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

Quantitation Report (Not Reviewed)

Data File : VU032569.D
Acq On : 10 Jun 2019 16:28
Operator : JC/SP
Sample : VU0610WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK55

Quant Time: Jun 11 05:54:20 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	199722	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	186684	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97317	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	63161	48.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.48%			
7) Chloroethane-d5	1.68	69	51399	49.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.72%			
11) 1,1-Dichloroethene-d2	2.27	63	93235	36.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.50%			
21) 2-Butanone-d5	4.17	46	107837	99.45	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.45%			
24) Chloroform-d	4.64	84	114873	47.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.06%			
26) 1,2-Dichloroethane-d4	5.30	65	76217	50.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.12%			
32) Benzene-d6	5.33	84	238875	49.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.58%			
36) 1,2-Dichloropropane-d6	6.32	67	75677	49.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.60%			
41) Toluene-d8	7.56	98	222687	48.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.92%			
43) trans-1,3-Dichloropropene-	7.85	79	36984	50.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.70%			
47) 2-Hexanone-d5	8.31	63	70925	96.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.22%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105353	47.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.68%			
64) 1,2-Dichlorobenzene-d4	11.85	152	91857	49.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.56%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	910	0.746	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	816	0.689	ug/L #	1
13) Acetone	2.32	43	915	0.818	ug/L	86
34) Trichloroethene	6.19	95	670	0.470	ug/L	87
37) 1,2-Dichloropropane	6.32	63	8557	6.154	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2568	1.171	ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	1881	0.966	ug/L	95
48) 2-Hexanone	8.37	43	5711	3.108	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	11888	6.577	ug/L	94
69) Naphthalene	13.77	128	4303	0.703	ug/L #	80
70) 1,2,3-Trichlorobenzene	14.01	180	1851	0.916	ug/L #	70

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

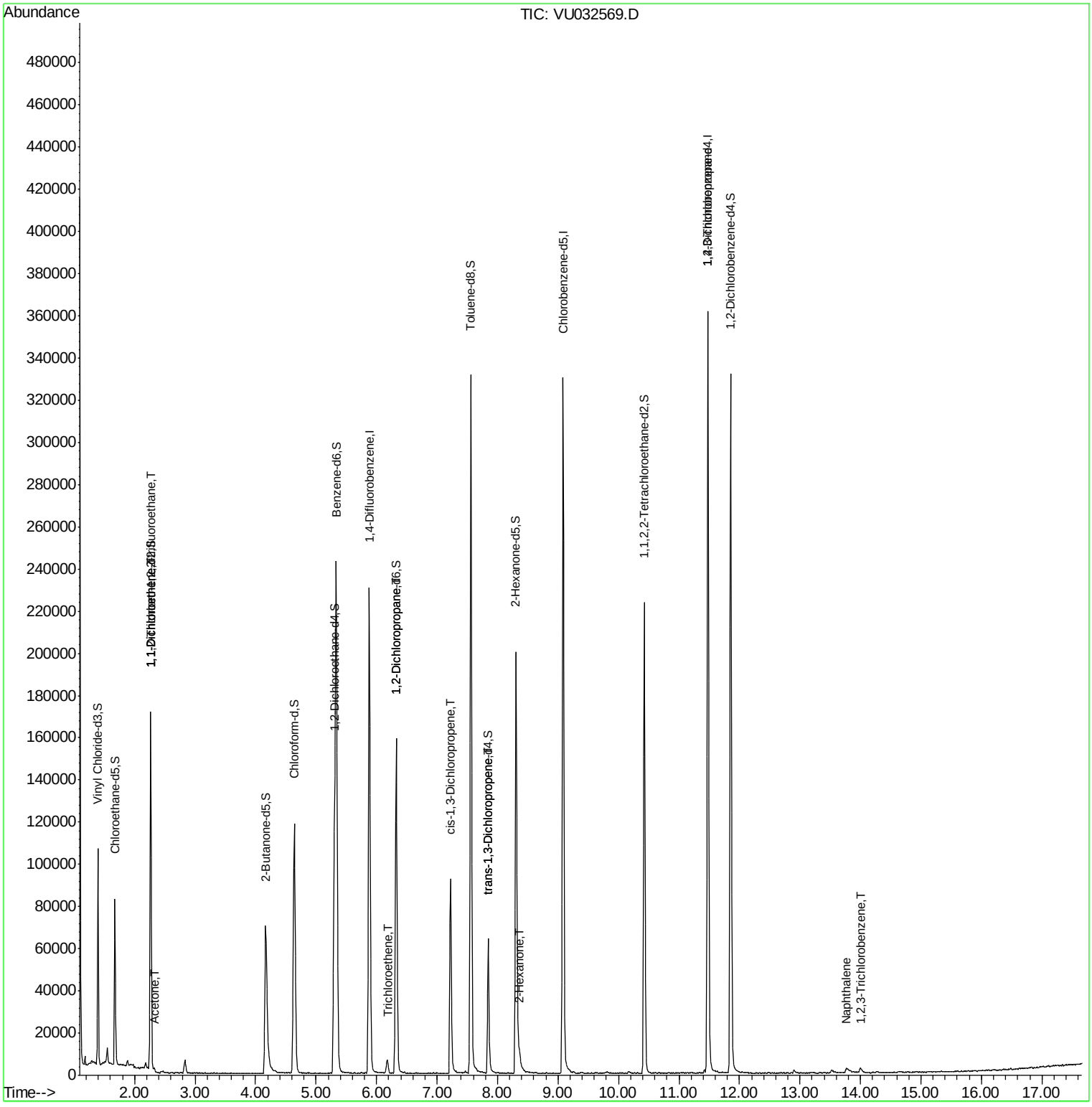
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\

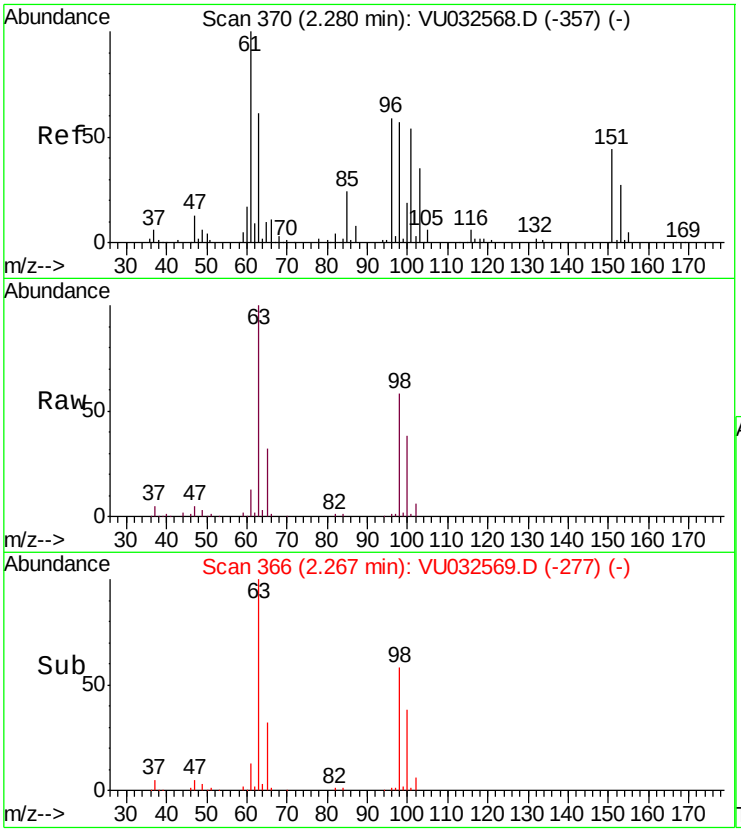
Quantitation Report (Not Reviewed)

Data File : VU032569.D
Acq On : 10 Jun 2019 16:28
Operator : JC/SP
Sample : VU0610WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK55

Quant Time: Jun 11 05:54:20 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



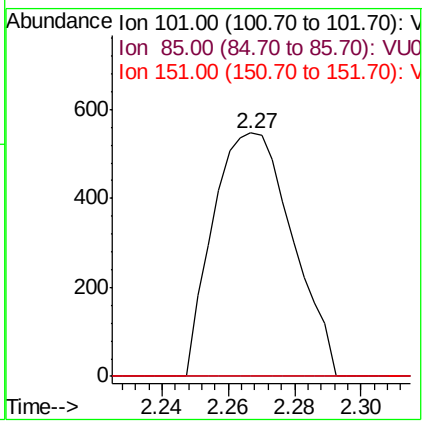


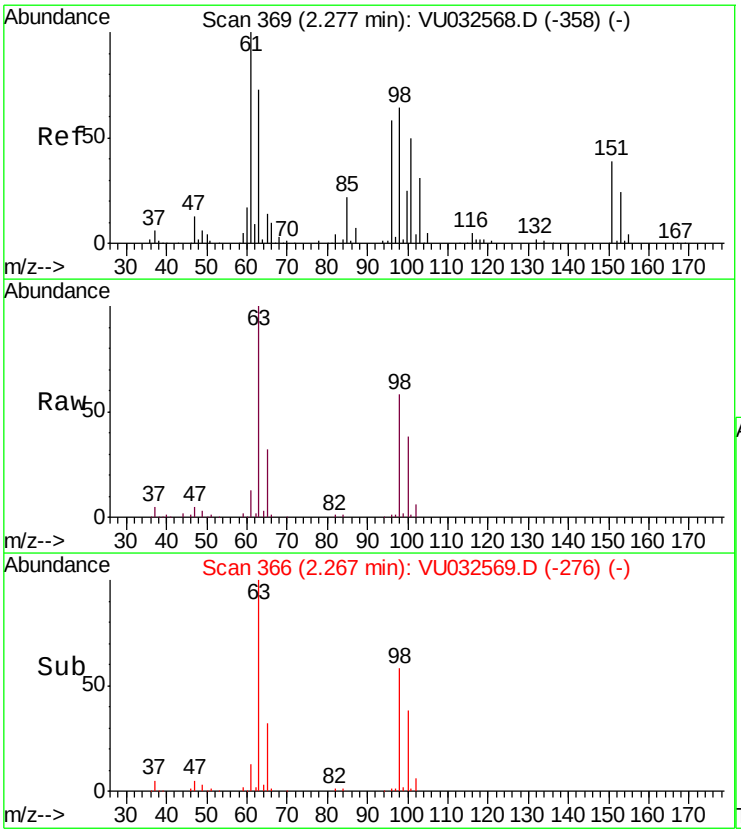
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.746 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032569.D
Acq: 10 Jun 2019 16:28

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion:101 Resp: 910

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

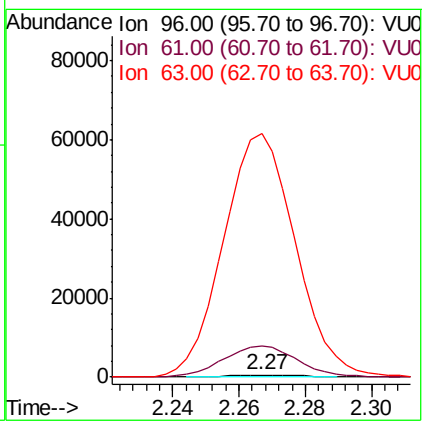


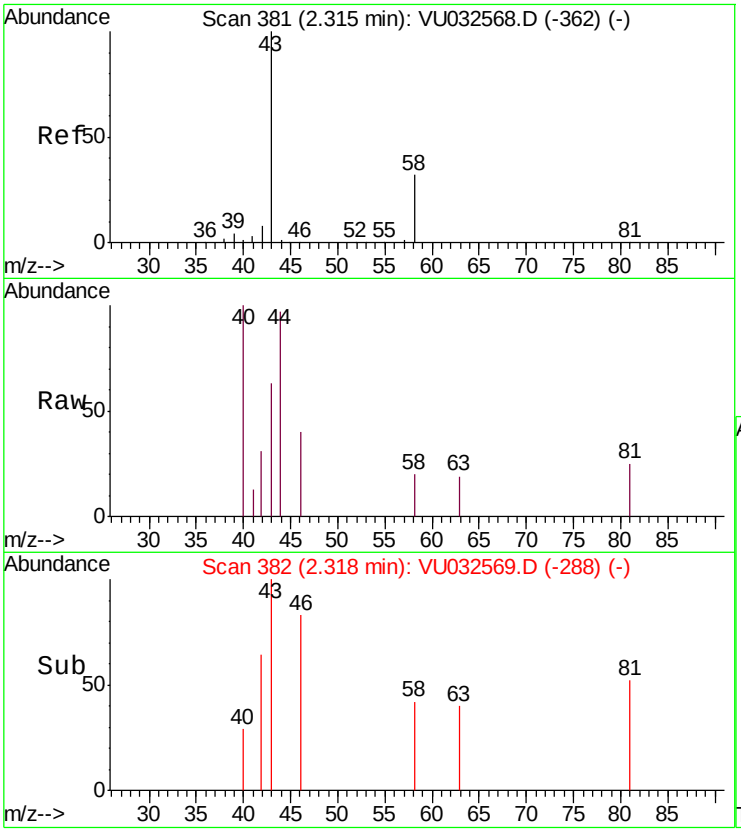


#12
1,1-Dichloroethene
Concen: 0.689 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032569.D
Acq: 10 Jun 2019 16:28

Tgt Ion: 96 Resp: 816

Ion	Ratio	Lower	Upper
96	100		
61	1439.2	129.5	240.5#
63	11130.6	103.4	192.0#



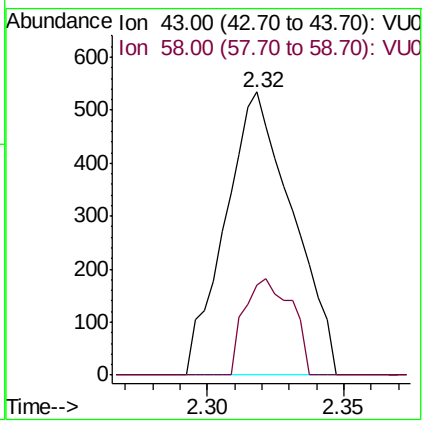


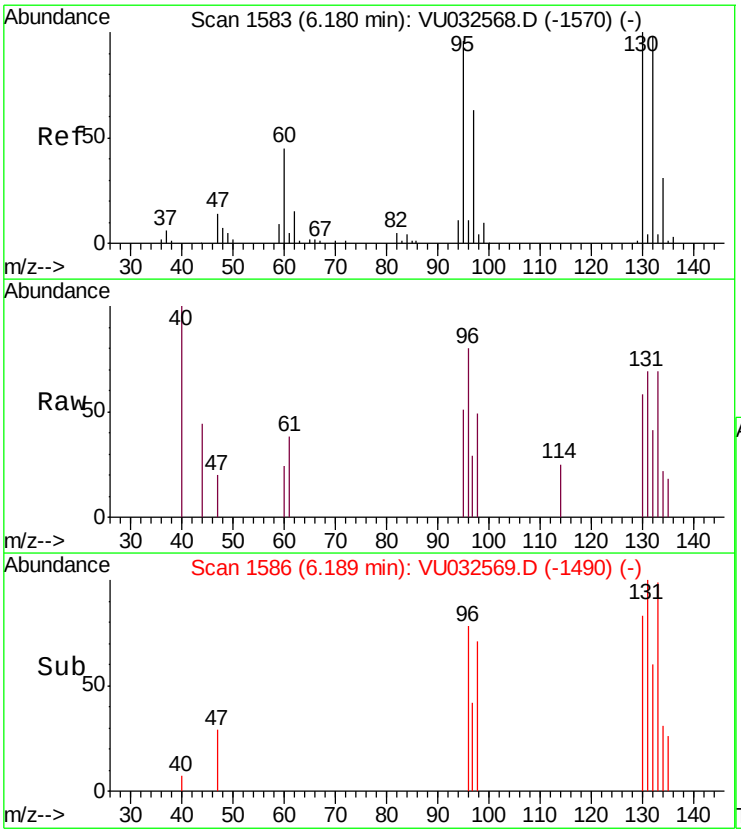
#13
Acetone
Concen: 0.818 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032569.D
Acq: 10 Jun 2019 16:28

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion: 43 Resp: 915

Ion	Ratio	Lower	Upper
43	100		
58	23.9	0.0	64.0

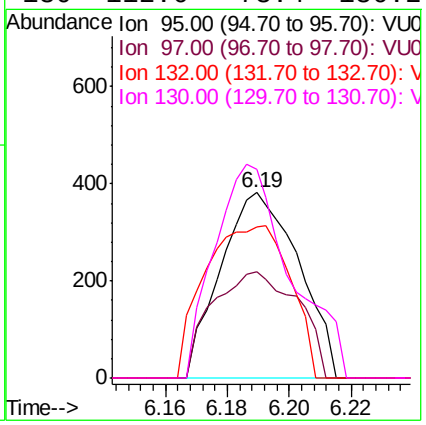


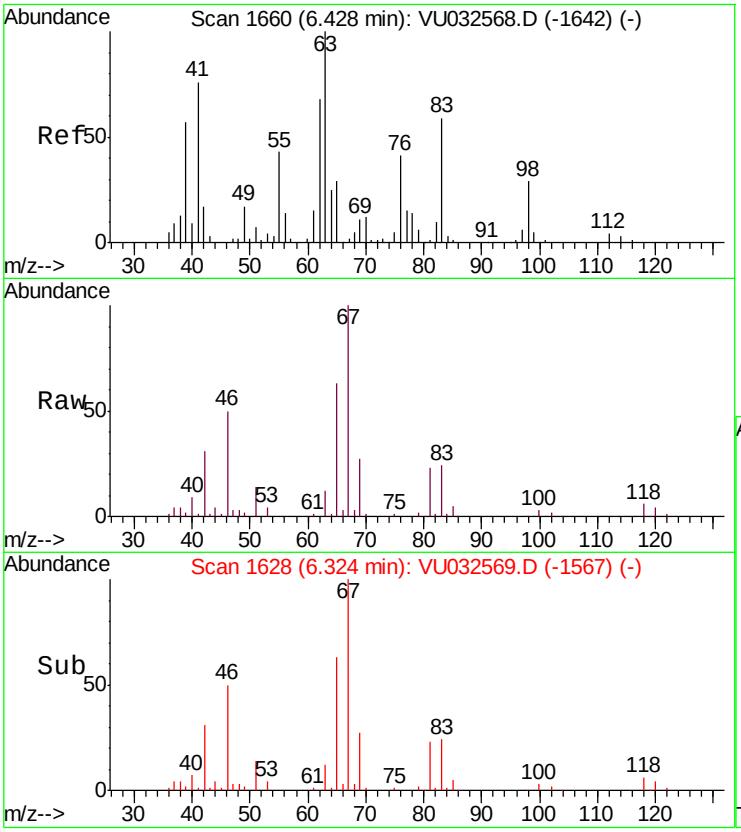


#34
Trichloroethene
Concen: 0.470 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU032569.D
Acq: 10 Jun 2019 16:28

Tgt Ion: 95 Resp: 670

Ion	Ratio	Lower	Upper
95	100		
97	57.1	45.8	85.2
132	81.2	71.0	131.8
130	112.6	73.4	136.2



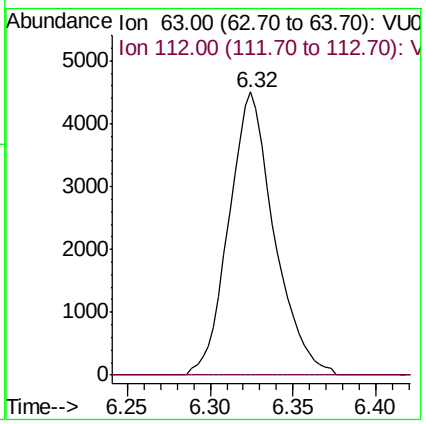


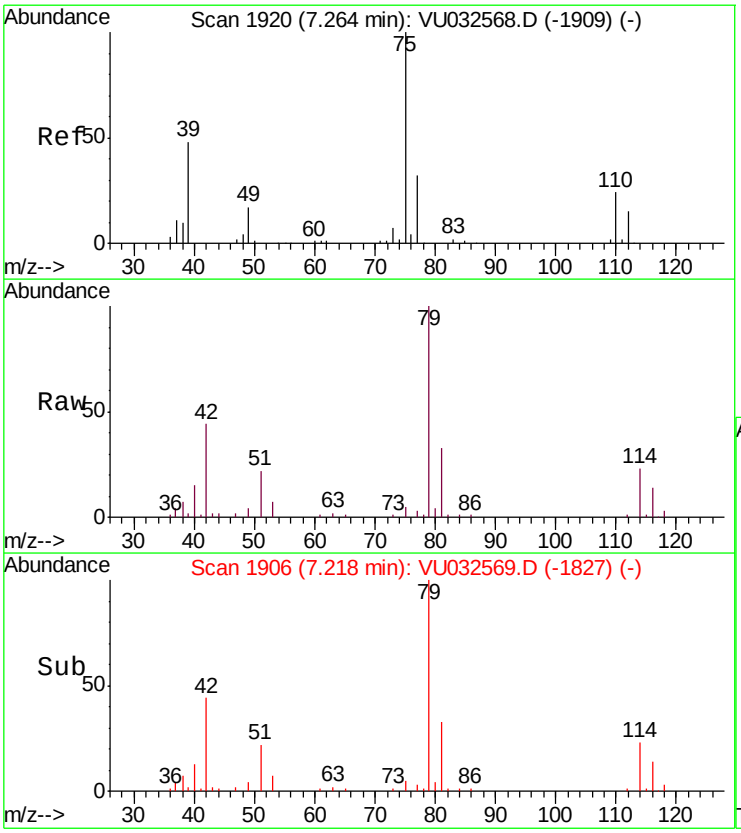
#37
1,2-Dichloropropane
Concen: 6.154 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032569.D
Acq: 10 Jun 2019 16:28

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion: 63 Resp: 8557

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

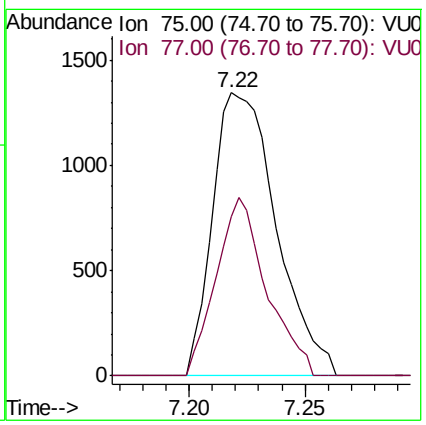


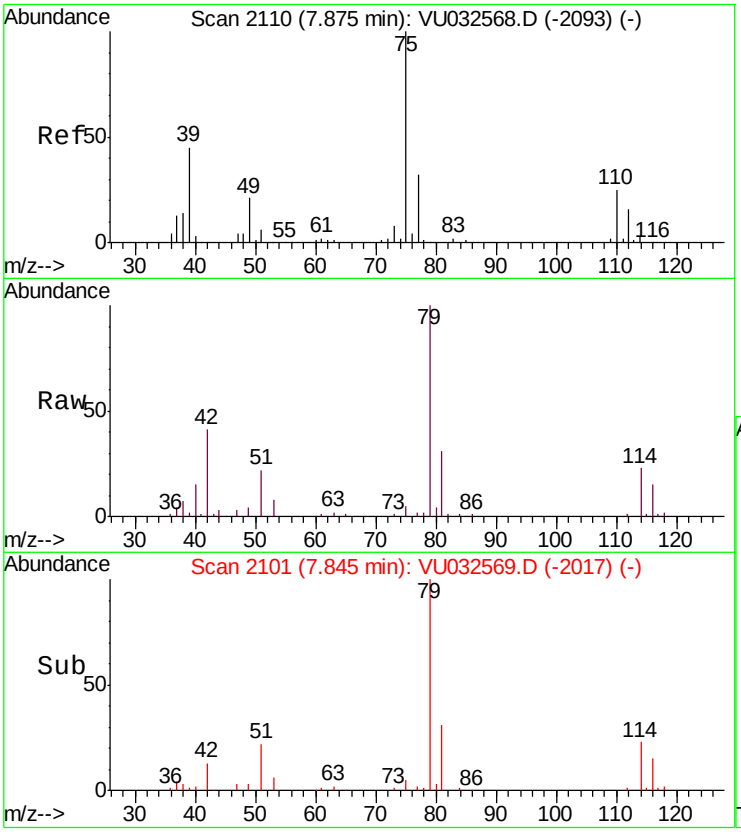


#39
cis-1,3-Dichloropropene
Concen: 1.171 ug/L
RT: 7.22 min Scan# 1906
Delta R.T. -0.05 min
Lab File: VU032569.D
Acq: 10 Jun 2019 16:28

Tgt Ion: 75 Resp: 2568

Ion	Ratio	Lower	Upper
75	100		
77	56.3	22.0	41.0#



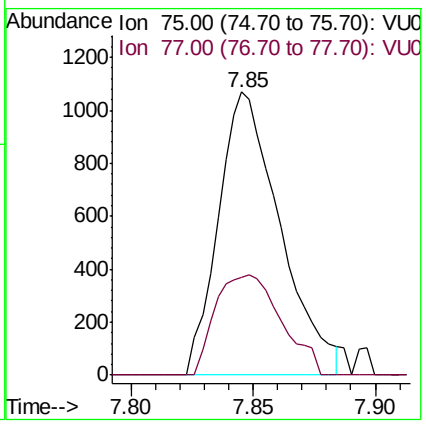


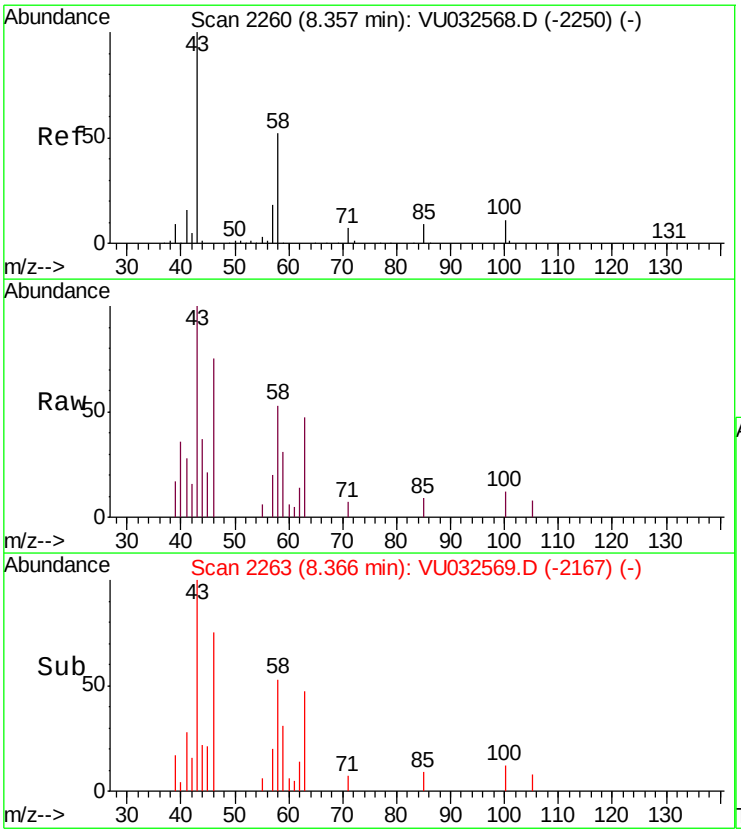
#44
trans-1,3-Dichloropropene
Concen: 0.966 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032569.D
Acq: 10 Jun 2019 16:28

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion: 75 Resp: 1881

Ion	Ratio	Lower	Upper
75	100		
77	34.4	22.1	41.1

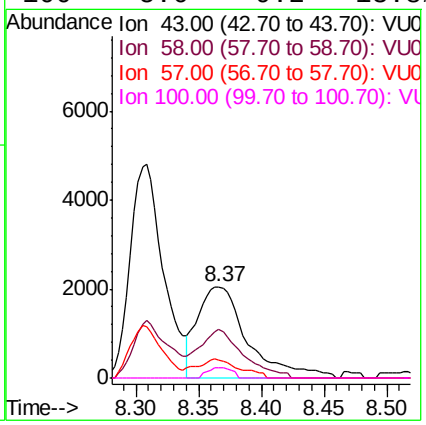


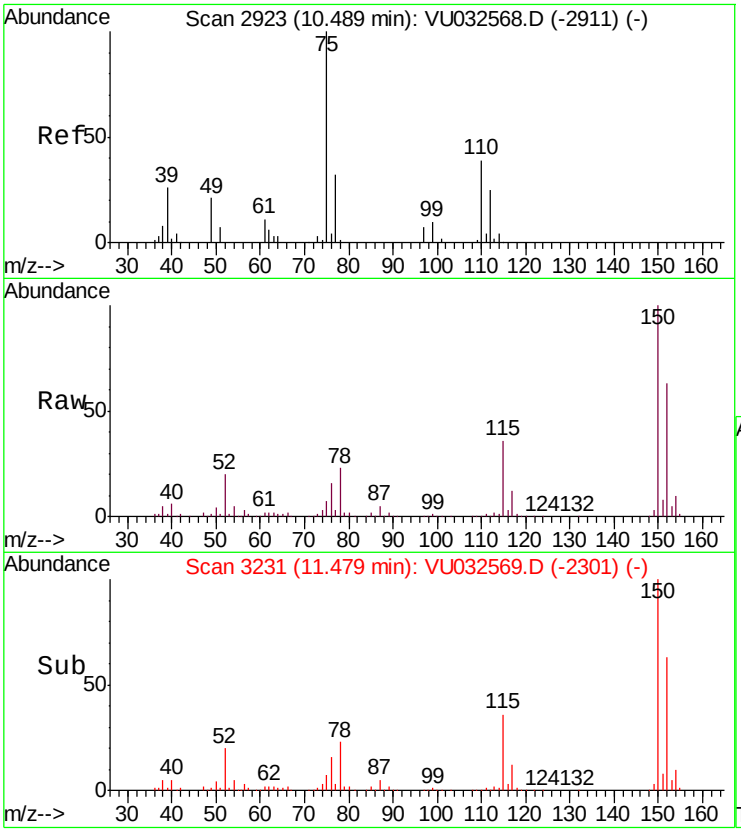


#48
2-Hexanone
Concen: 3.108 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032569.D
Acq: 10 Jun 2019 16:28

Tgt Ion: 43 Resp: 5711

Ion	Ratio	Lower	Upper
43	100		
58	38.6	42.0	63.0#
57	6.4	14.6	22.0#
100	5.6	9.2	13.8#



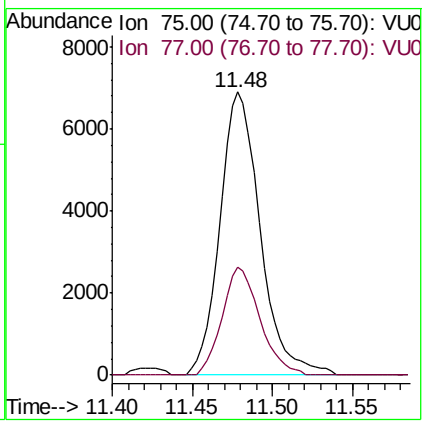


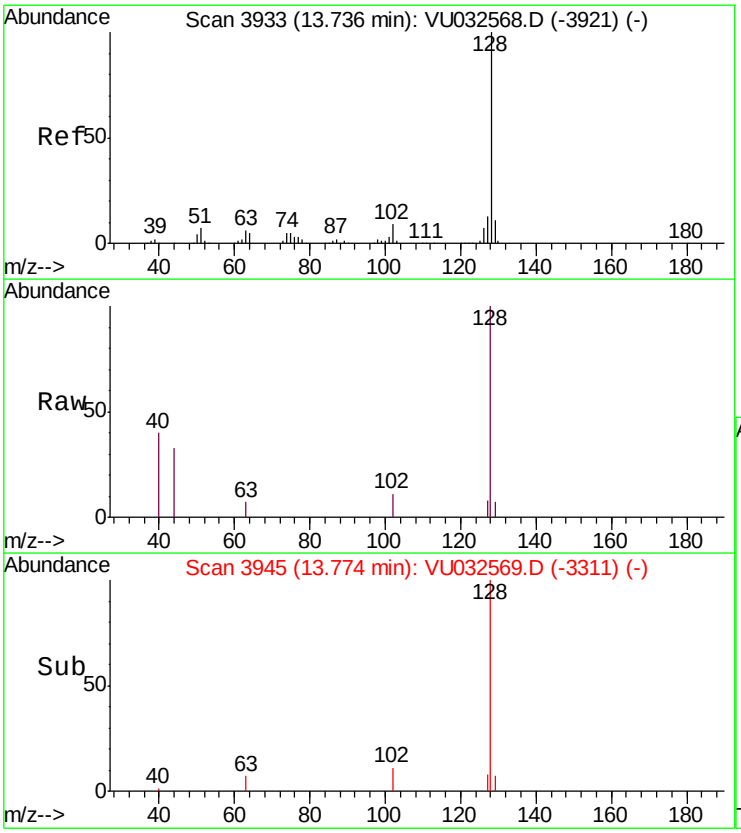
#59
1,2,3-Trichloropropane
Concen: 6.577 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032569.D
Acq: 10 Jun 2019 16:28

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion: 75 Resp: 11888

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.6	38.4

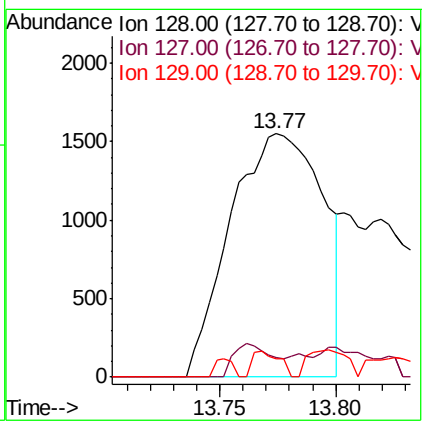


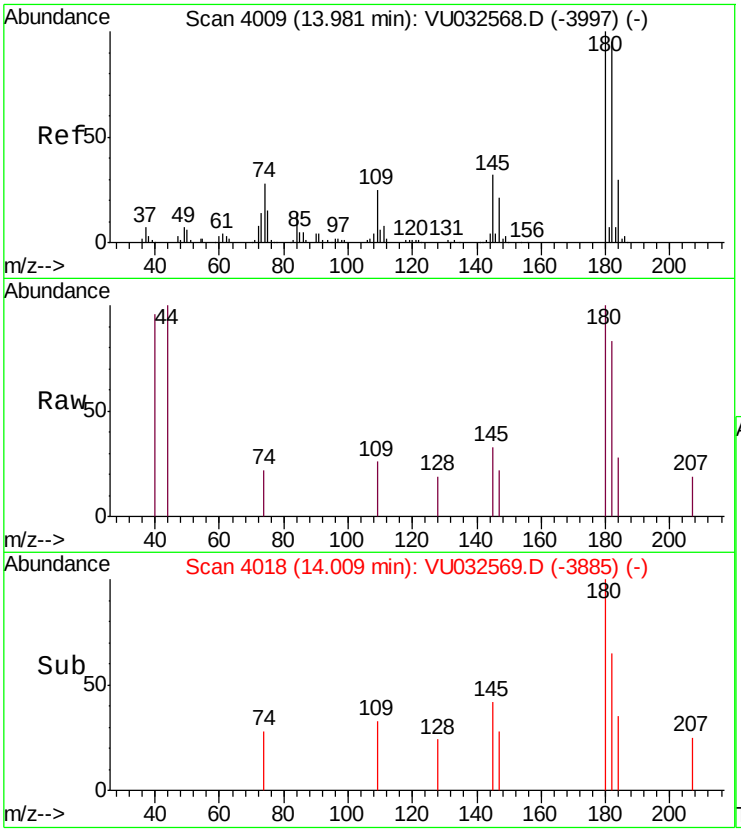


#69
Naphthalene
Concen: 0.703 ug/L
RT: 13.77 min Scan# 3945
Delta R.T. 0.04 min
Lab File: VU032569.D
Acq: 10 Jun 2019 16:28

Tgt Ion:128 Resp: 4303

Ion	Ratio	Lower	Upper
128	100		
127	5.7	10.4	15.6#
129	2.5	8.5	12.7#





#70
1,2,3-Trichlorobenzene
Concen: 0.916 ug/L
RT: 14.01 min Scan# 4018
Delta R.T. 0.03 min
Lab File: VU032569.D
Acq: 10 Jun 2019 16:28

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion:180 Resp: 1851

Ion	Ratio	Lower	Upper
180	100		
182	64.9	76.7	115.1#
145	18.0	25.4	38.2#