Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060819\
Data File : VU032548.D
Acq On : 08 Jun 2019 17:25
Operator : JC/SP
Sample : K3276-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8F0

Quant Time: Jun 08 23:16:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 08 23:12:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	213718	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	200468	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99825	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	73604	53.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.16%			
7) Chloroethane-d5	1.68	69	58006	52.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.12%			
11) 1,1-Dichloroethene-d2	2.27	63	105921	39.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.04%			
21) 2-Butanone-d5	4.17	46	117637	101.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.38%			
24) Chloroform-d	4.64	84	128327	49.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.24%			
26) 1,2-Dichloroethane-d4	5.30	65	84917	52.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.26%			
32) Benzene-d6	5.33	84	271442	52.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.32%			
36) 1,2-Dichloropropane-d6	6.32	67	84531	51.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.60%			
41) Toluene-d8	7.56	98	250462	50.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.52%			
43) trans-1,3-Dichloropropene-	7.85	79	39845	51.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.04%			
47) 2-Hexanone-d5	8.31	63	75595	95.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.50%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116426	49.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.48%			
64) 1,2-Dichlorobenzene-d4	11.85	152	100761	52.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.40%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	941	0.720	ug/L #	18
12) 1,1-Dichloroethene	2.26	96	854	0.673	ug/L #	1
13) Acetone	2.32	43	4476	3.738	ug/L	91
19) 1,1-Dichloroethane	3.44	63	1525	0.609	ug/L	90
34) Trichloroethene	6.18	95	7237	4.723	ug/L	96
35) Methylcyclohexane	6.32	83	19100	7.699	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	9473	6.345	ug/L #	88
40) 4-Methyl-2-pentanone	7.56	43	1186	0.494	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1862	0.890	ug/L	93
48) 2-Hexanone	8.36	43	5454	2.764	ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	11526	5.938	ug/L	91

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

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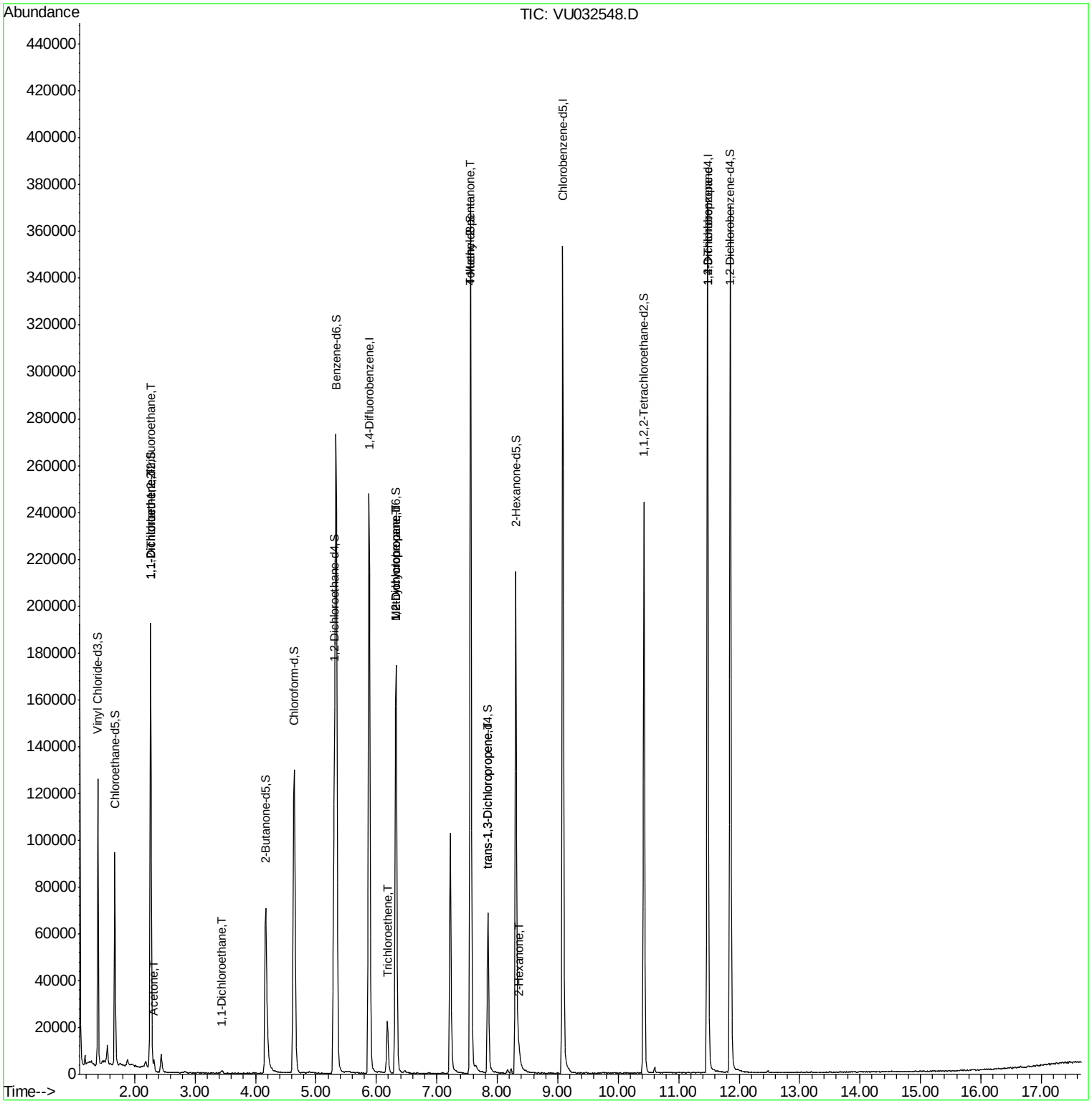
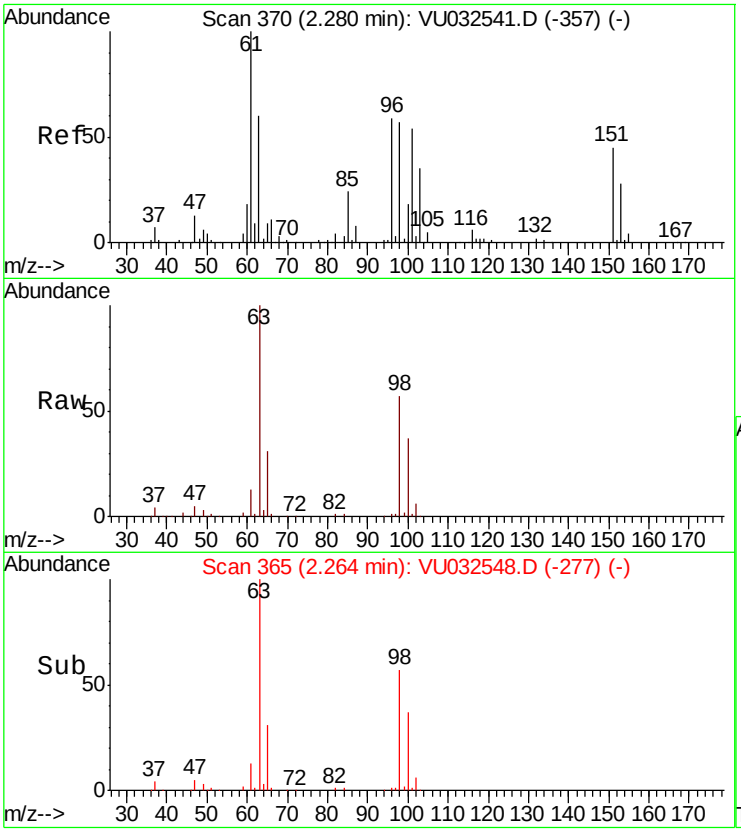
DB8F0

Quant Time: Jun 08 23:16:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 08 23:12:44 2019
Response via : Initial Calibration



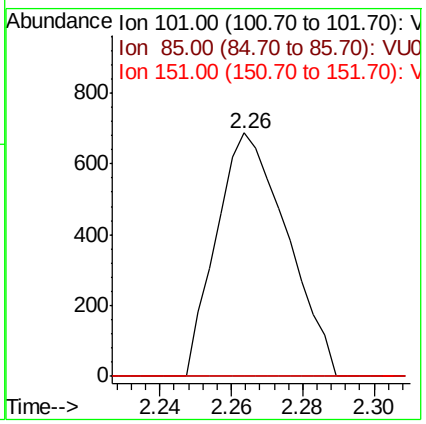


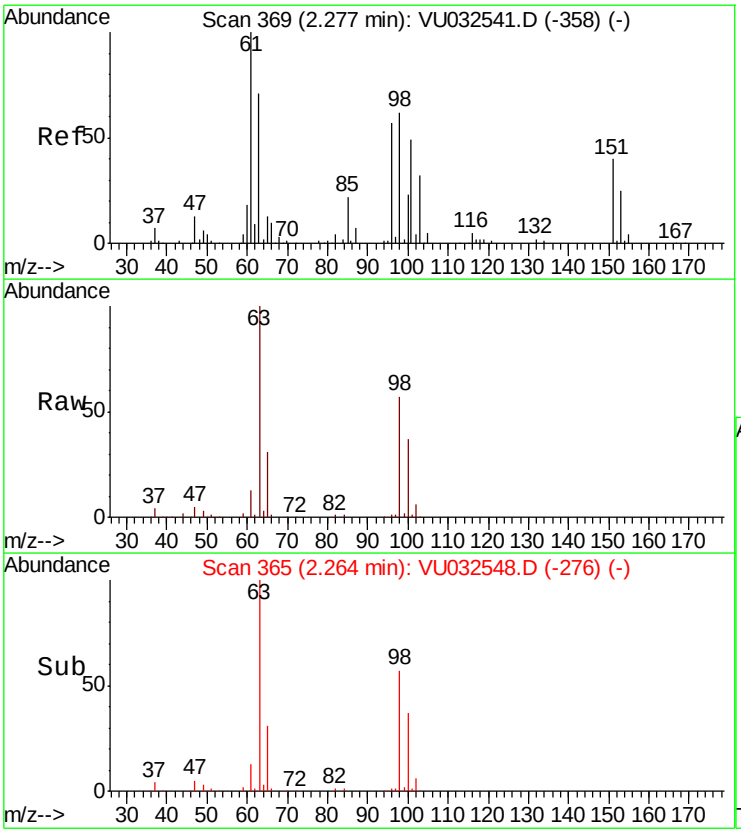
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.720 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032548.D
Acq: 08 Jun 2019 17:25

Instrument :
MSVOA_U
ClientSampleId :
DB8F0

Tgt Ion:101 Resp: 941

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

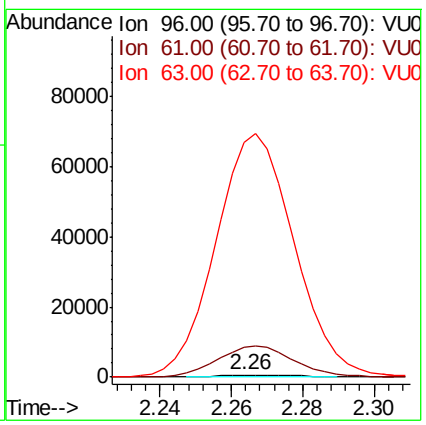


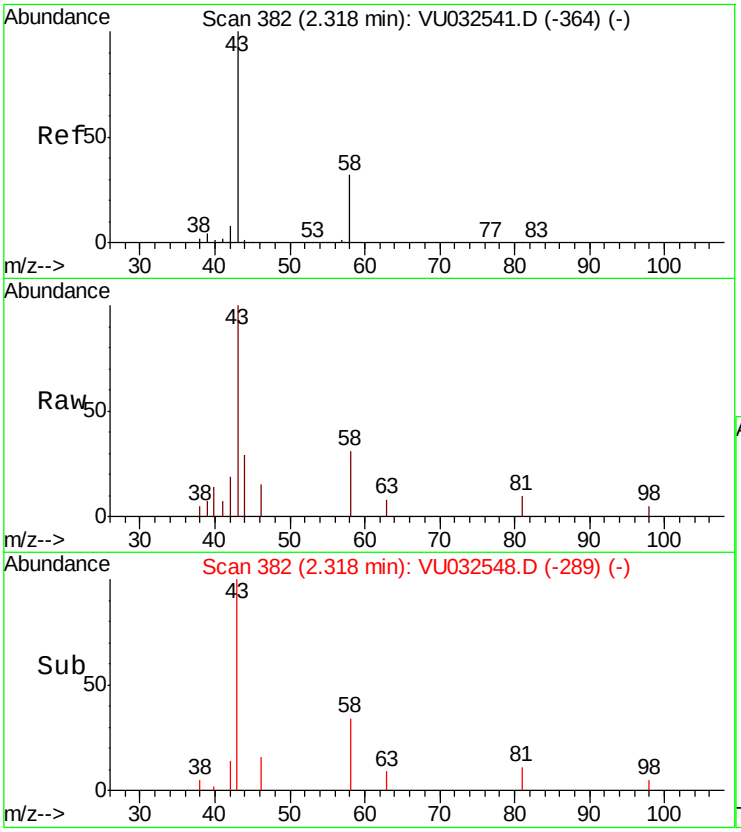


#12
1,1-Dichloroethene
Concen: 0.673 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU032548.D
Acq: 08 Jun 2019 17:25

Tgt Ion: 96 Resp: 854

Ion	Ratio	Lower	Upper
96	100		
61	1491.5	129.5	240.5#
63	11838.9	103.4	192.0#



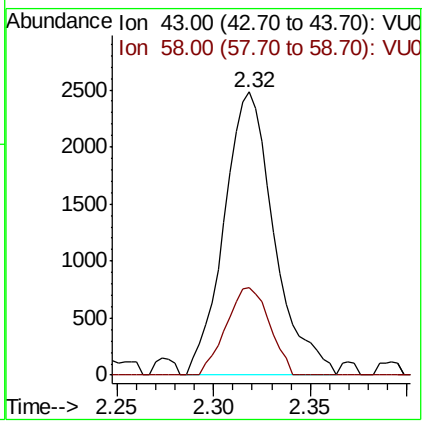


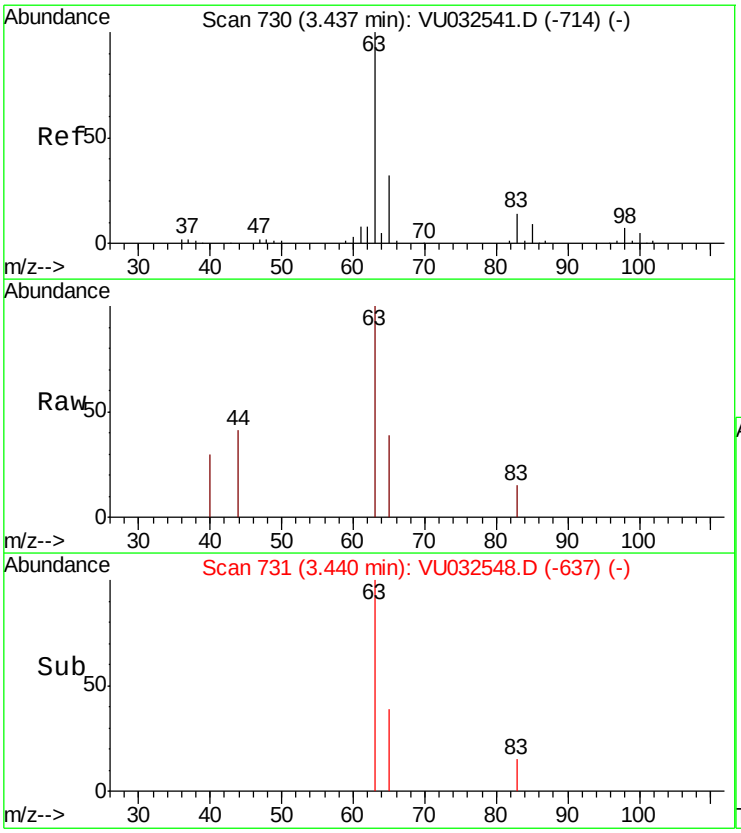
#13
Acetone
Concen: 3.738 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032548.D
Acq: 08 Jun 2019 17:25

Instrument : MSVOA_U
ClientSampleId : DB8F0

Tgt Ion: 43 Resp: 4476

Ion	Ratio	Lower	Upper
43	100		
58	26.8	0.0	64.0

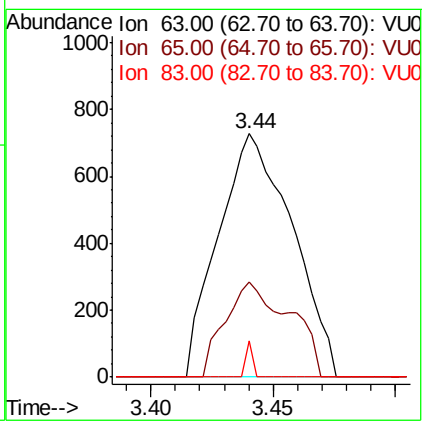


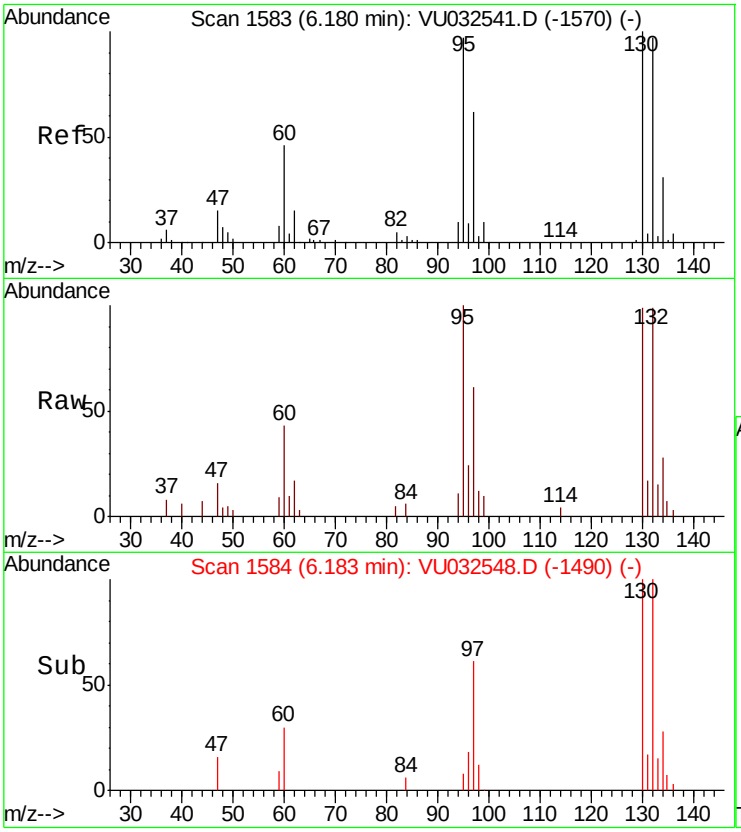


#19
1,1-Dichloroethane
Concen: 0.609 ug/L
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU032548.D
Acq: 08 Jun 2019 17:25

Tgt Ion: 63 Resp: 1525

Ion	Ratio	Lower	Upper
63	100		
65	39.1	21.8	40.6
83	14.7	9.8	18.2



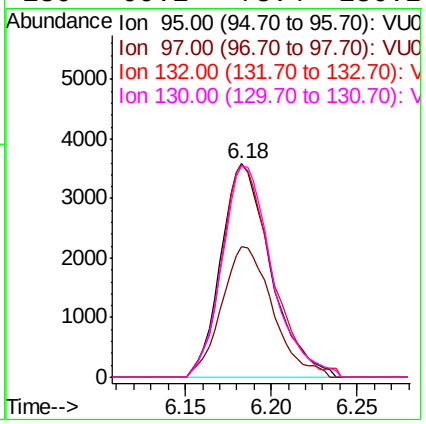


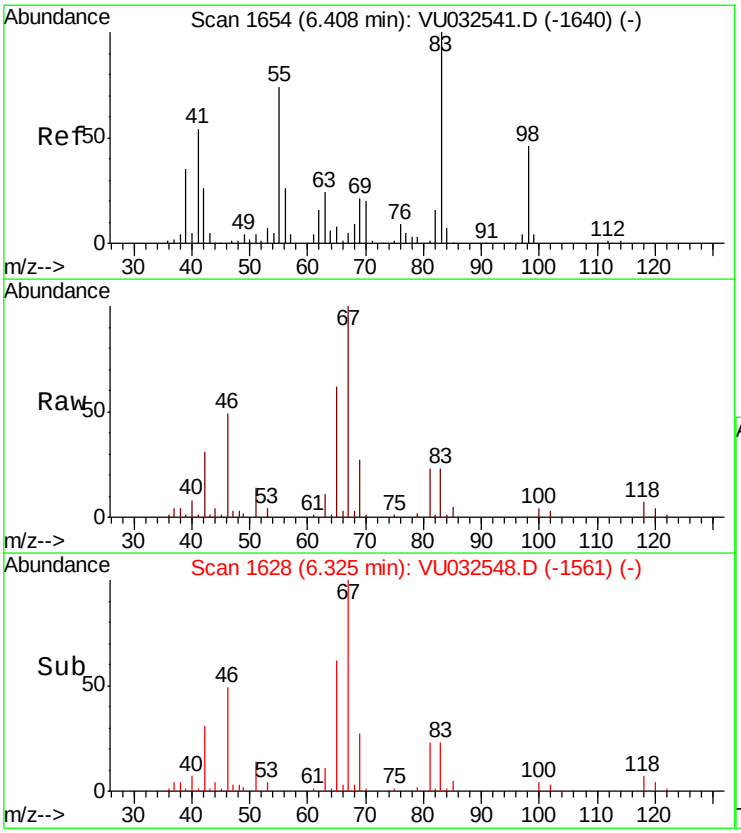
#34
Trichloroethene
Concen: 4.723 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032548.D
Acq: 08 Jun 2019 17:25

Instrument :
MSVOA_U
ClientSampleId :
DB8F0

Tgt Ion: 95 Resp: 7237

Ion	Ratio	Lower	Upper
95	100		
97	60.8	45.8	85.2
132	99.5	71.0	131.8
130	99.1	73.4	136.2

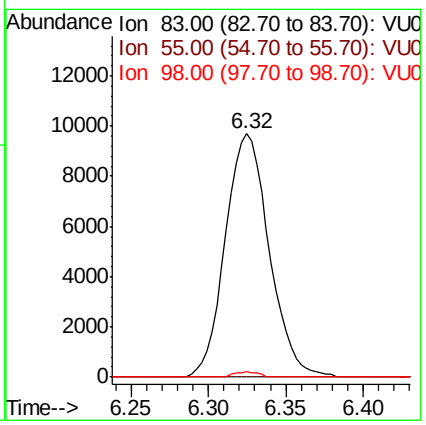


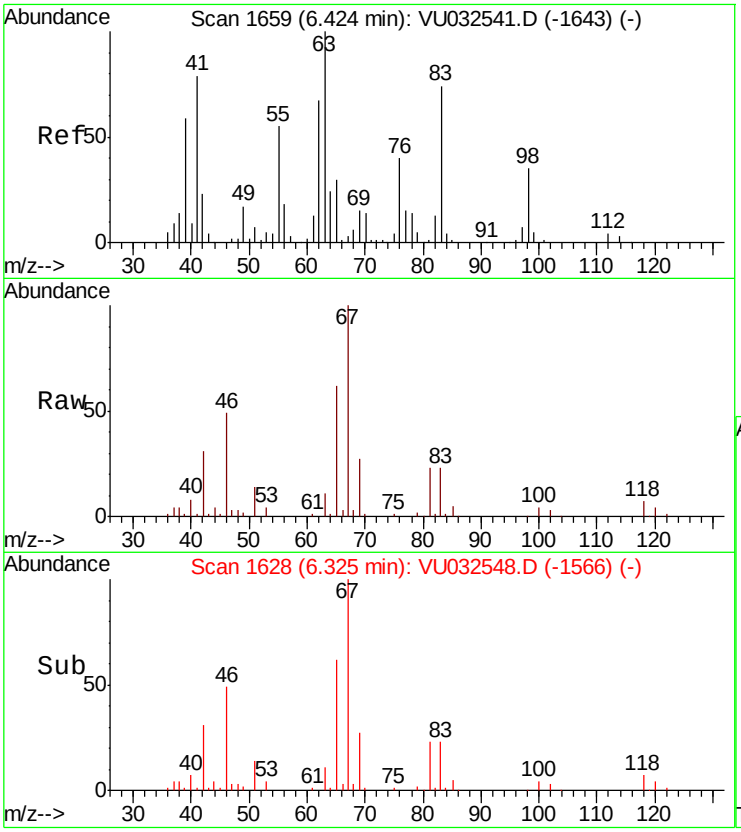


#35
Methylcyclohexane
Concen: 7.699 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032548.D
Acq: 08 Jun 2019 17:25

Tgt Ion: 83 Resp: 19100

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.4#
98	1.1	37.4	56.2#



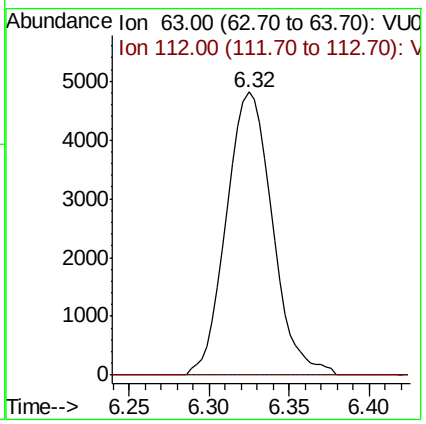


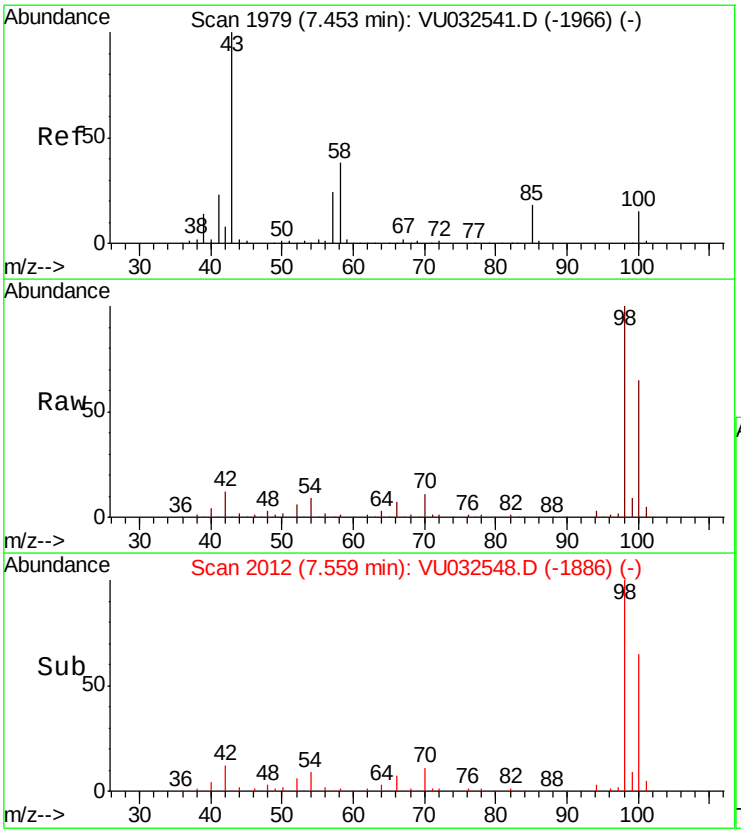
#37
1,2-Dichloropropane
Concen: 6.345 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032548.D
Acq: 08 Jun 2019 17:25

Instrument : MSVOA_U
ClientSampleId : DB8F0

Tgt Ion: 63 Resp: 9473

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

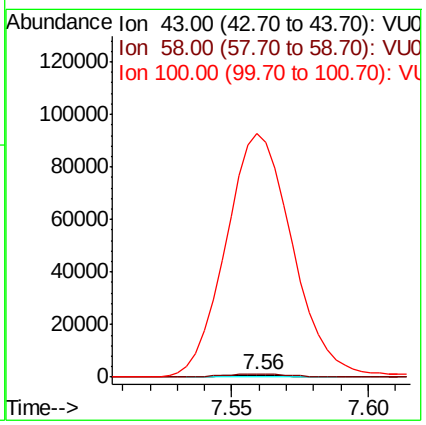


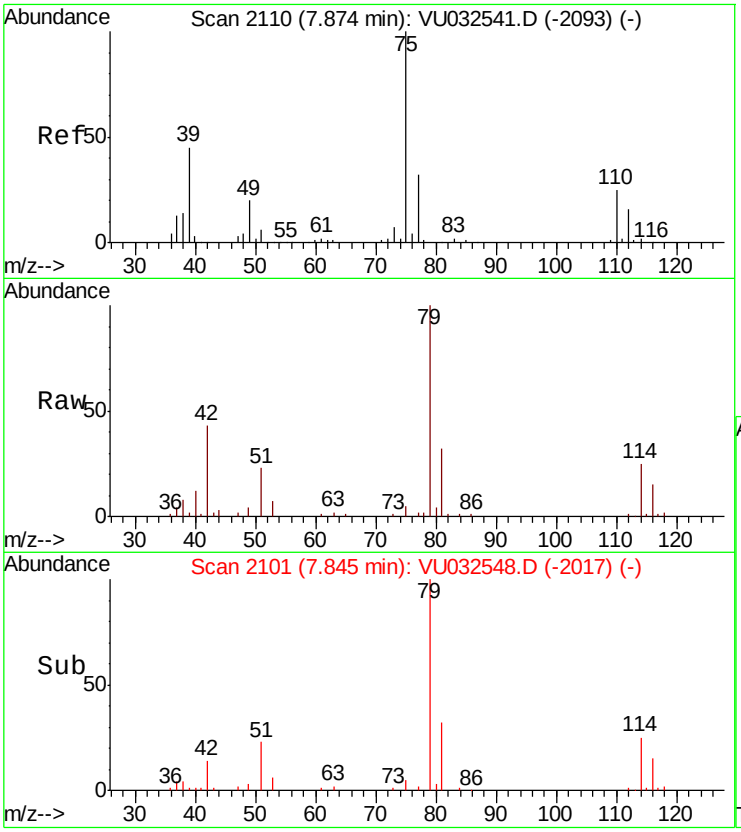


#40
4-Methyl-2-pentanone
Concen: 0.494 ug/L
RT: 7.56 min Scan# 2012
Delta R.T. 0.11 min
Lab File: VU032548.D
Acq: 08 Jun 2019 17:25

Tgt Ion: 43 Resp: 1186

Ion	Ratio	Lower	Upper
43	100		
58	166.5	30.8	46.2#
100	13388.7	12.1	18.1#



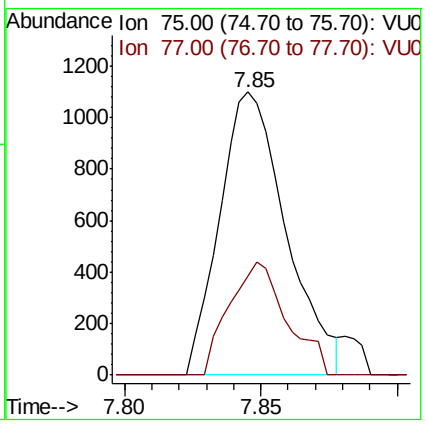


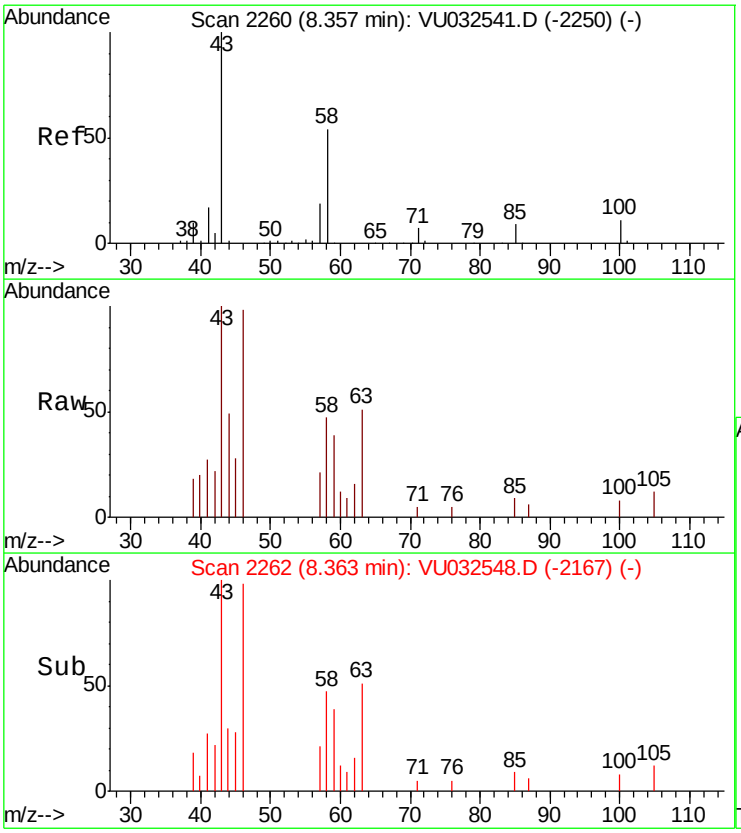
#44
trans-1,3-Dichloropropene
Concen: 0.890 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032548.D
Acq: 08 Jun 2019 17:25

Instrument :
MSVOA_U
ClientSampleId :
DB8F0

Tgt Ion: 75 Resp: 1862

Ion	Ratio	Lower	Upper
75	100		
77	35.2	22.1	41.1

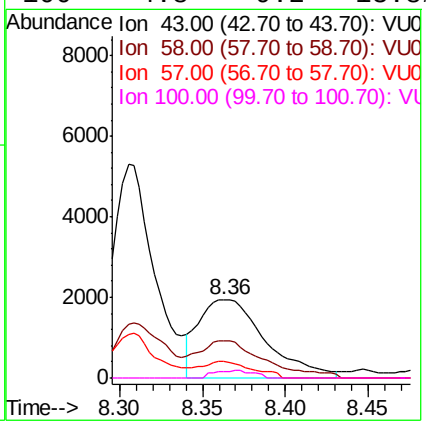


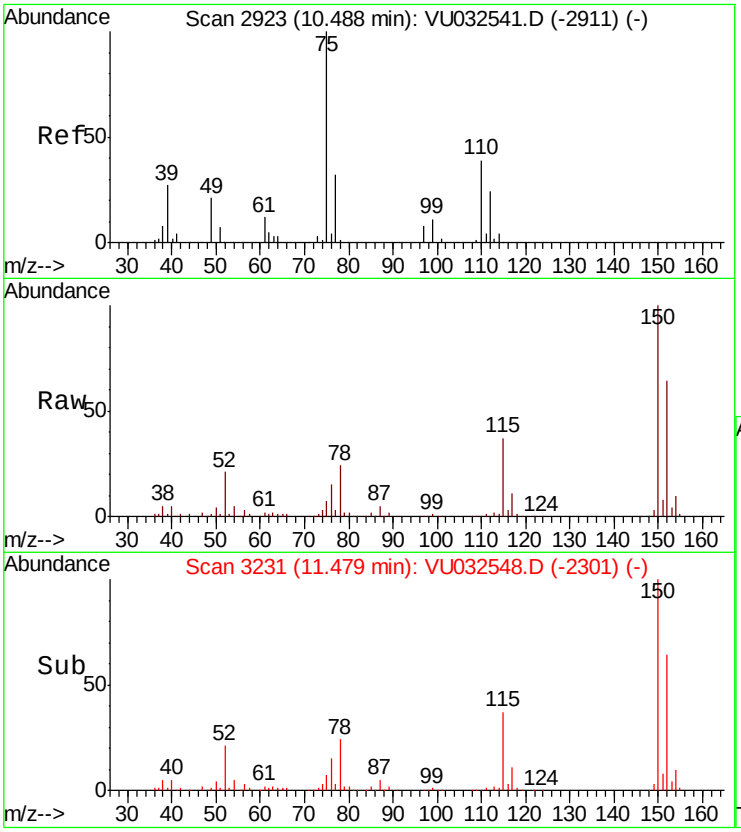


#48
2-Hexanone
Concen: 2.764 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032548.D
Acq: 08 Jun 2019 17:25

Tgt Ion: 43 Resp: 5454

Ion	Ratio	Lower	Upper
43	100		
58	40.4	42.0	63.0#
57	13.5	14.6	22.0#
100	4.8	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 5.938 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032548.D
Acq: 08 Jun 2019 17:25

Instrument :
MSVOA_U
ClientSampleId :
DB8F0

Tgt Ion: 75 Resp: 11526

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.6	38.4