOA_U
ClientSampleId : ETF13

Tgt Ion: 43 Resp: 1867

Ion	Ratio	Lower	Upper
43	100		
58	24.2	0.0	60.6

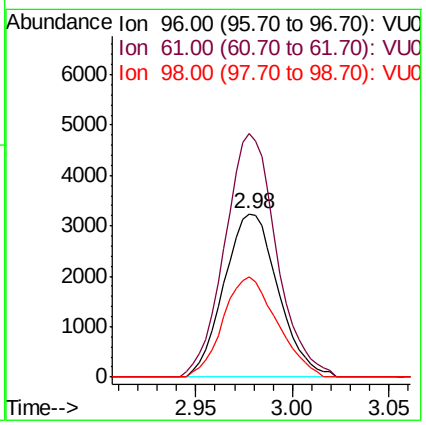


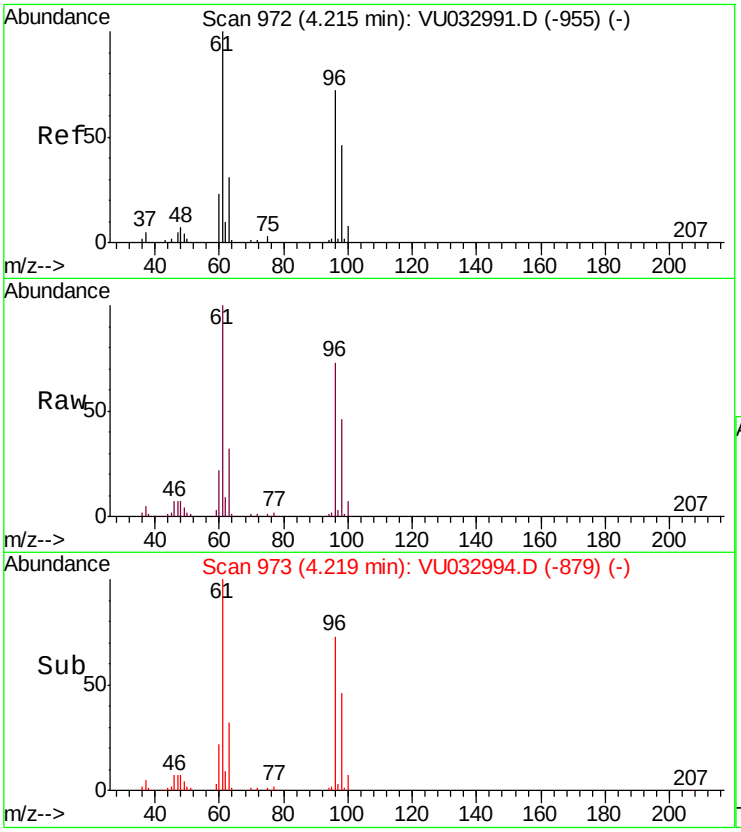


#17
trans-1,2-Dichloroethene
Concen: 4.915 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Tgt Ion: 96 Resp: 6296

Ion	Ratio	Lower	Upper
96	100		
61	148.8	100.9	187.5
98	61.1	44.0	81.8



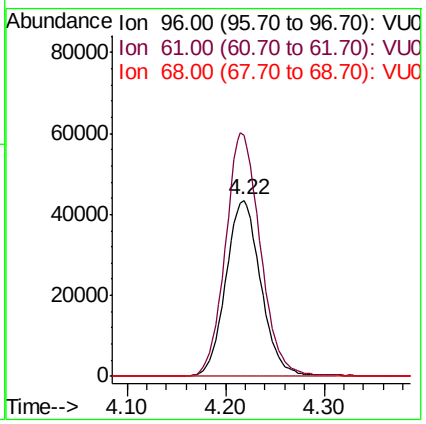


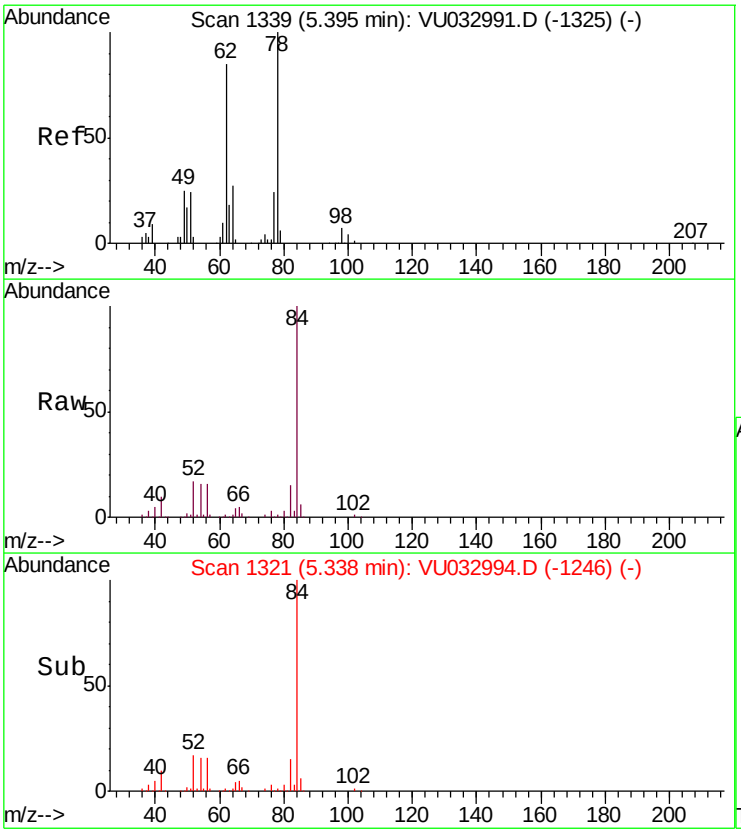
#20
cis-1,2-Dichloroethene
Concen: 76.892 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Instrument :
MSVOA_U
ClientSampleId :
ETF13

Tgt Ion: 96 Resp: 107300

Ion	Ratio	Lower	Upper
96	100		
61	137.0	92.4	171.6
68	0.0	0.0	0.0

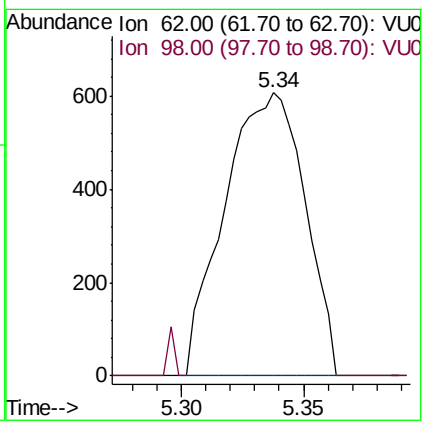


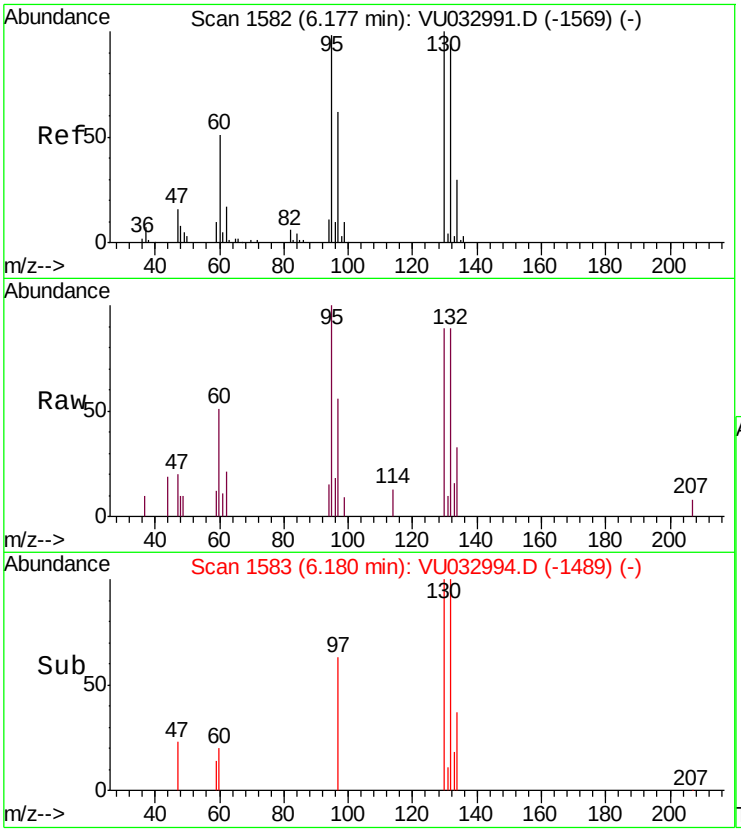


#27
1,2-Dichloroethane
Concen: 0.670 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.06 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Tgt Ion: 62 Resp: 1387

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



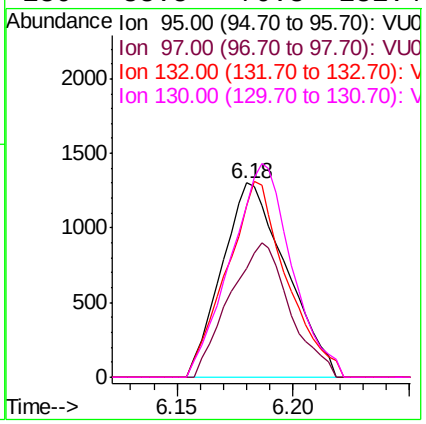


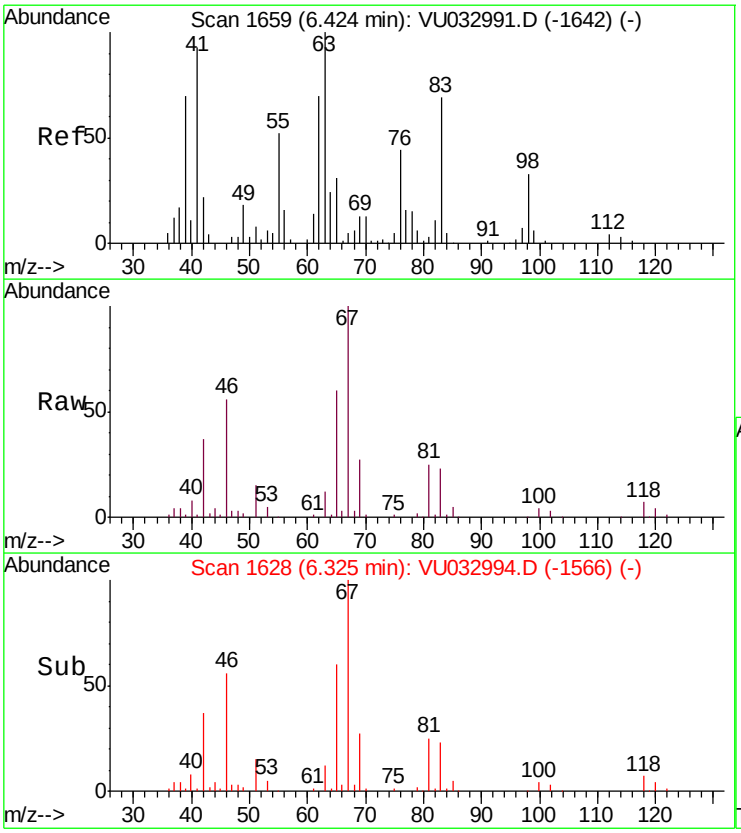
#34
Trichloroethene
Concen: 1.814 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Instrument :
MSVOA_U
ClientSampleId :
ETF13

Tgt Ion: 95 Resp: 2510

Ion	Ratio	Lower	Upper
95	100		
97	56.0	45.9	85.3
132	88.5	68.5	127.3
130	88.5	70.8	131.4

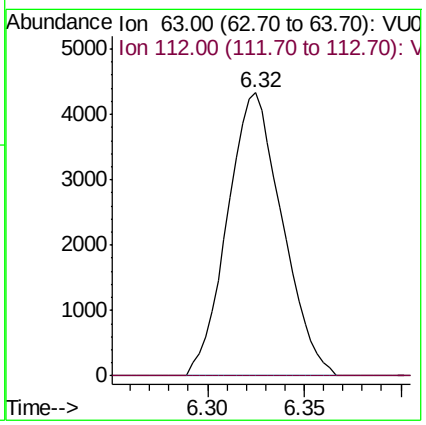


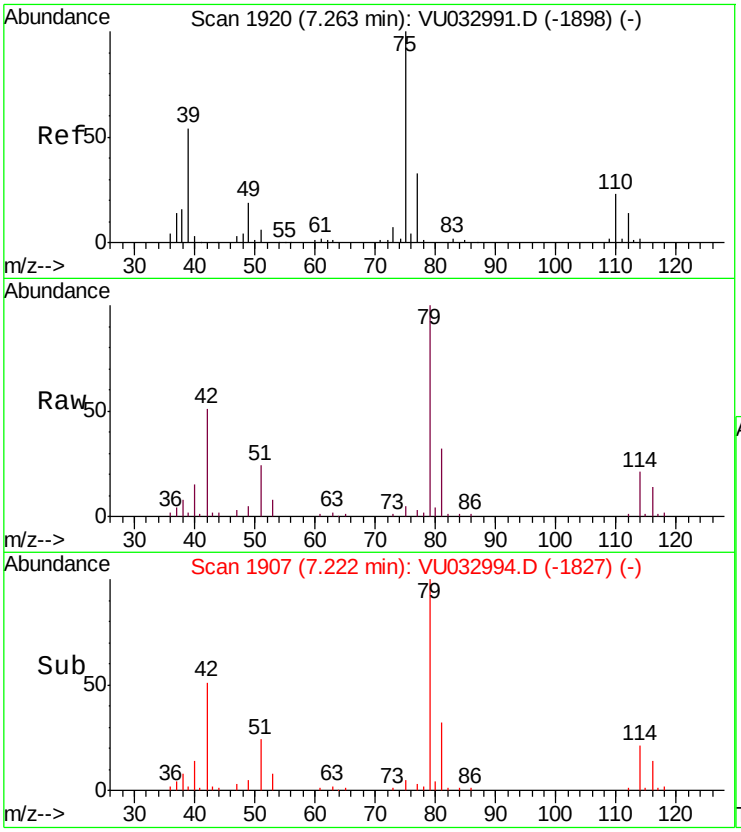


#37
1,2-Dichloropropane
Concen: 6.003 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Tgt Ion: 63 Resp: 8530

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



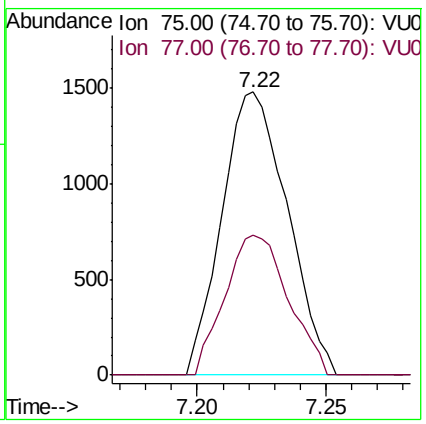


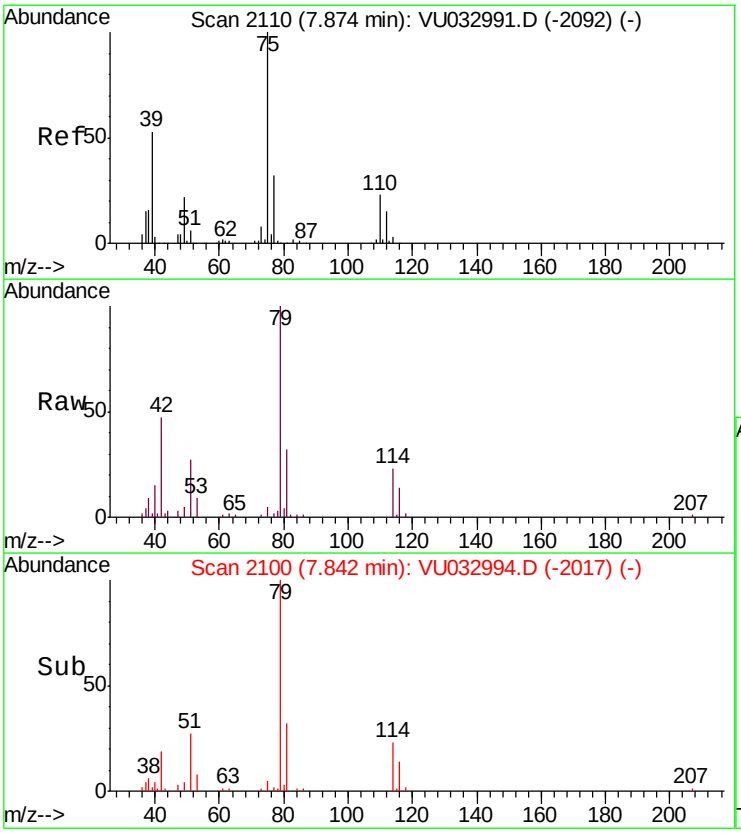
#39
cis-1,3-Dichloropropene
Concen: 1.183 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Instrument :
MSVOA_U
ClientSampleId :
ETF13

Tgt Ion: 75 Resp: 2618

Ion	Ratio	Lower	Upper
75	100		
77	49.3	21.9	40.7#

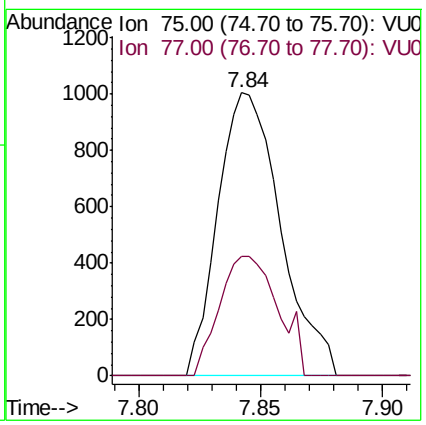


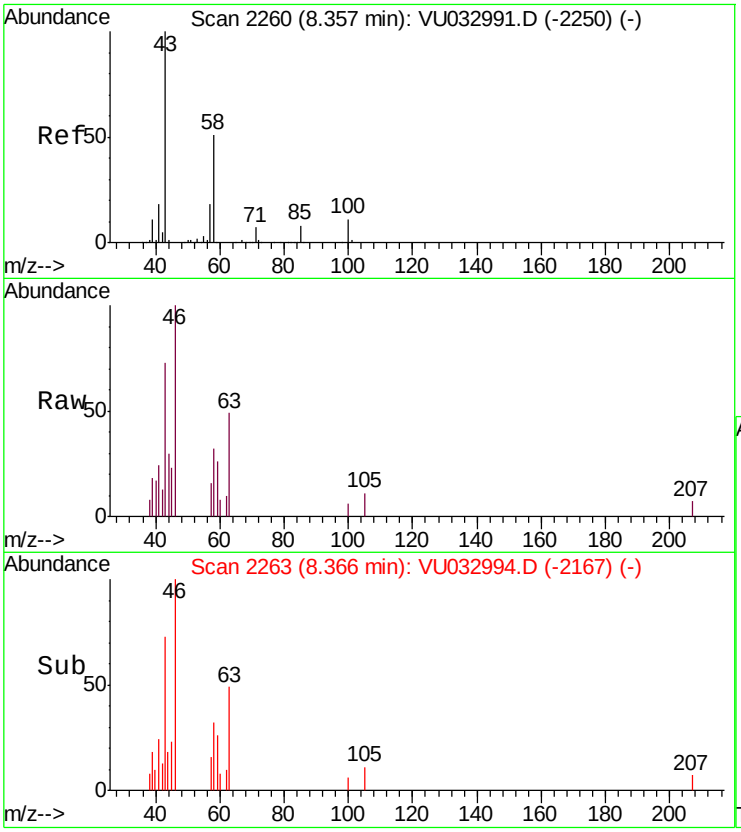


#44
trans-1,3-Dichloropropene
Concen: 0.865 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Tgt Ion: 75 Resp: 1799

Ion	Ratio	Lower	Upper
75	100		
77	42.4	21.8	40.4#



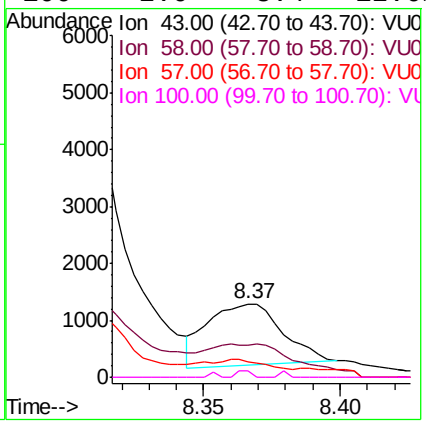


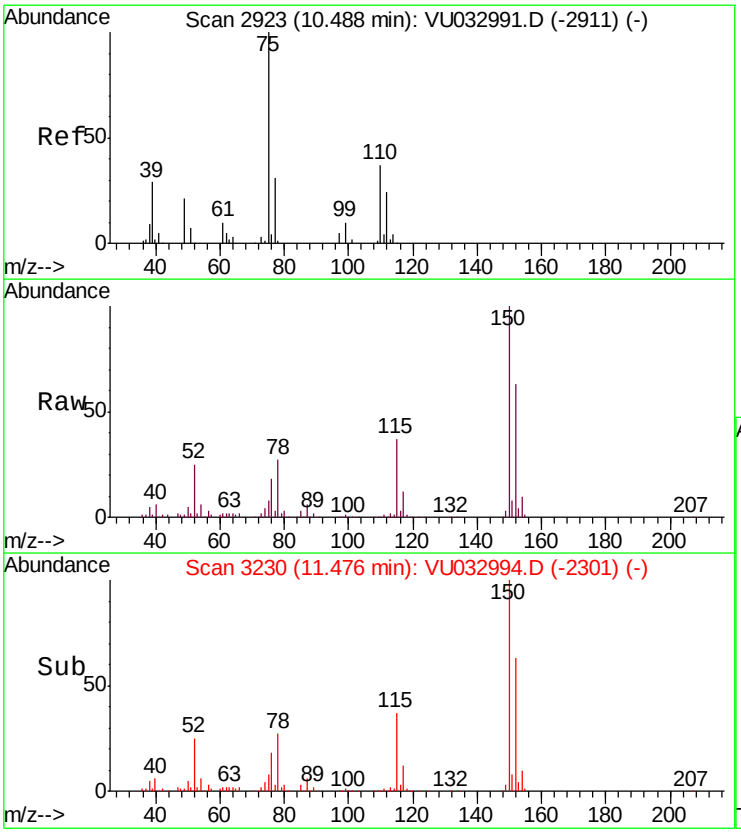
#48
2-Hexanone
Concen: 1.029 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Instrument :
MSVOA_U
ClientSampleId :
ETF13

Tgt Ion: 43 Resp: 2060

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.2	60.2#
57	9.6	14.2	21.4#
100	2.0	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 5.975 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032994.D
Acq: 24 Jun 2019 10:09

Tgt Ion: 75 Resp: 11331

Ion	Ratio	Lower	Upper
75	100		
77	39.3	25.5	38.3#