Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\

Quantitation Report (Not Reviewed)

Data File : VU032583.D
Acq On : 10 Jun 2019 22:19
Operator : JC/SP
Sample : K3277-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8C4

Quant Time: Jun 11 05:43:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	188034	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	174727	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88900	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	59268	48.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.16%			
7) Chloroethane-d5	1.68	69	48401	49.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.74%			
11) 1,1-Dichloroethene-d2	2.27	63	87882	36.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.58%			
21) 2-Butanone-d5	4.17	46	98668	96.65	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.65%			
24) Chloroform-d	4.64	84	110462	48.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.10%			
26) 1,2-Dichloroethane-d4	5.30	65	73434	51.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.46%			
32) Benzene-d6	5.33	84	227906	50.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.48%			
36) 1,2-Dichloropropane-d6	6.32	67	71555	50.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.62%			
41) Toluene-d8	7.56	98	211388	49.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.30%			
43) trans-1,3-Dichloropropene-	7.85	79	31619	46.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.90%			
47) 2-Hexanone-d5	8.31	63	63287	91.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.73%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100315	48.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.34%			
64) 1,2-Dichlorobenzene-d4	11.85	152	86164	50.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	753	0.655	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	772	0.692	ug/L #	1
13) Acetone	2.32	43	2822	2.679	ug/L	85
20) cis-1,2-Dichloroethene	4.22	96	1136	0.830	ug/L	83
27) 1,2-Dichloroethane	5.33	62	1285	0.715	ug/L #	75
34) Trichloroethene	6.18	95	187248	140.194	ug/L	99
35) Methylcyclohexane	6.32	83	16384	7.577	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7869	6.047	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2119	1.032	ug/L #	68
40) 4-Methyl-2-pentanone	7.56	43	1017	0.486	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1498	0.822	ug/L #	75
48) 2-Hexanone	8.36	43	3275	1.905	ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	10461	6.184	ug/L	92

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

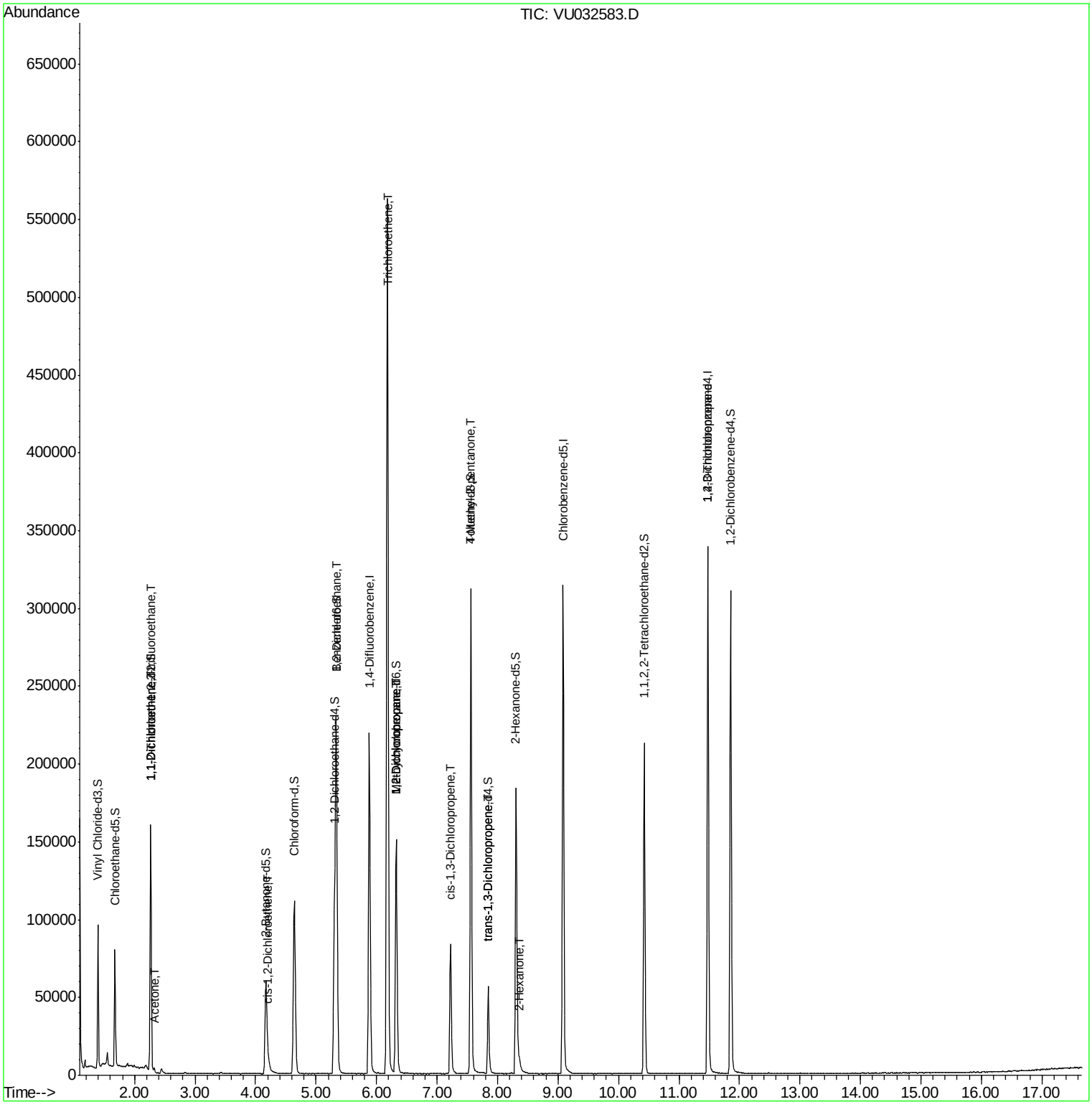
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\

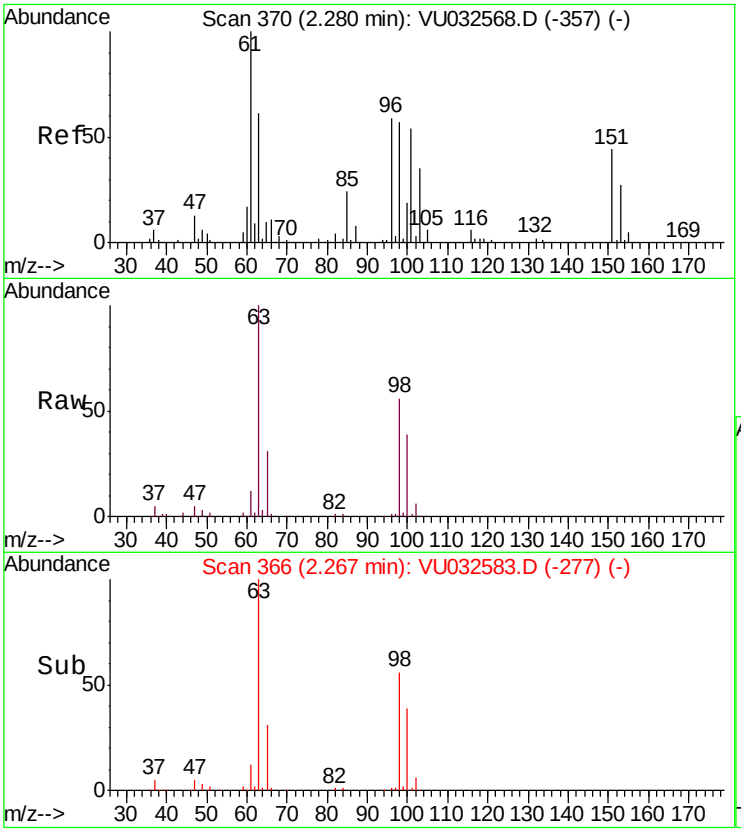
Quantitation Report (Not Reviewed)

Data File : VU032583.D
Acq On : 10 Jun 2019 22:19
Operator : JC/SP
Sample : K3277-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8C4

Quant Time: Jun 11 05:43:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration



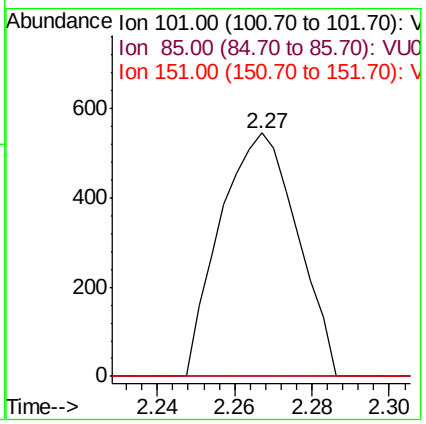


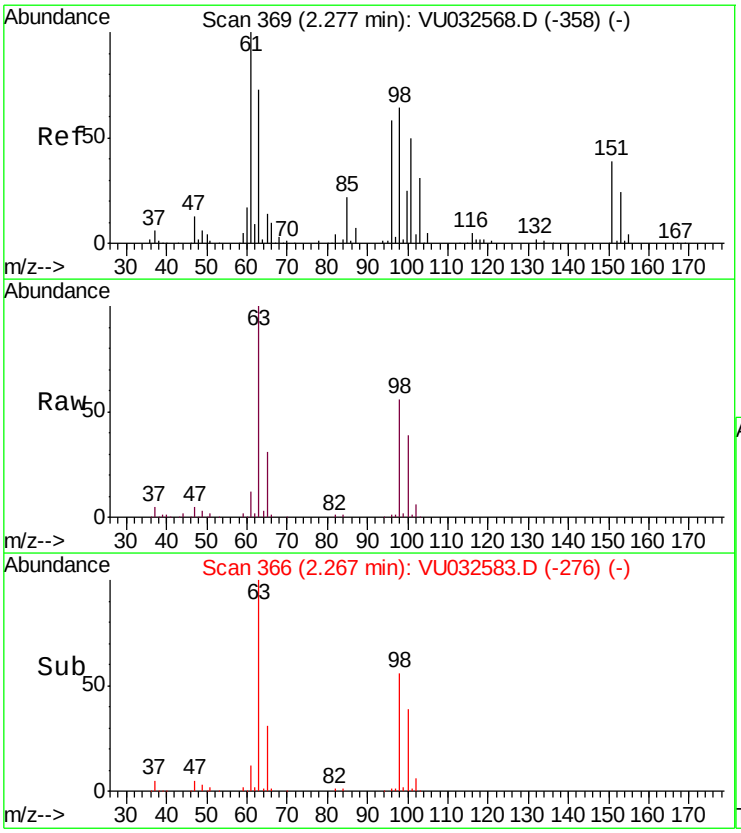
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.655 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Instrument :
MSVOA_U
ClientSampleId :
DB8C4

Tgt Ion:101 Resp: 753

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

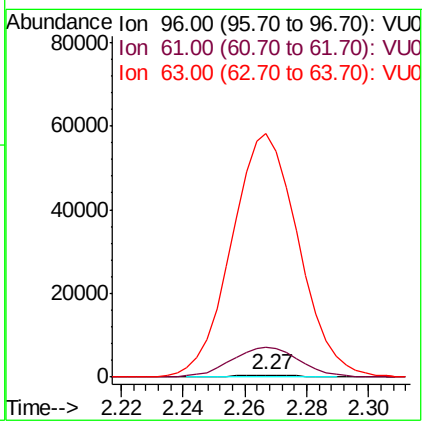


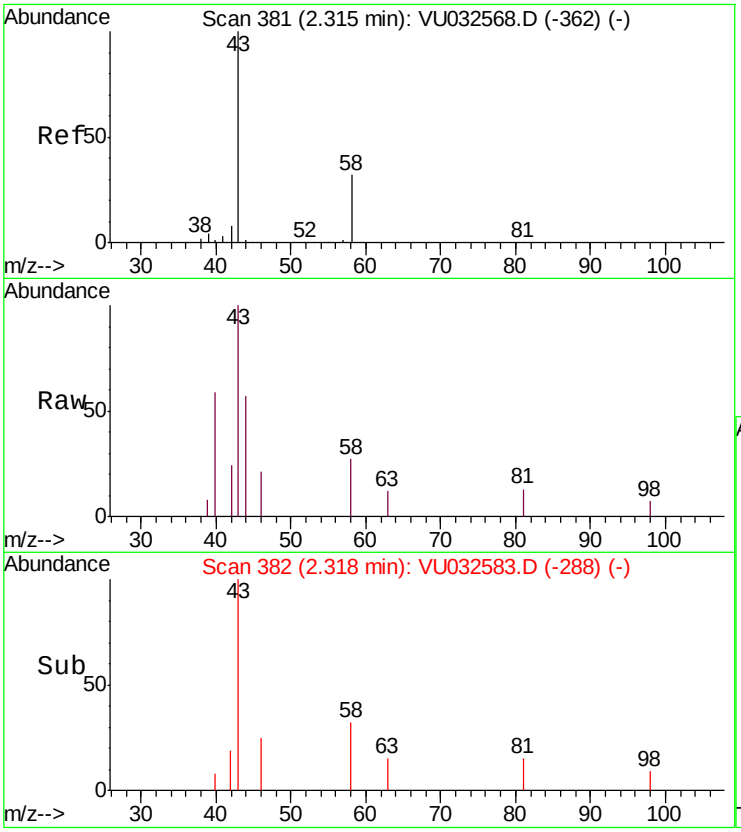


#12
1,1-Dichloroethene
Concen: 0.692 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Tgt Ion: 96 Resp: 772

Ion	Ratio	Lower	Upper
96	100		
61	1498.5	129.5	240.5#
63	12406.0	103.4	192.0#



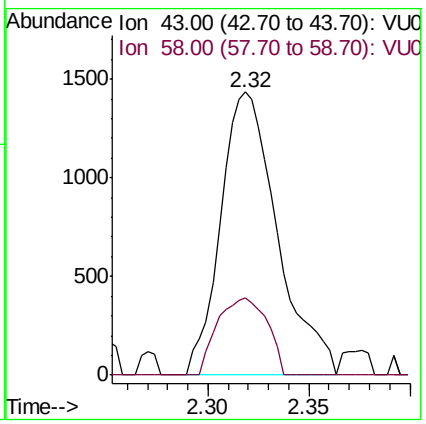


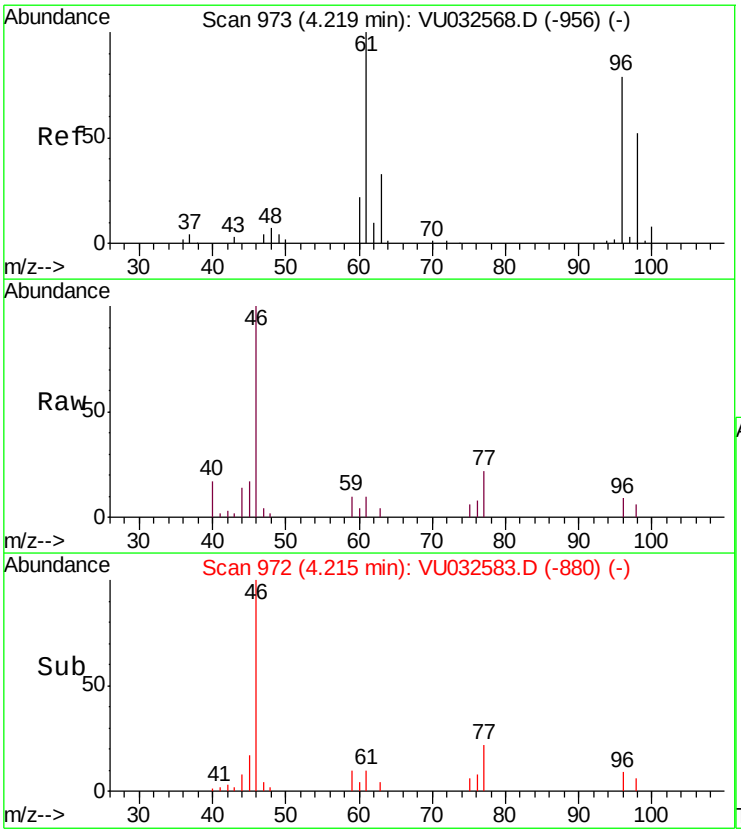
#13
Acetone
Concen: 2.679 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Instrument : MSVOA_U
ClientSampleId : DB8C4

Tgt Ion: 43 Resp: 2822

Ion	Ratio	Lower	Upper
43	100		
58	23.8	0.0	64.0

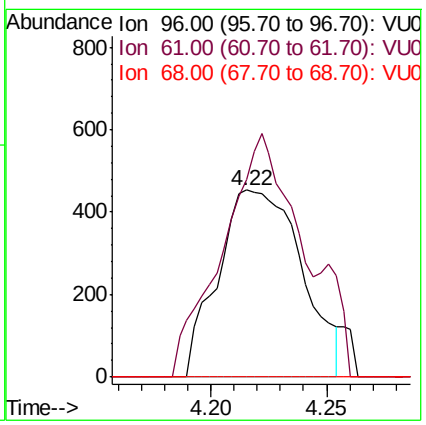


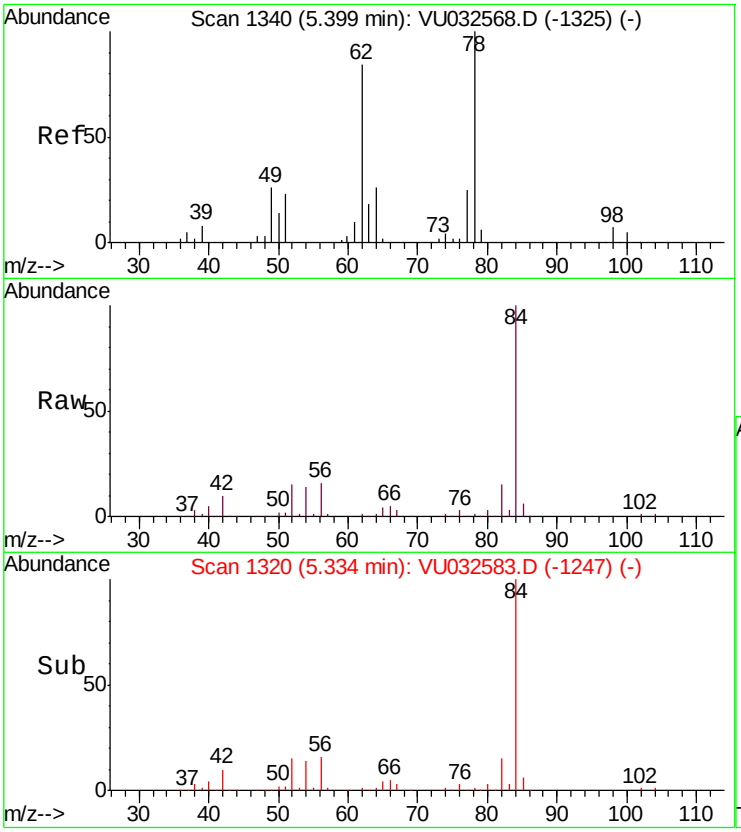


#20
cis-1,2-Dichloroethene
Concen: 0.830 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Tgt Ion: 96 Resp: 1136

Ion	Ratio	Lower	Upper
96	100		
61	105.5	87.2	162.0
68	0.0	0.0	0.0



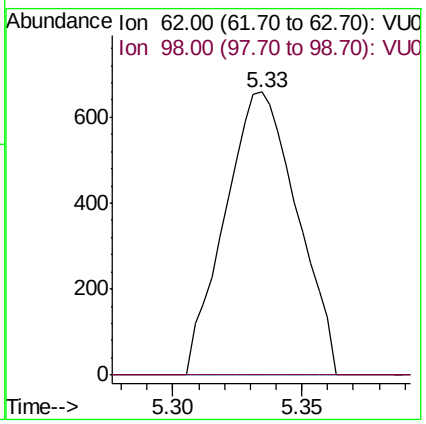


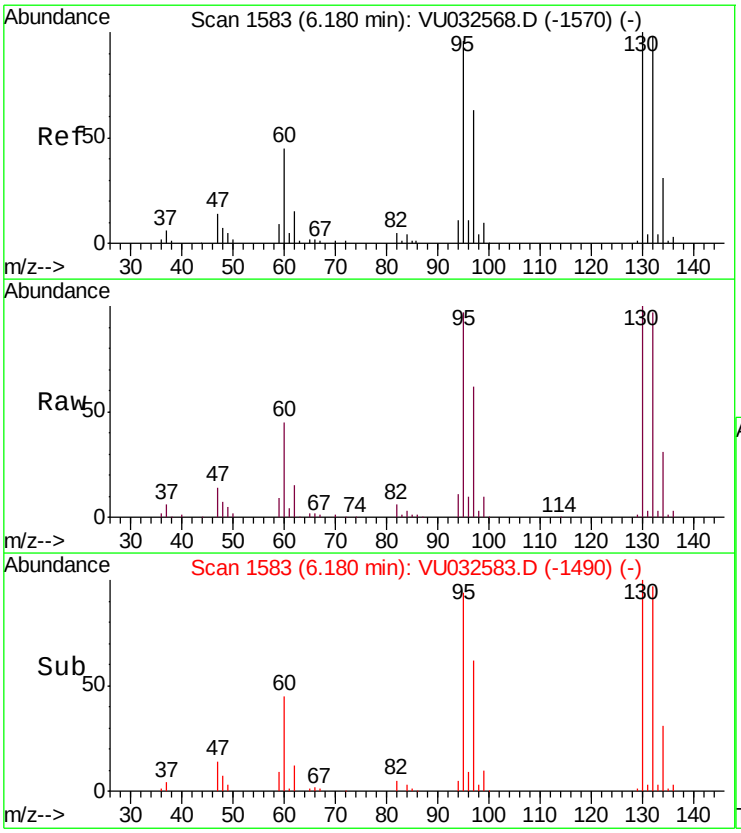
#27
1,2-Dichloroethane
Concen: 0.715 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Instrument : MSVOA_U
ClientSampleId : DB8C4

Tgt Ion: 62 Resp: 1285

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

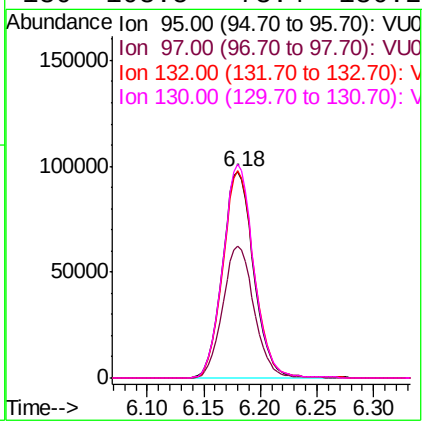


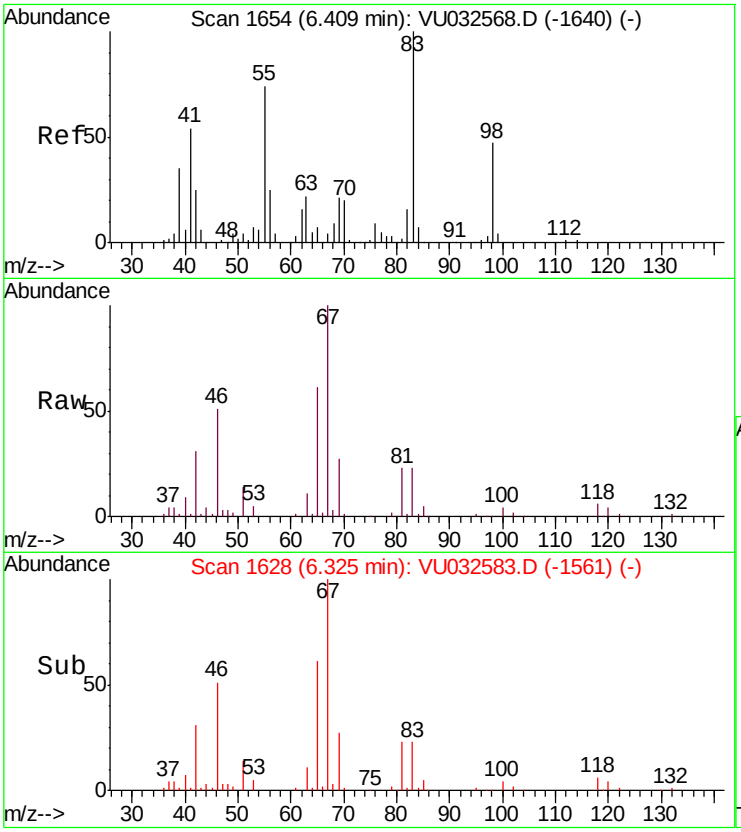


#34
Trichloroethene
Concen: 140.194 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Tgt Ion: 95 Resp: 187248

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.8	85.2
132	100.4	71.0	131.8
130	103.5	73.4	136.2



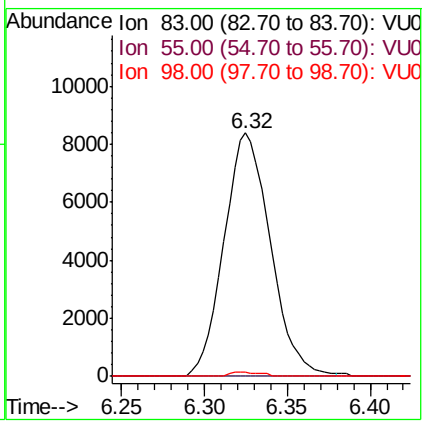


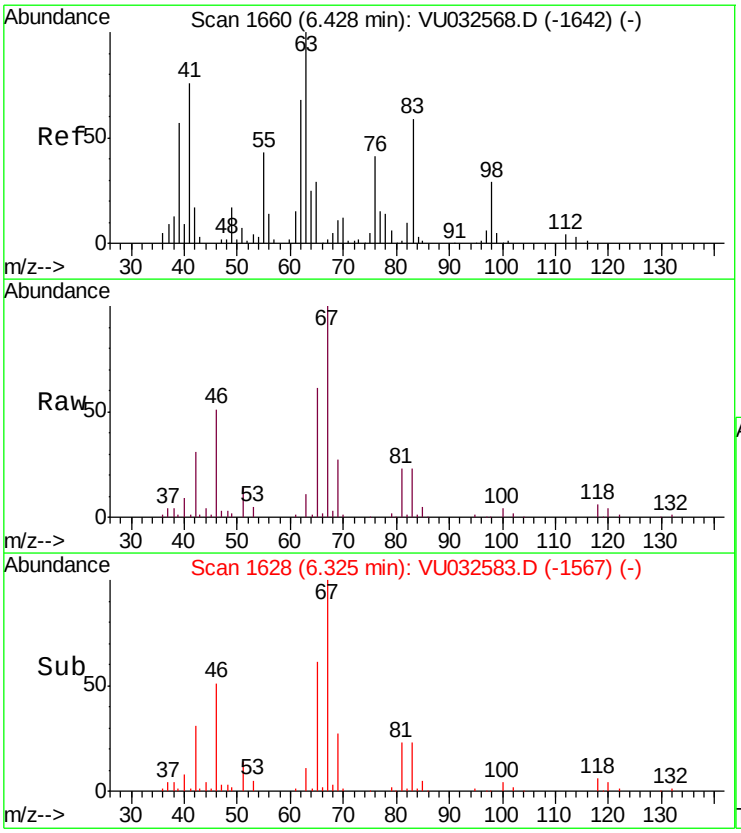
#35
Methylcyclohexane
Concen: 7.577 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Instrument : MSVOA_U
ClientSampleId : DB8C4

Tgt Ion: 83 Resp: 16384

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.4#
98	0.9	37.4	56.2#

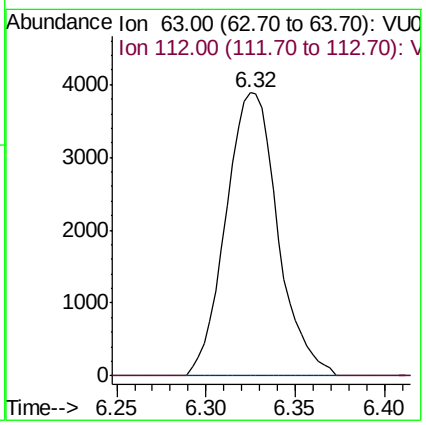


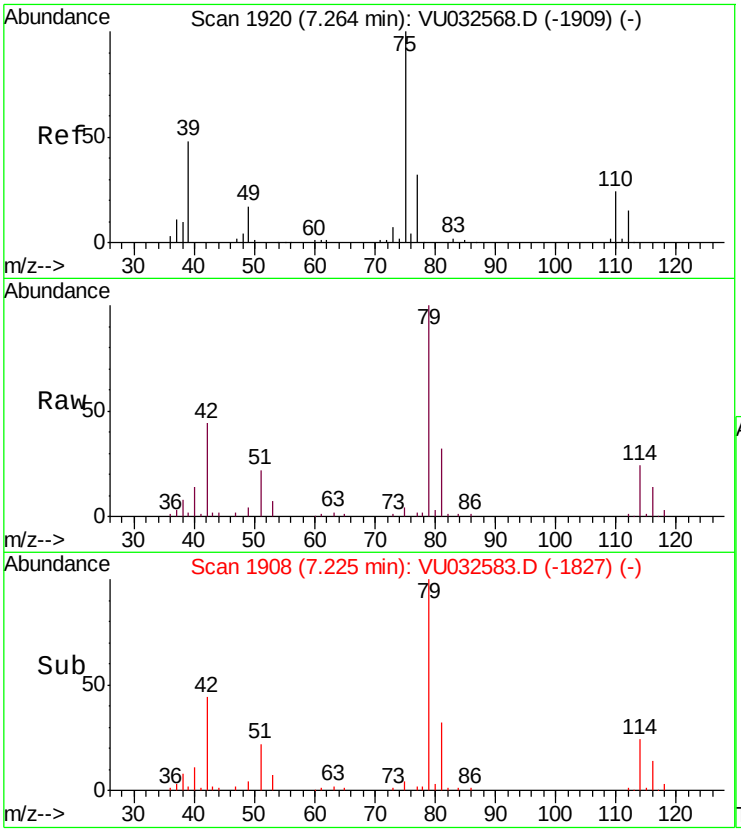


#37
1,2-Dichloropropane
Concen: 6.047 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Tgt Ion: 63 Resp: 7869

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



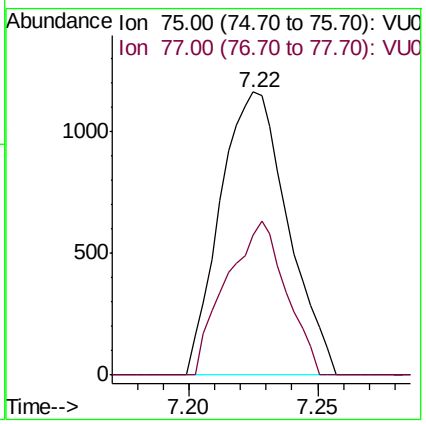


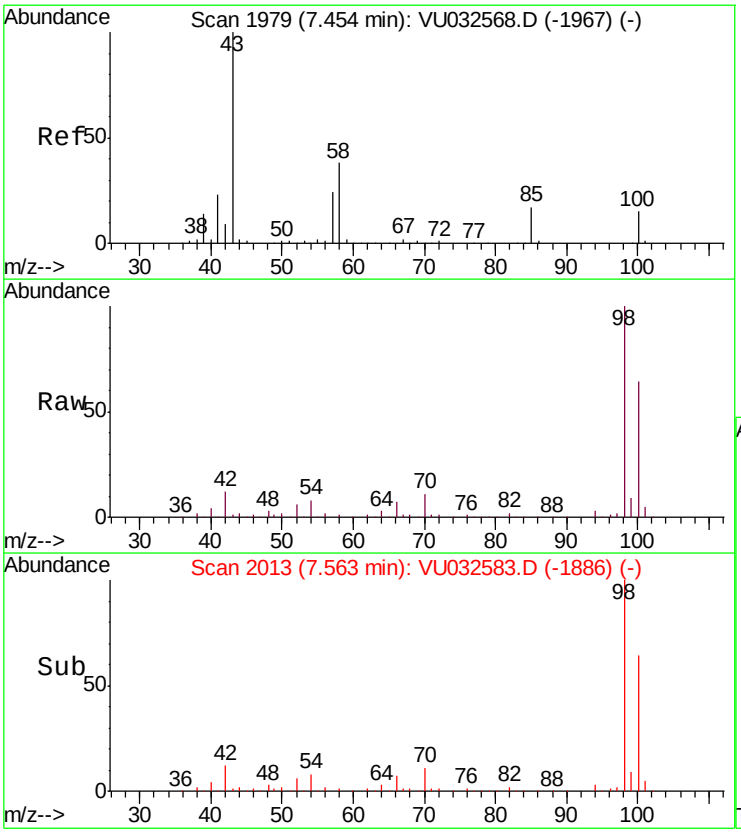
#39
cis-1,3-Dichloropropene
Concen: 1.032 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Instrument : MSVOA_U
ClientSampleId : DB8C4

Tgt Ion: 75 Resp: 2119

Ion	Ratio	Lower	Upper
75	100		
77	49.5	22.0	41.0#

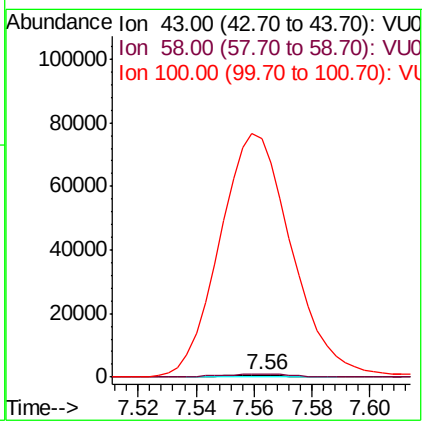


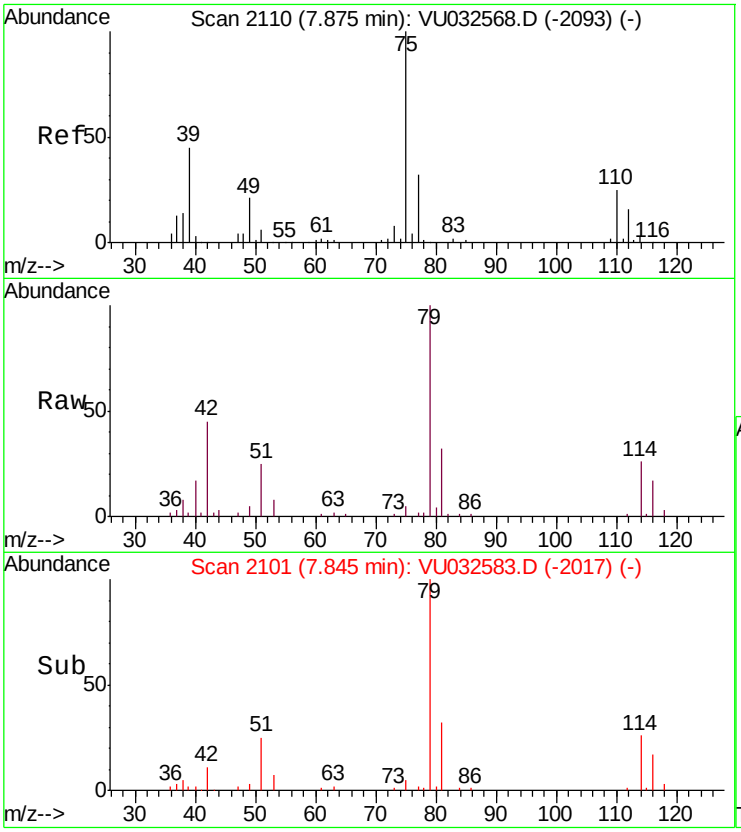


#40
4-Methyl-2-pentanone
Concen: 0.486 ug/L
RT: 7.56 min Scan# 2013
Delta R.T. 0.11 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Tgt Ion: 43 Resp: 1017

Ion	Ratio	Lower	Upper
43	100		
58	170.3	30.8	46.2#
100	13156.1	12.1	18.1#



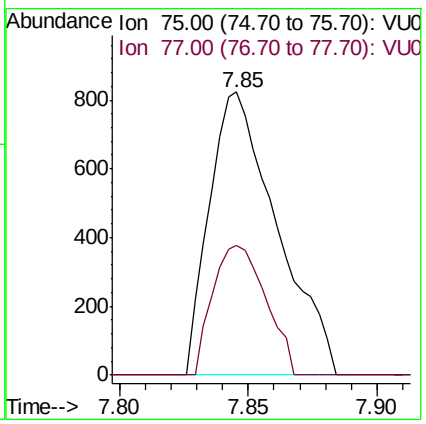


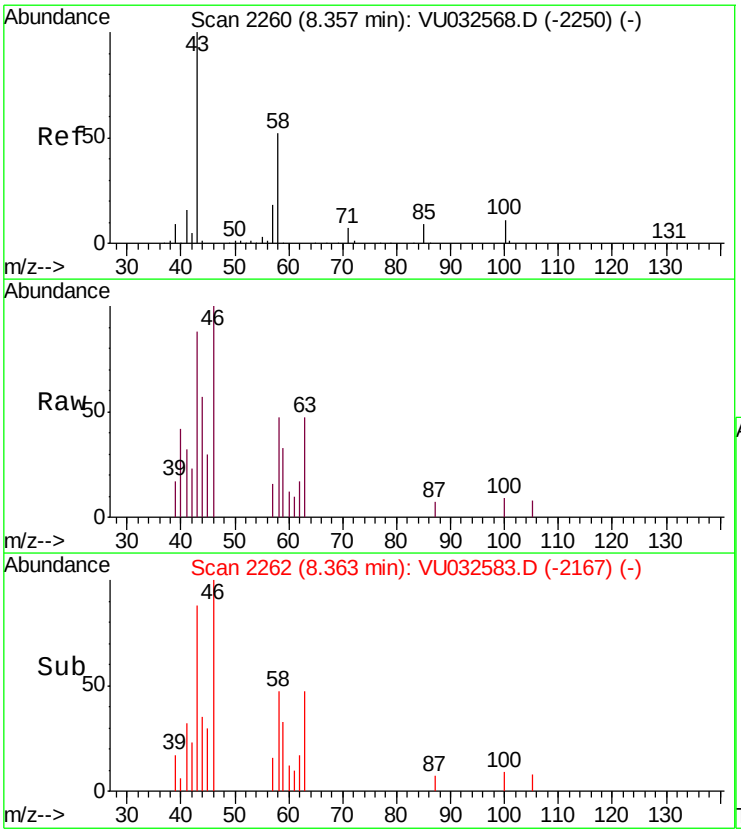
#44
trans-1,3-Dichloropropene
Concen: 0.822 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Instrument : MSVOA_U
ClientSampleId : DB8C4

Tgt Ion: 75 Resp: 1498

Ion	Ratio	Lower	Upper
75	100		
77	45.7	22.1	41.1#

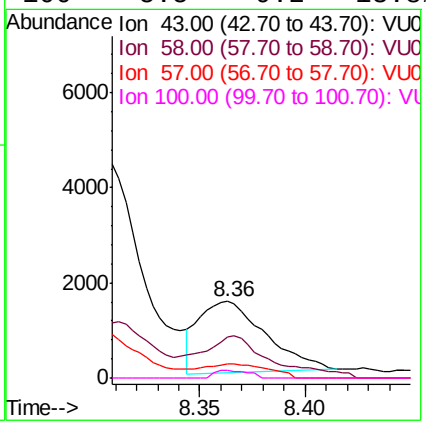


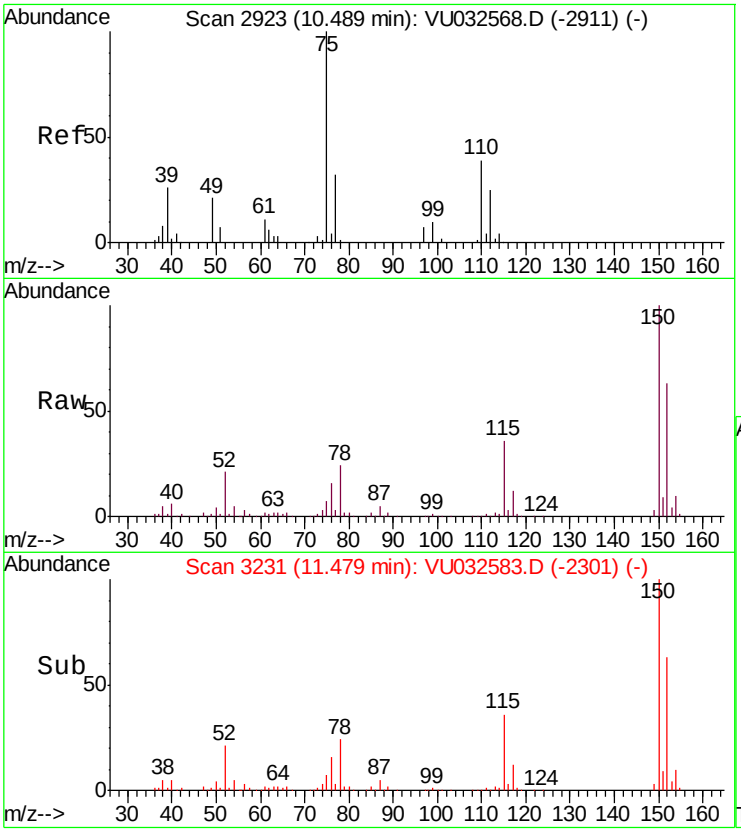


#48
2-Hexanone
Concen: 1.905 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Tgt Ion: 43 Resp: 3275

Ion	Ratio	Lower	Upper
43	100		
58	49.9	42.0	63.0
57	19.8	14.6	22.0
100	5.5	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 6.184 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032583.D
Acq: 10 Jun 2019 22:19

Instrument :
MSVOA_U
ClientSampleId :
DB8C4

Tgt Ion: 75 Resp: 10461

Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.6	38.4