Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

Quantitation Report (Not Reviewed)

Data File : VU032517.D
Acq On : 06 Jun 2019 23:50
Operator : JC/SP
Sample : VU0606WBL04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK51

Quant Time: Jun 07 07:04:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	205141	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97540	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	57054	42.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.74%			
7) Chloroethane-d5	1.68	69	48148	45.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.04%			
11) 1,1-Dichloroethene-d2	2.27	63	86705	33.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.54%			
21) 2-Butanone-d5	4.17	46	113236	101.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.67%			
24) Chloroform-d	4.64	84	114741	46.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.44%			
26) 1,2-Dichloroethane-d4	5.30	65	76062	48.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.28%			
32) Benzene-d6	5.33	84	237855	47.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.02%			
36) 1,2-Dichloropropane-d6	6.32	67	75209	47.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.82%			
41) Toluene-d8	7.56	98	219169	45.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.36%			
43) trans-1,3-Dichloropropene-	7.85	79	32915	43.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.70%			
47) 2-Hexanone-d5	8.31	63	75353	97.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.92%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108235	47.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.16%			
64) 1,2-Dichlorobenzene-d4	11.85	152	92309	49.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.82%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	821	0.655	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	689	0.566	ug/L #	1
27) 1,2-Dichloroethane	5.33	62	1285	0.655	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8460	5.828	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2461	1.075	ug/L #	70
48) 2-Hexanone	8.36	43	4230	2.205	ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	11358	6.019	ug/L	90

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

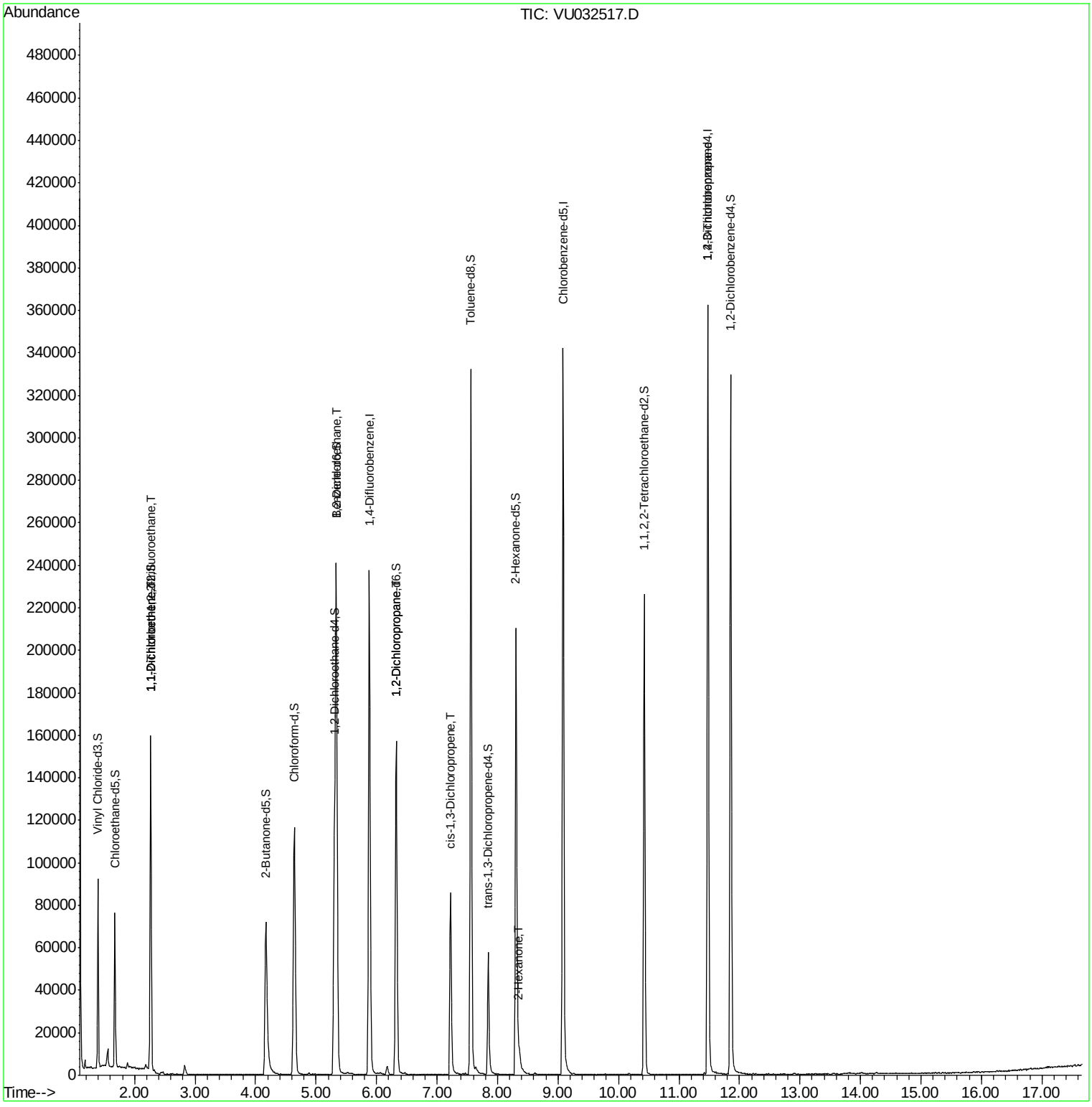
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

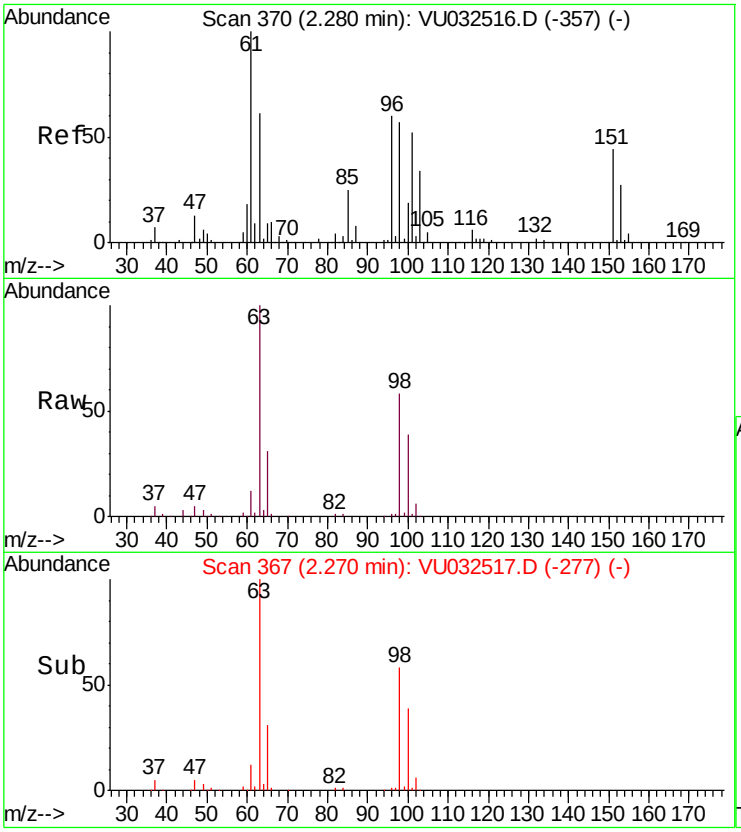
Quantitation Report (Not Reviewed)

Data File : VU032517.D
Acq On : 06 Jun 2019 23:50
Operator : JC/SP
Sample : VU0606WBL04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK51

Quant Time: Jun 07 07:04:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration



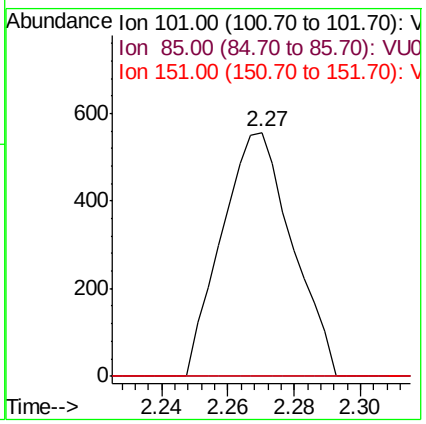


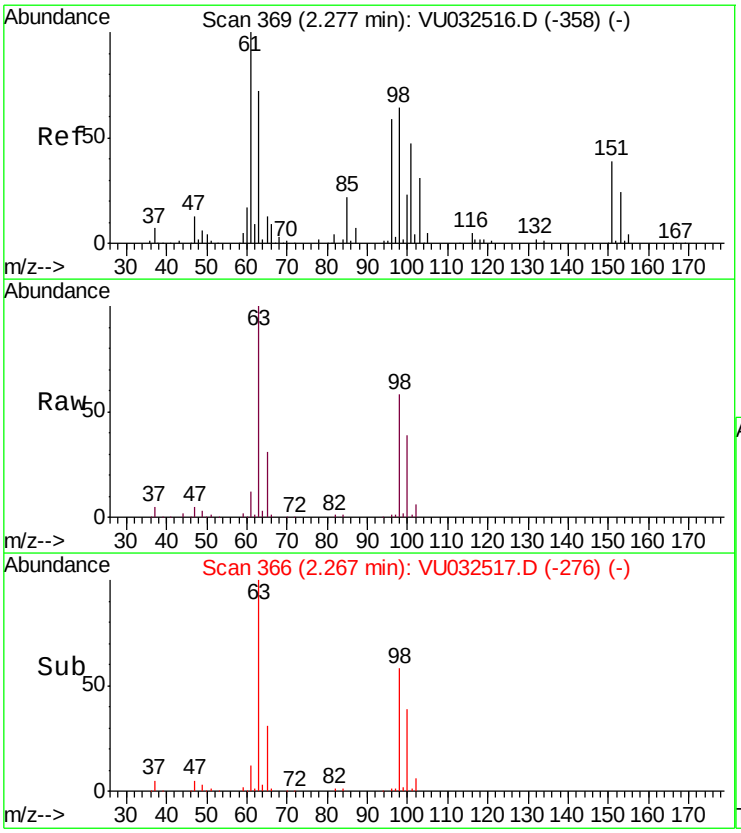
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.655 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032517.D
Acq: 06 Jun 2019 23:50

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Tgt Ion:101 Resp: 821

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

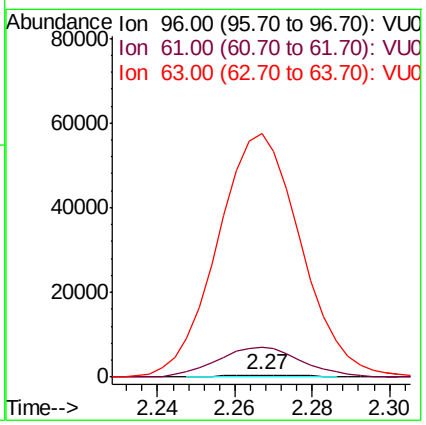


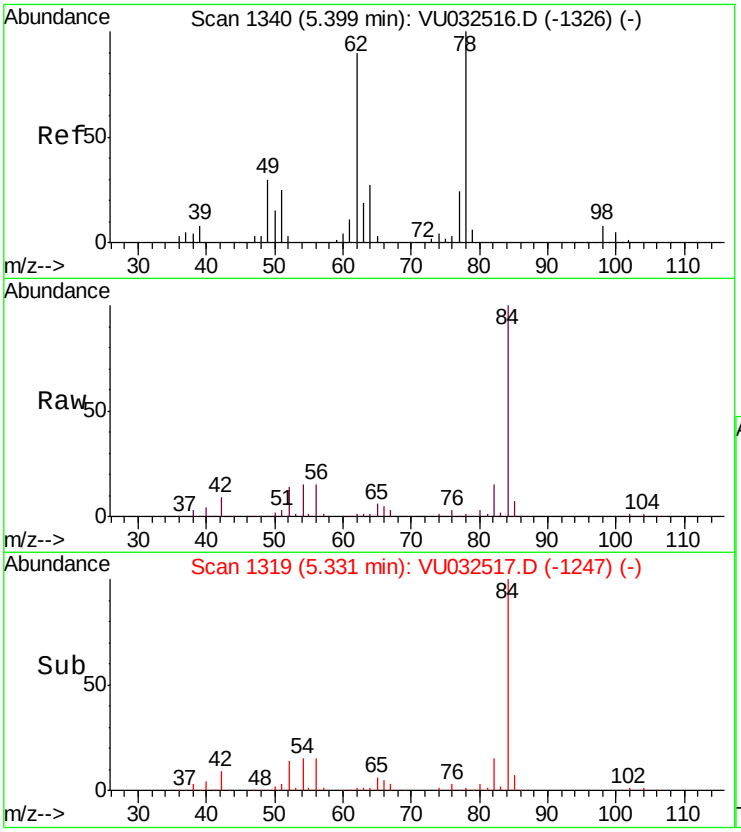


#12
1,1-Dichloroethene
Concen: 0.566 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032517.D
Acq: 06 Jun 2019 23:50

Tgt Ion: 96 Resp: 689

Ion	Ratio	Lower	Upper
96	100		
61	1671.2	129.5	240.5#
63	13461.4	103.4	192.0#



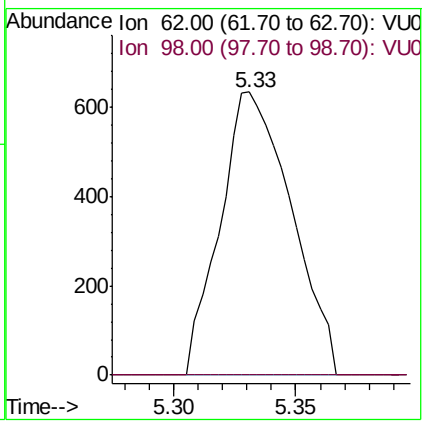


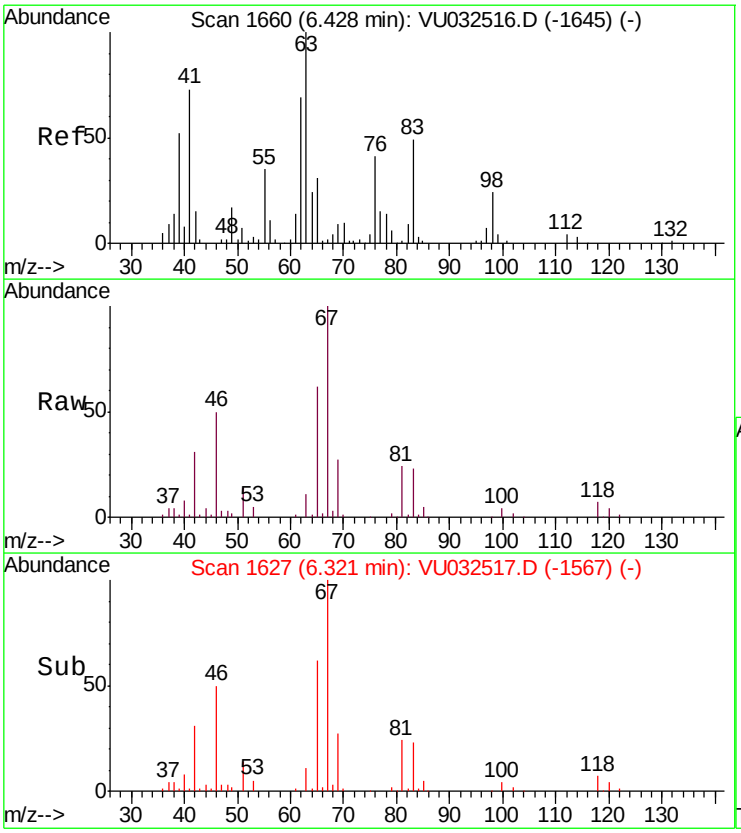
#27
1,2-Dichloroethane
Concen: 0.655 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.07 min
Lab File: VU032517.D
Acq: 06 Jun 2019 23:50

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Tgt Ion: 62 Resp: 1285

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

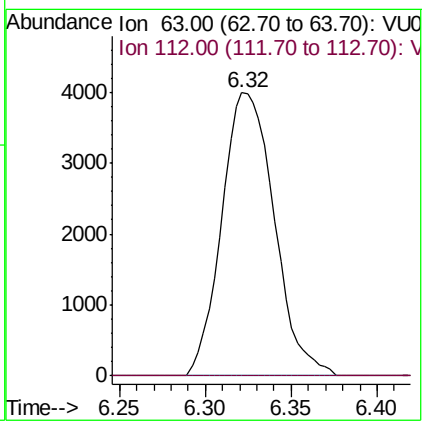


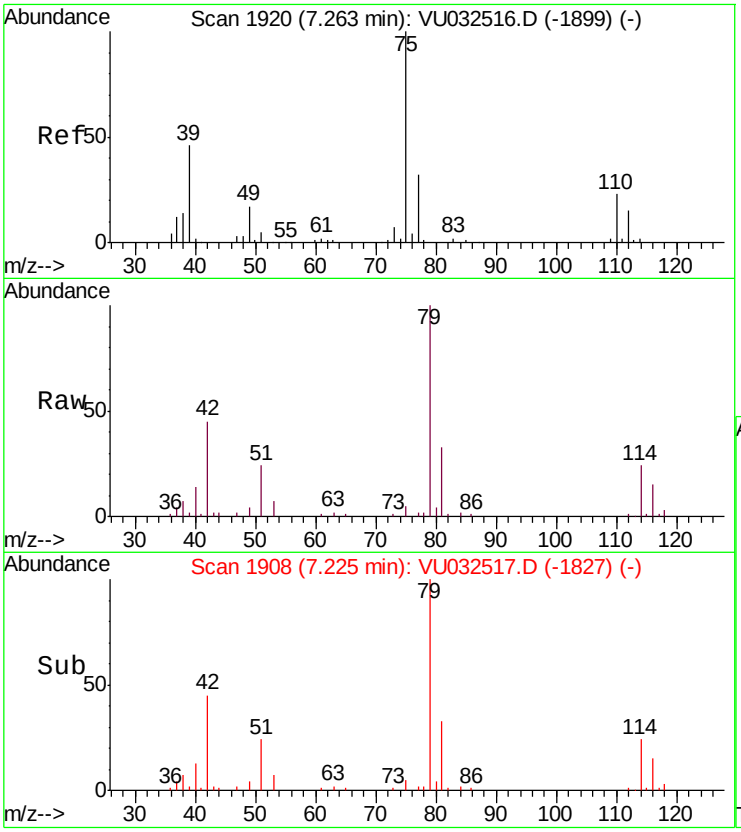


#37
1,2-Dichloropropane
Concen: 5.828 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU032517.D
Acq: 06 Jun 2019 23:50

Tgt Ion: 63 Resp: 8460

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



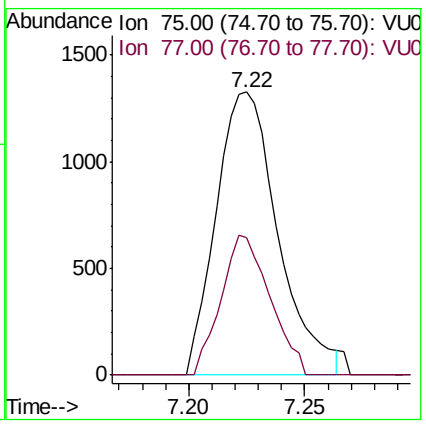


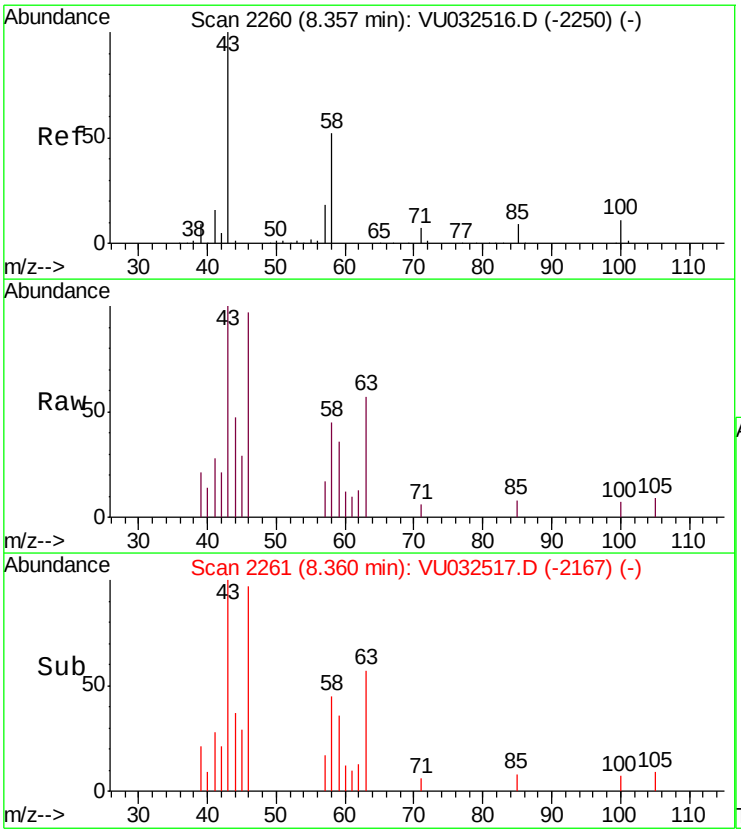
#39
cis-1,3-Dichloropropene
Concen: 1.075 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032517.D
Acq: 06 Jun 2019 23:50

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Tgt Ion: 75 Resp: 2461

Ion	Ratio	Lower	Upper
75	100		
77	48.3	22.0	41.0#

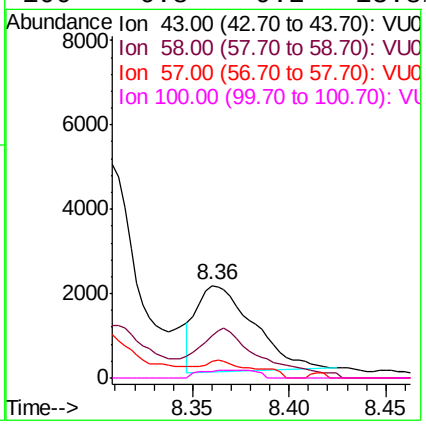


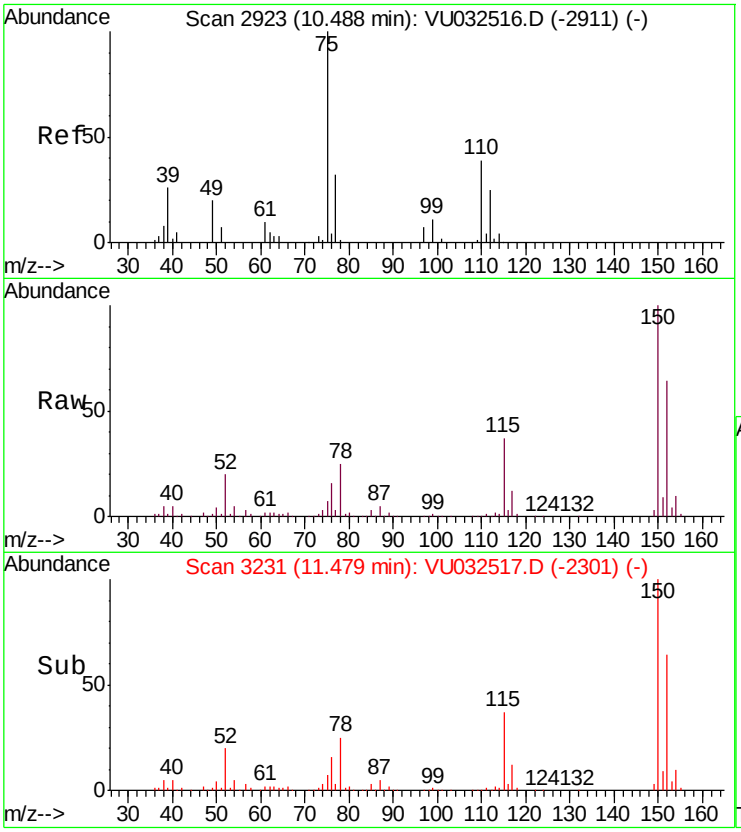


#48
2-Hexanone
Concen: 2.205 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032517.D
Acq: 06 Jun 2019 23:50

Tgt Ion: 43 Resp: 4230

Ion	Ratio	Lower	Upper
43	100		
58	51.0	42.0	63.0
57	5.8	14.6	22.0#
100	6.8	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 6.019 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032517.D
Acq: 06 Jun 2019 23:50

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Tgt Ion: 75 Resp: 11358

Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.6	38.4