Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061119\

Quantitation Report (Not Reviewed)

Data File : VU032601.D
Acq On : 11 Jun 2019 11:51
Operator : JC/SP
Sample : K3277-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8B8DL

Quant Time: Jun 12 05:35:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	174423	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	164703	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84226	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	50194	44.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.70%			
7) Chloroethane-d5	1.67	69	42546	46.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.58%			
11) 1,1-Dichloroethene-d2	2.27	63	76746	34.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.28%			
21) 2-Butanone-d5	4.17	46	97406	102.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.86%			
24) Chloroform-d	4.64	84	102879	48.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.50%			
26) 1,2-Dichloroethane-d4	5.30	65	69362	52.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.34%			
32) Benzene-d6	5.33	84	208343	48.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.46%			
36) 1,2-Dichloropropane-d6	6.32	67	68097	50.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.58%			
41) Toluene-d8	7.56	98	190910	47.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.18%			
43) trans-1,3-Dichloropropene-	7.85	79	31914	49.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.48%			
47) 2-Hexanone-d5	8.31	63	57897	89.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.03%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	97493	50.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.36%			
64) 1,2-Dichlorobenzene-d4	11.86	152	81804	50.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.42%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	631	0.592	ug/L #	18
13) Acetone	2.32	43	2193	2.244	ug/L	97
15) Methyl Acetate	2.44	43	1161	0.832	ug/L #	53
27) 1,2-Dichloroethane	5.33	62	1209	0.725	ug/L #	75
34) Trichloroethene	6.18	95	91625	72.776	ug/L	98
35) Methylcyclohexane	6.32	83	15222	7.468	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7526	6.135	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2225	1.150	ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	1482	0.863	ug/L	84
48) 2-Hexanone	8.36	43	6090	3.757	ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	9829	6.164	ug/L	95

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

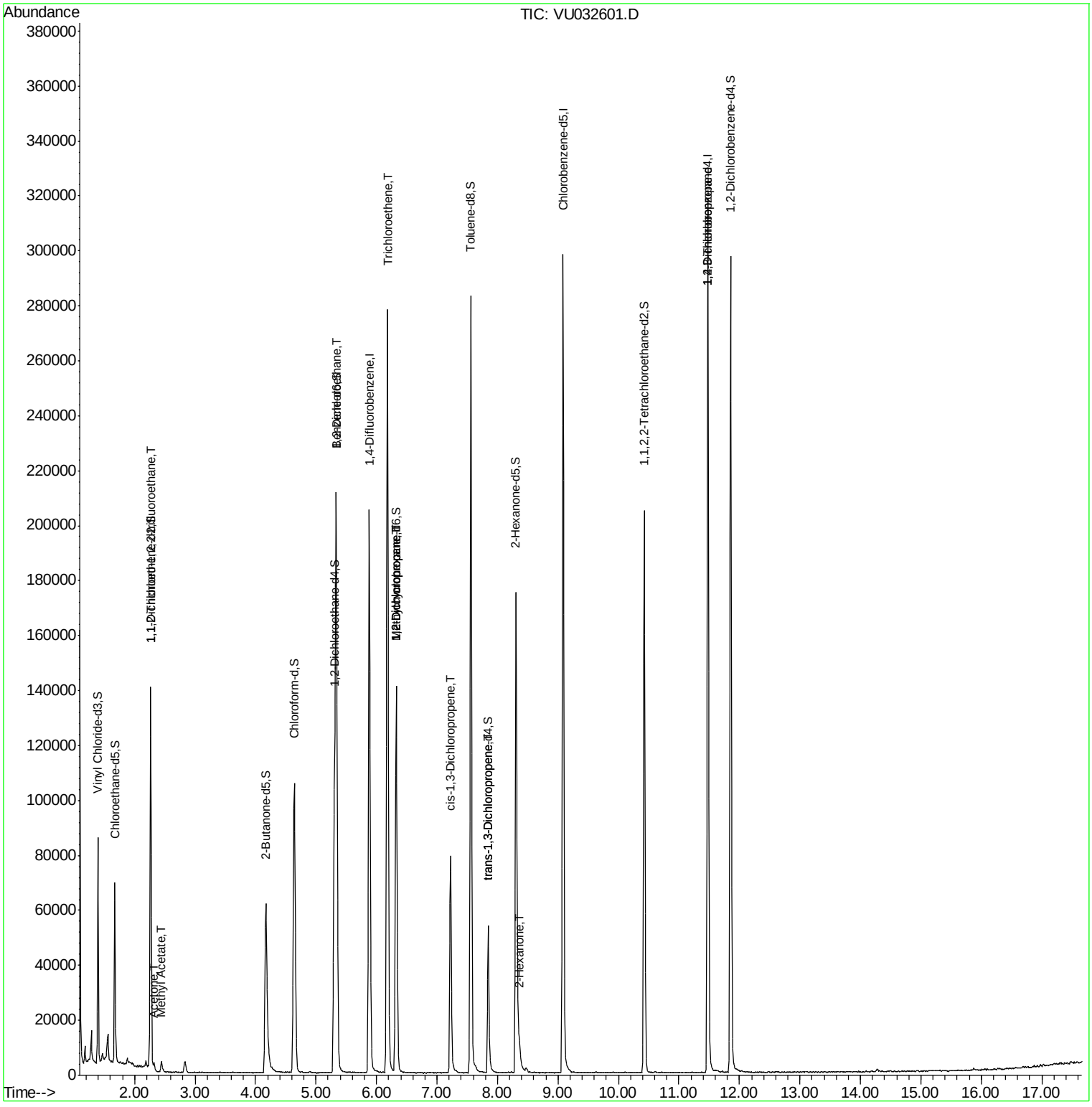
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061119\

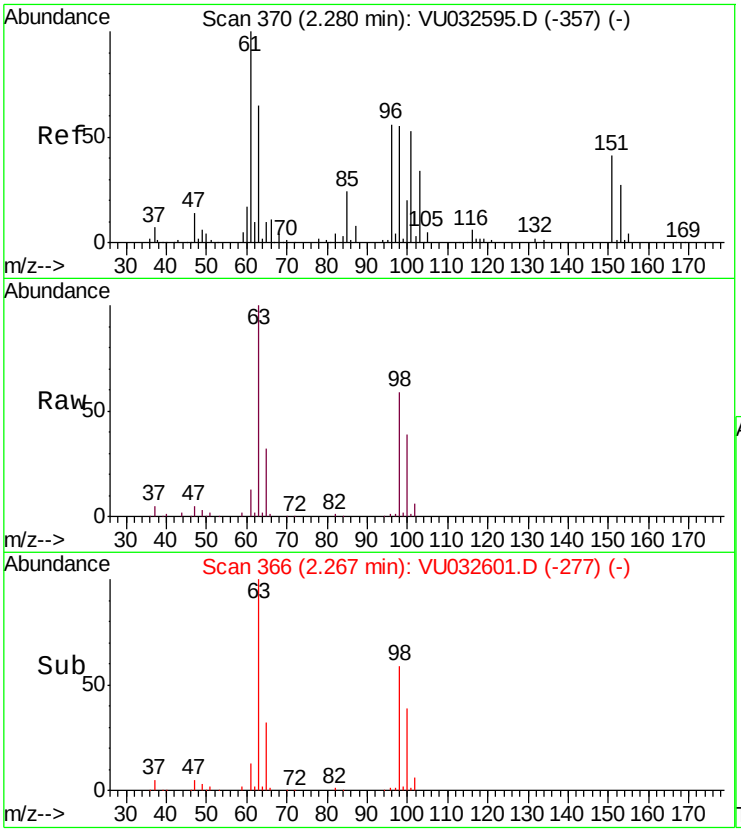
Quantitation Report (Not Reviewed)

Data File : VU032601.D
Acq On : 11 Jun 2019 11:51
Operator : JC/SP
Sample : K3277-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B8DL

Quant Time: Jun 12 05:35:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration



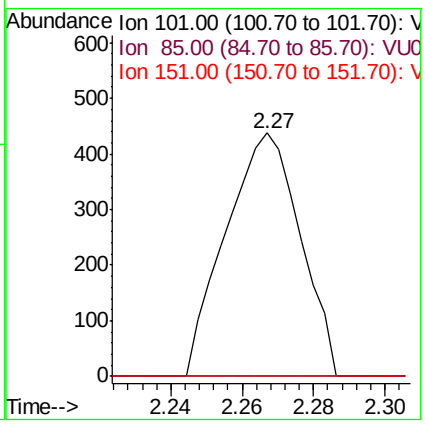


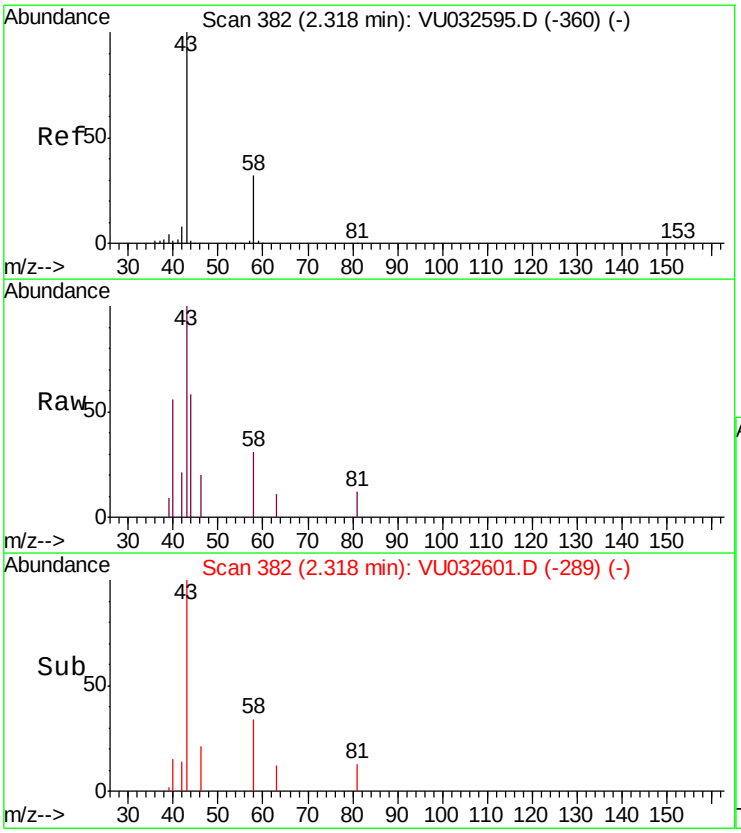
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.592 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032601.D
Acq: 11 Jun 2019 11:51

Instrument : MSVOA_U
ClientSampleId : DB8B8DL

Tgt Ion:101 Resp: 631

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	63.0	94.4#

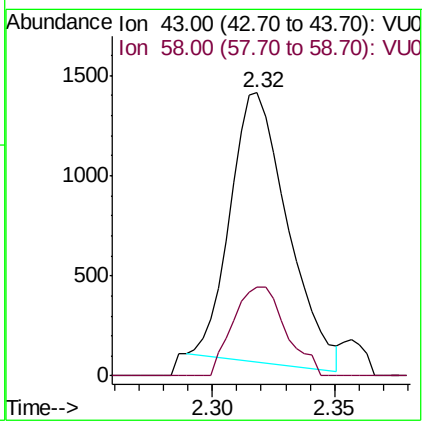


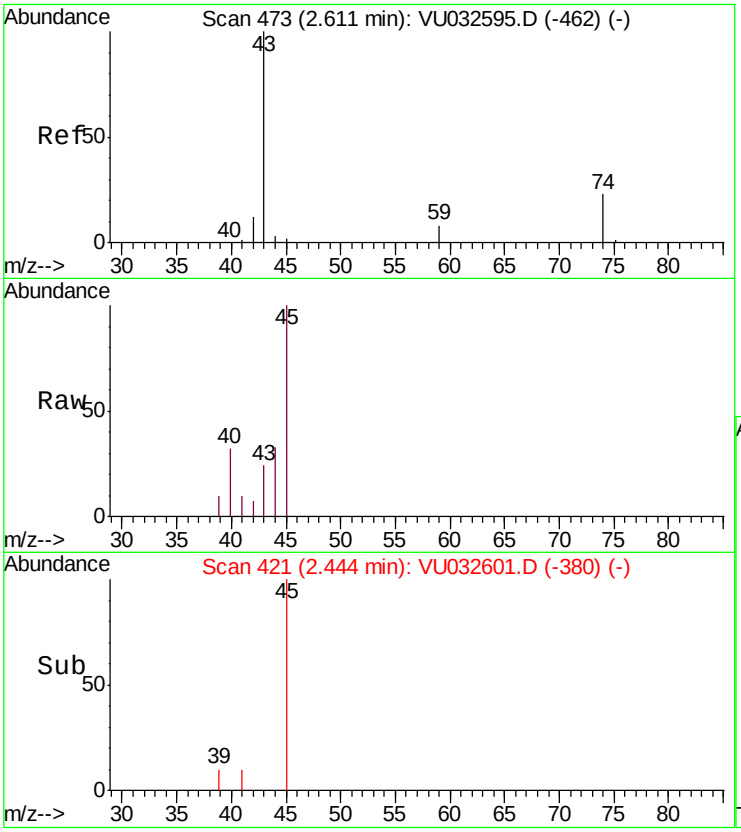


#13
Acetone
Concen: 2.244 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032601.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 43 Resp: 2193

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	64.0



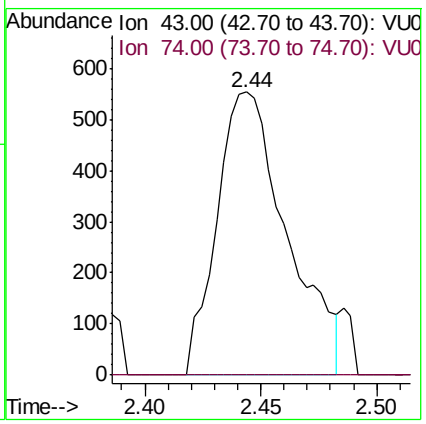


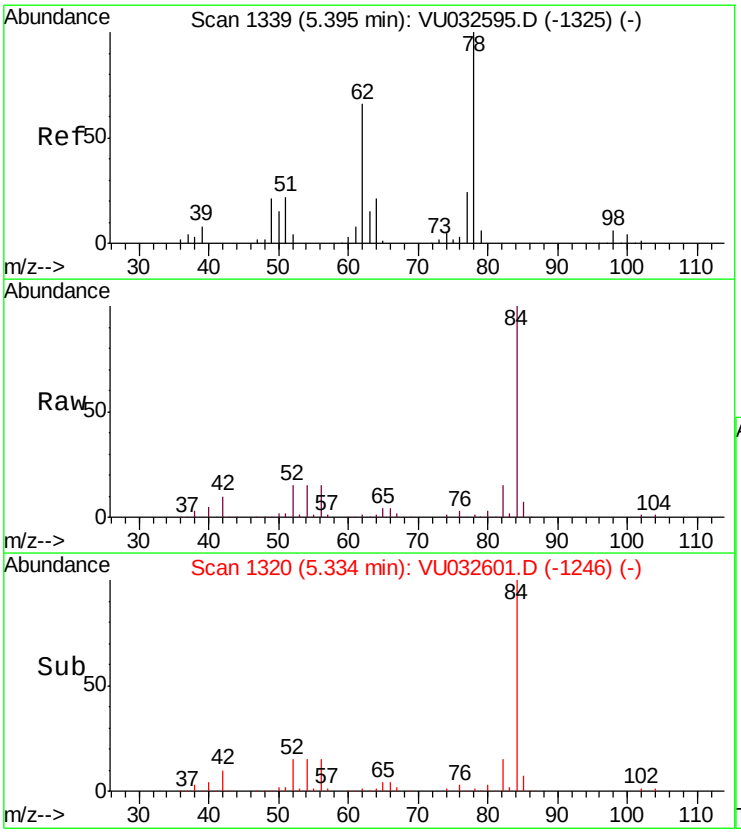
#15
Methyl Acetate
Concen: 0.832 ug/L
RT: 2.44 min Scan# 421
Delta R.T. -0.17 min
Lab File: VU032601.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
DB8B8DL

Tgt Ion: 43 Resp: 1161

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

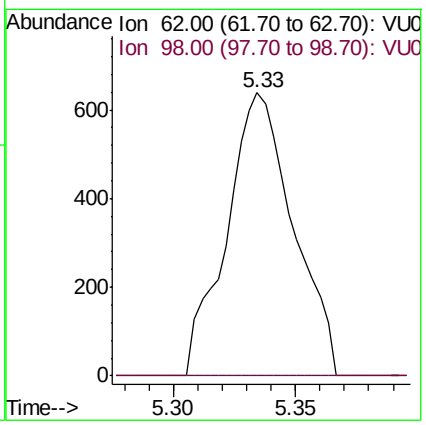


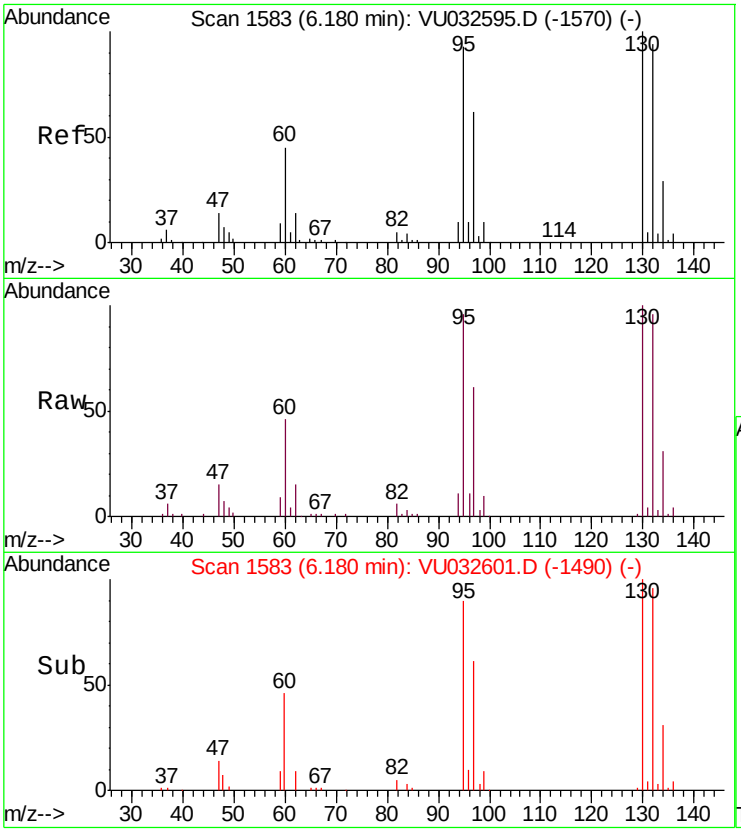


#27
1,2-Dichloroethane
Concen: 0.725 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032601.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 62 Resp: 1209

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



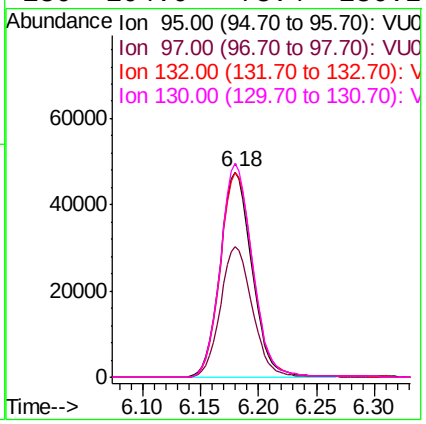


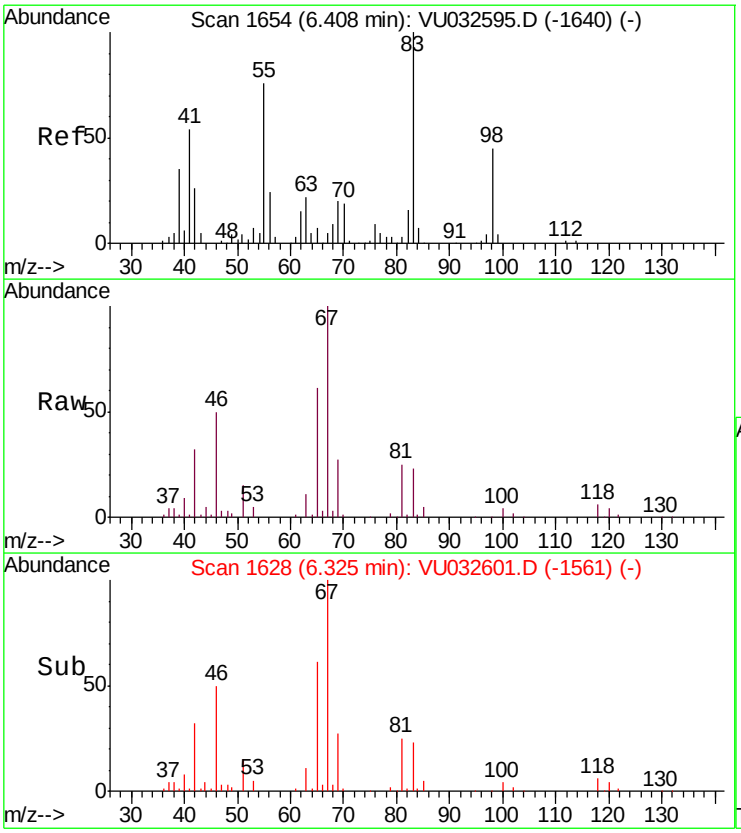
#34
Trichloroethene
Concen: 72.776 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032601.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
DB8B8DL

Tgt Ion: 95 Resp: 91625

Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.8	85.2
132	99.4	71.0	131.8
130	104.0	73.4	136.2

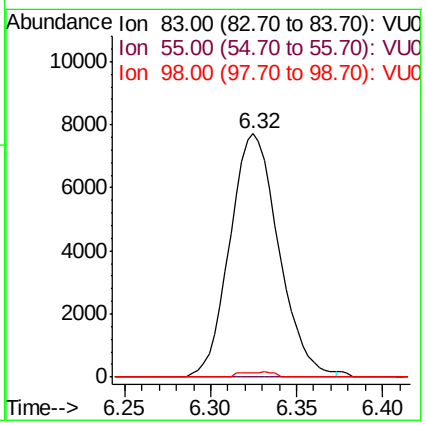


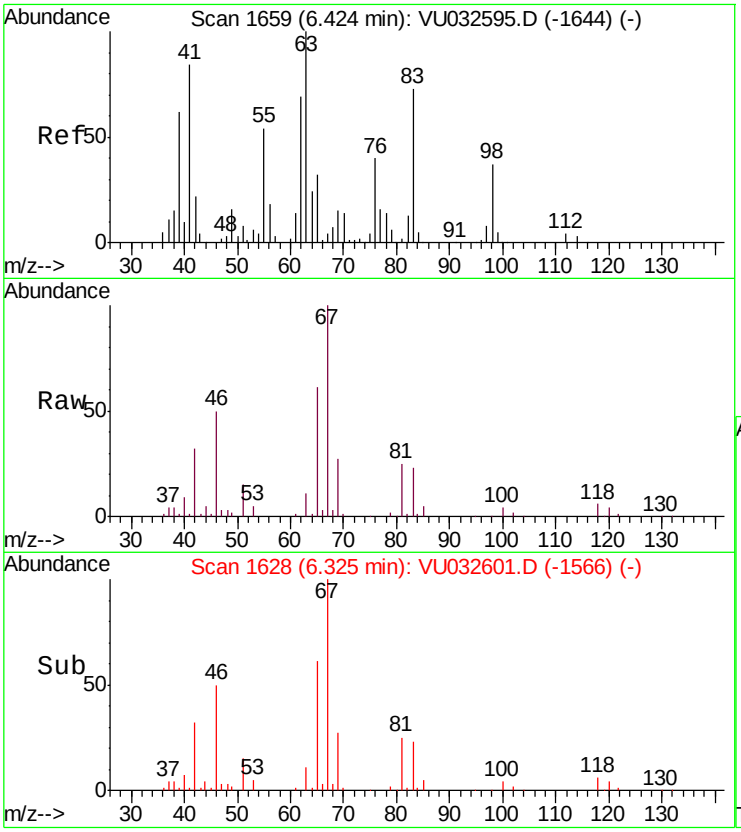


#35
Methylcyclohexane
Concen: 7.468 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032601.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 83 Resp: 15222

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.4#
98	0.0	37.4	56.2#



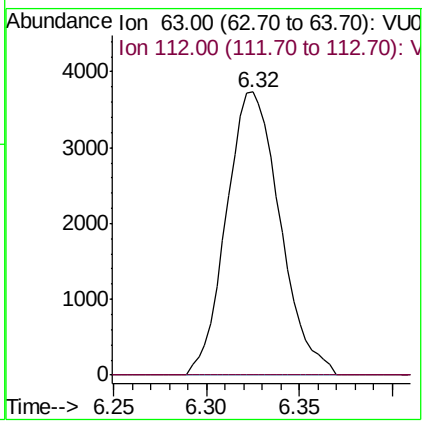


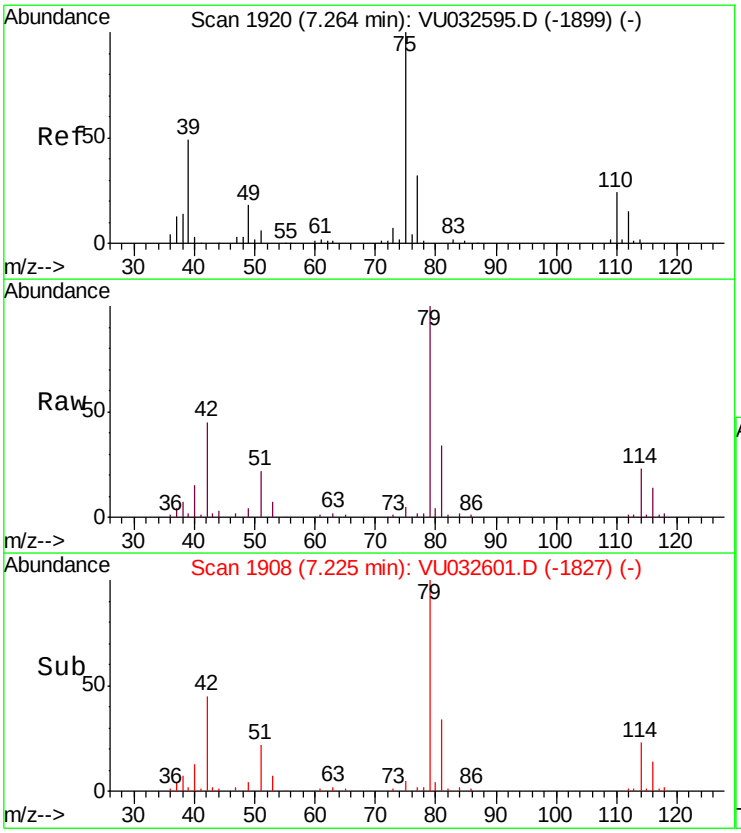
#37
1,2-Dichloropropane
Concen: 6.135 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032601.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
DB8B8DL

Tgt Ion: 63 Resp: 7526

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

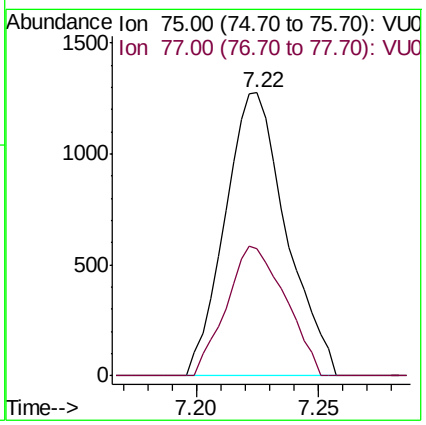


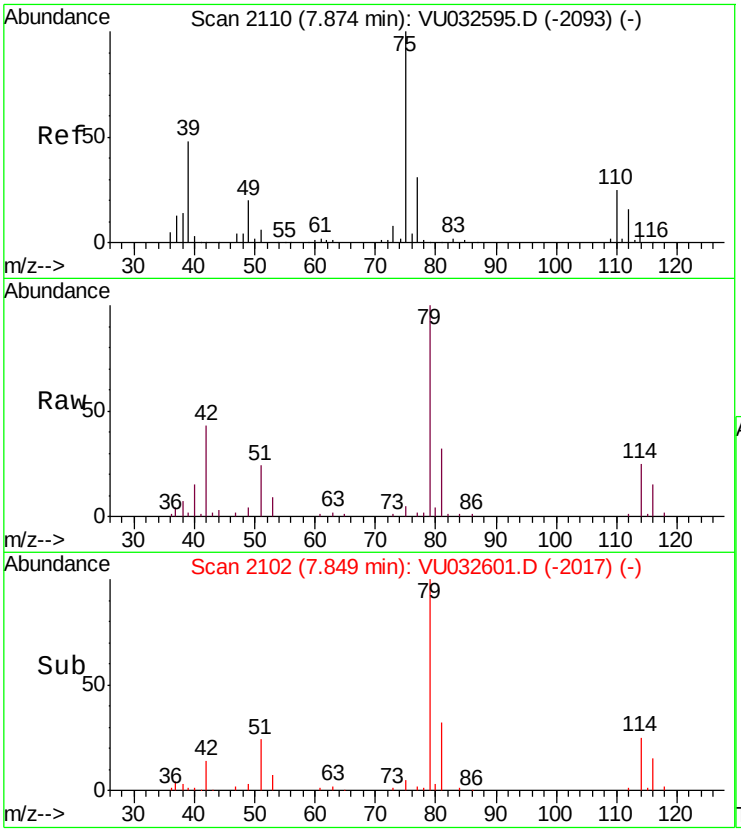


#39
cis-1,3-Dichloropropene
Concen: 1.150 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032601.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 75 Resp: 2225

Ion	Ratio	Lower	Upper
75	100		
77	45.0	22.0	41.0#



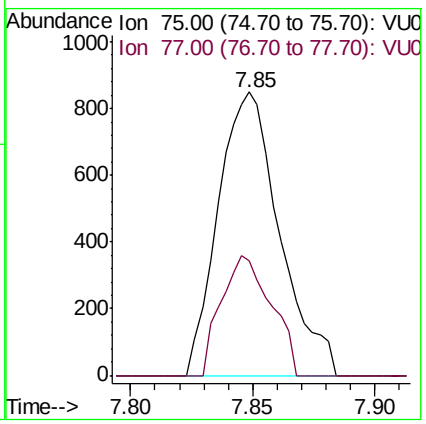


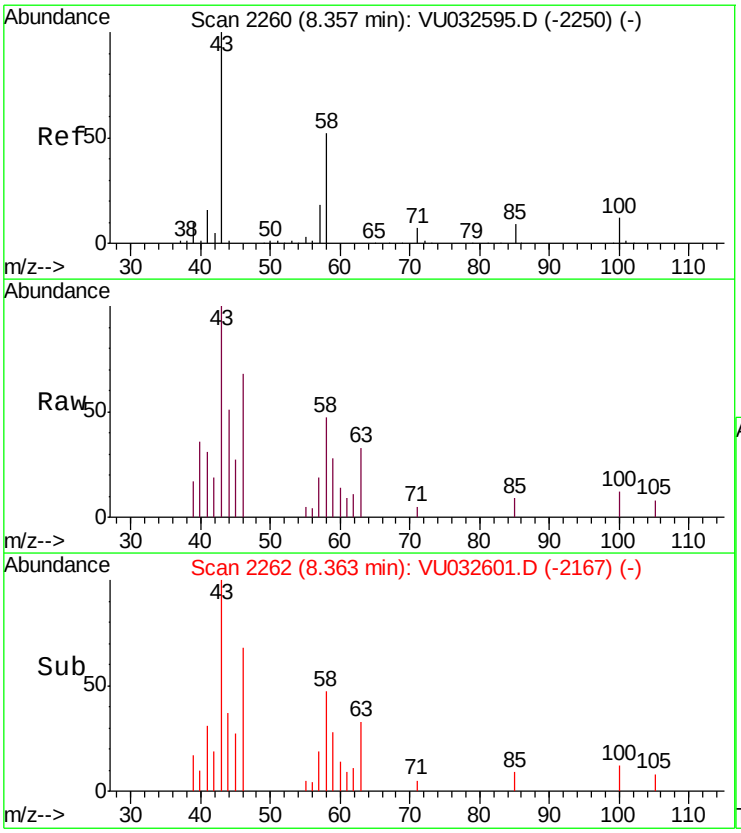
#44
trans-1,3-Dichloropropene
Concen: 0.863 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032601.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
DB8B8DL

Tgt Ion: 75 Resp: 1482

Ion	Ratio	Lower	Upper
75	100		
77	40.5	22.1	41.1

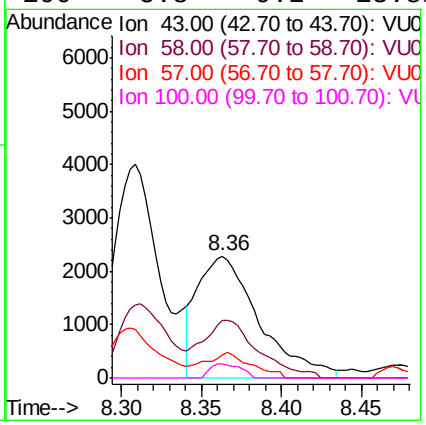


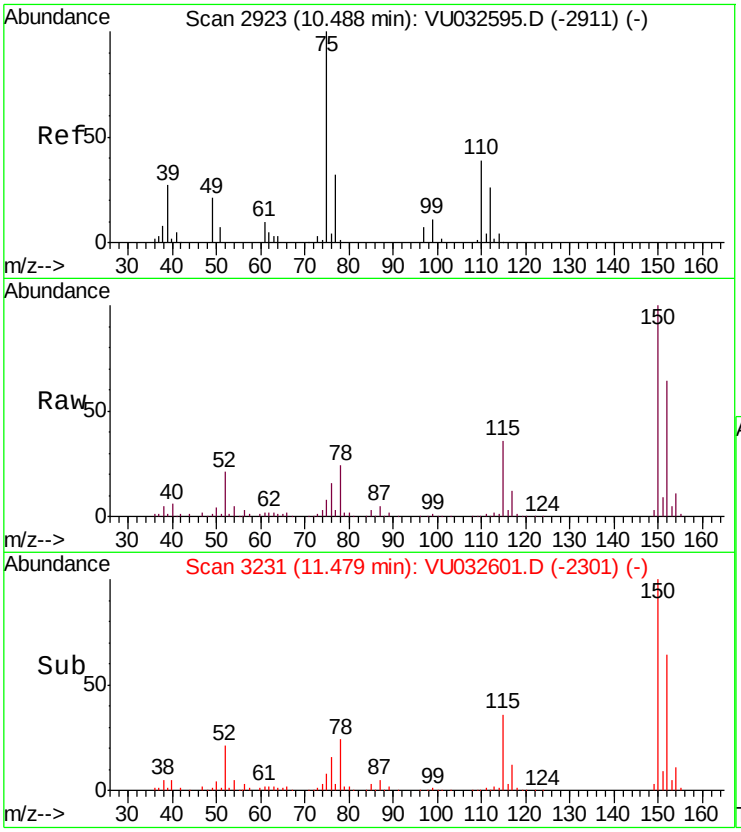


#48
2-Hexanone
Concen: 3.757 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032601.D
Acq: 11 Jun 2019 11:51

Tgt Ion: 43 Resp: 6090

Ion	Ratio	Lower	Upper
43	100		
58	43.2	42.0	63.0
57	10.2	14.6	22.0#
100	5.8	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 6.164 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032601.D
Acq: 11 Jun 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
DB8B8DL

Tgt Ion: 75 Resp: 9829

Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.6	38.4