Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\

Quantitation Report (Not Reviewed)

Data File : VU030383.D
Acq On : 24 Mar 2019 22:54
Operator : JC/SP
Sample : VU0324WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK53

Quant Time: Mar 25 05:52:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	407153	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	374196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	146504	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	169059	51.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.18%			
7) Chloroethane-d5	1.67	69	131339	50.57	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.14%			
11) 1,1-Dichloroethene-d2	2.27	63	225354	36.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.52%			
21) 2-Butanone-d5	4.17	46	285486	92.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.68%			
24) Chloroform-d	4.64	84	255784	45.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.62%			
26) 1,2-Dichloroethane-d4	5.31	65	172908	46.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.60%			
32) Benzene-d6	5.34	84	541574	50.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.94%			
36) 1,2-Dichloropropane-d6	6.33	67	188952	51.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.92%			
41) Toluene-d8	7.56	98	457446	47.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.94%			
43) trans-1,3-Dichloropropene-	7.85	79	75813	43.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.82%			
47) 2-Hexanone-d5	8.31	63	196633	98.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.83%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	241799	46.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.04%			
64) 1,2-Dichlorobenzene-d4	11.86	152	146388	49.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.74%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	4666	0.929	ug/L	100
8) Chloroethane	1.62	64	2405	0.894	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1762	0.593	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1668	0.573	ug/L #	1
51) Chlorobenzene	9.12	112	19698	2.459	ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	24997	5.681	ug/L	92
63) 1,4-Dichlorobenzene	11.51	146	16640	3.374	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	14623	3.018	ug/L	98

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

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Quantitation Report (Not Reviewed)

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Acq On : 24 Mar 2019 22:54
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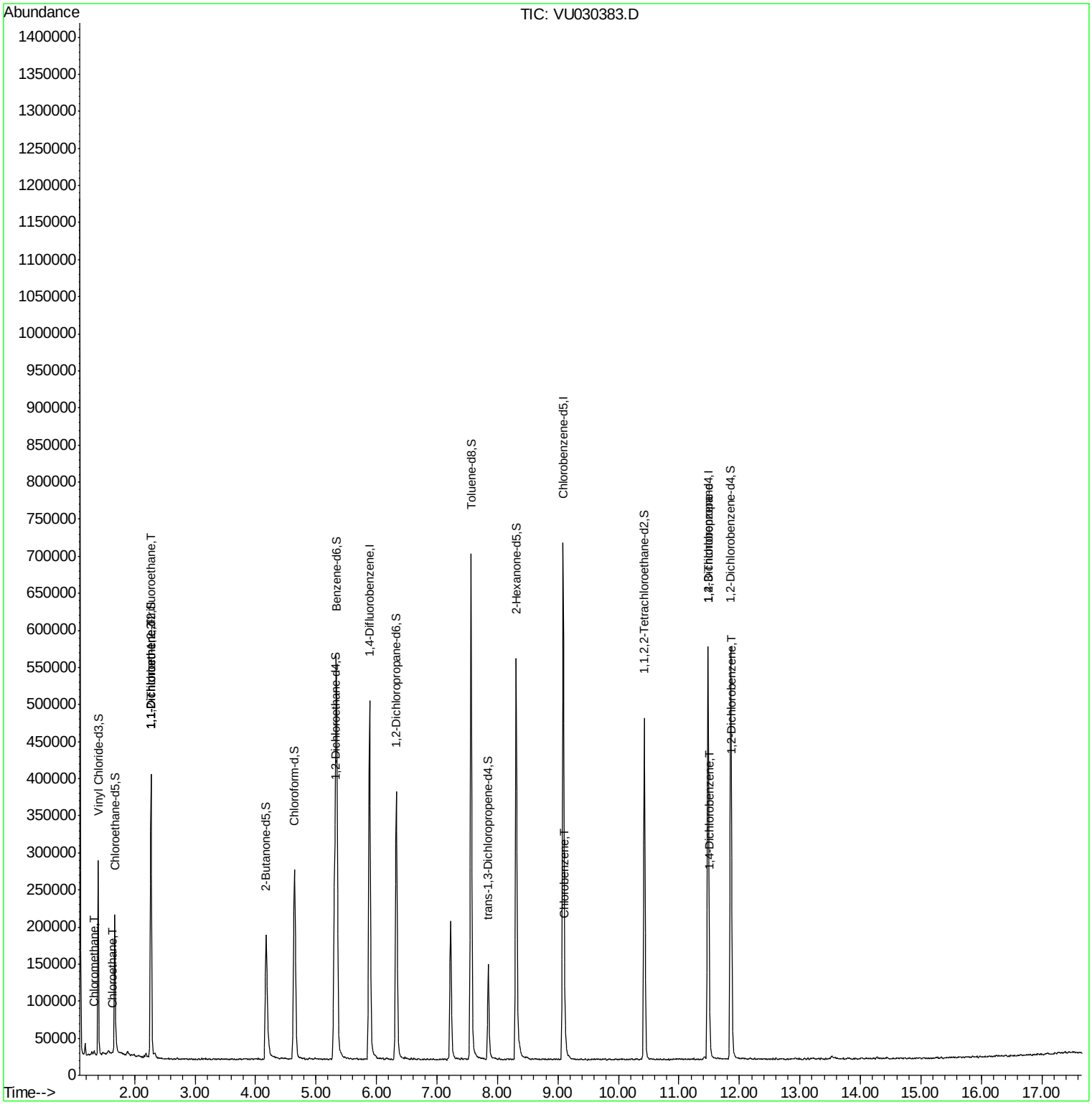
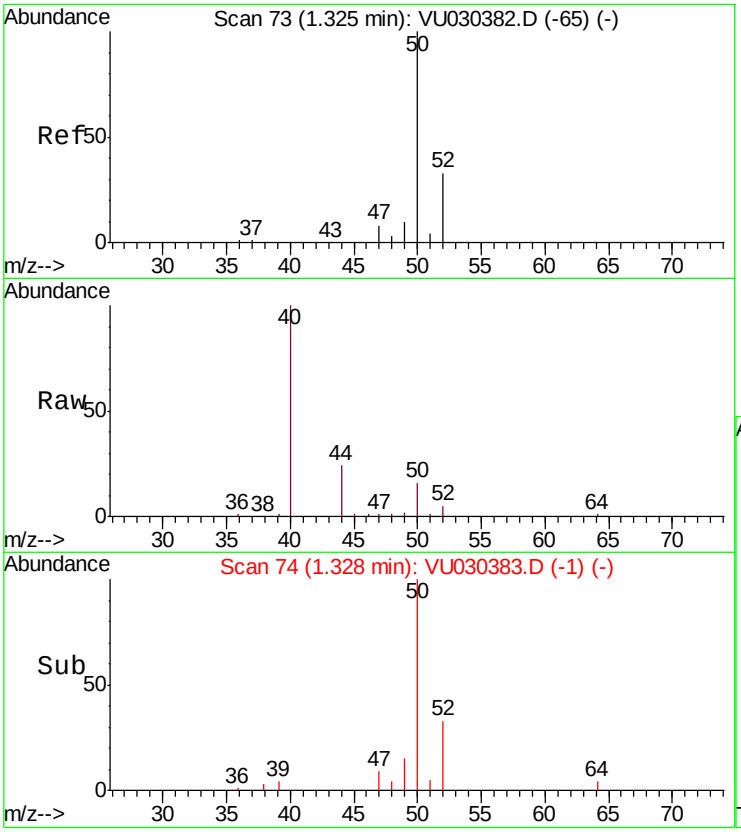
Sample : VU0324WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK53

Quant Time: Mar 25 05:52:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration



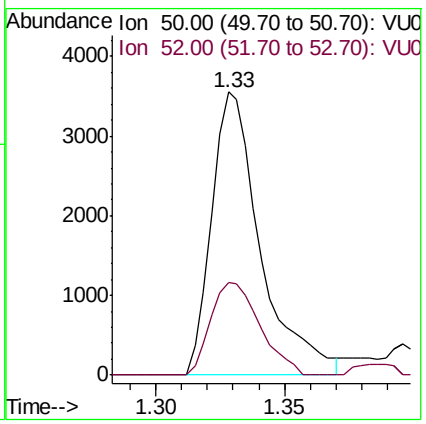


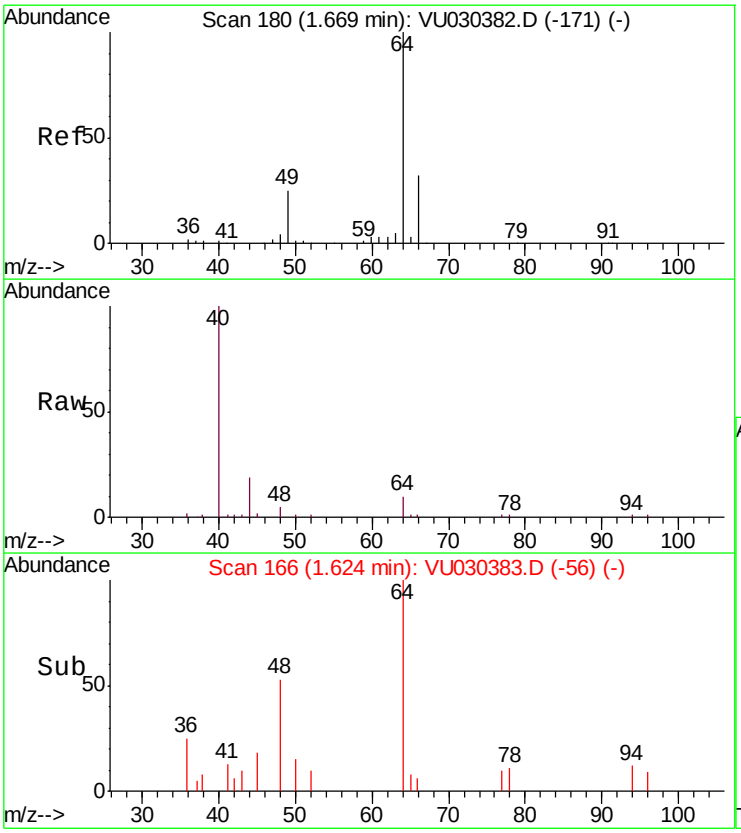
#3
Chloromethane
Concen: 0.929 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU030383.D
Acq: 24 Mar 2019 22:54

Instrument :
MSVOA_U
ClientSampleId :
VBLK53

Tgt Ion: 50 Resp: 4666

Ion	Ratio	Lower	Upper
50	100		
52	32.7	23.0	42.6

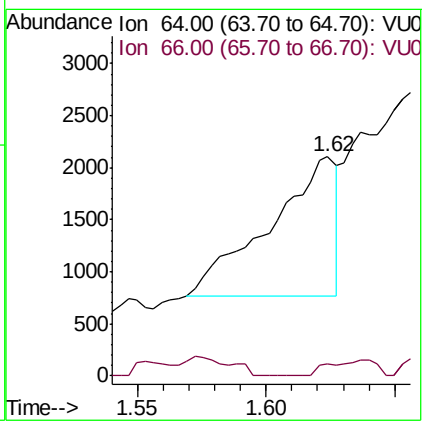


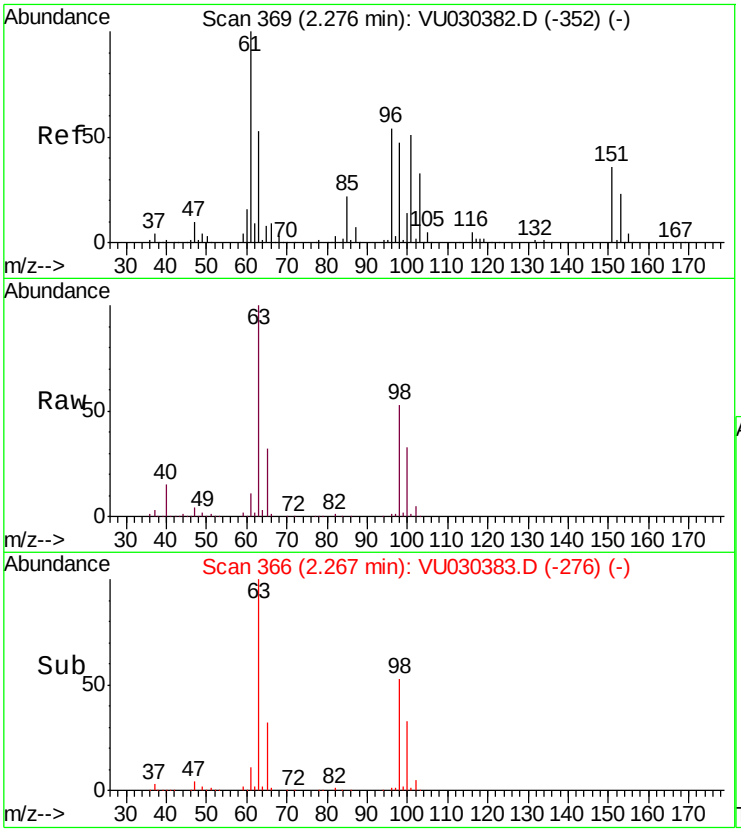


#8
Chloroethane
Concen: 0.894 ug/L
RT: 1.62 min Scan# 166
Delta R.T. -0.04 min
Lab File: VU030383.D
Acq: 24 Mar 2019 22:54

Tgt Ion: 64 Resp: 2405

Ion	Ratio	Lower	Upper
64	100		
66	5.3	22.5	41.7#



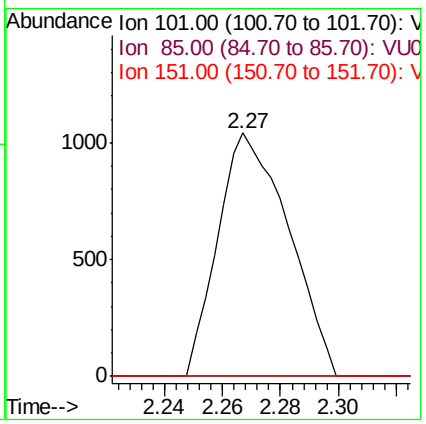


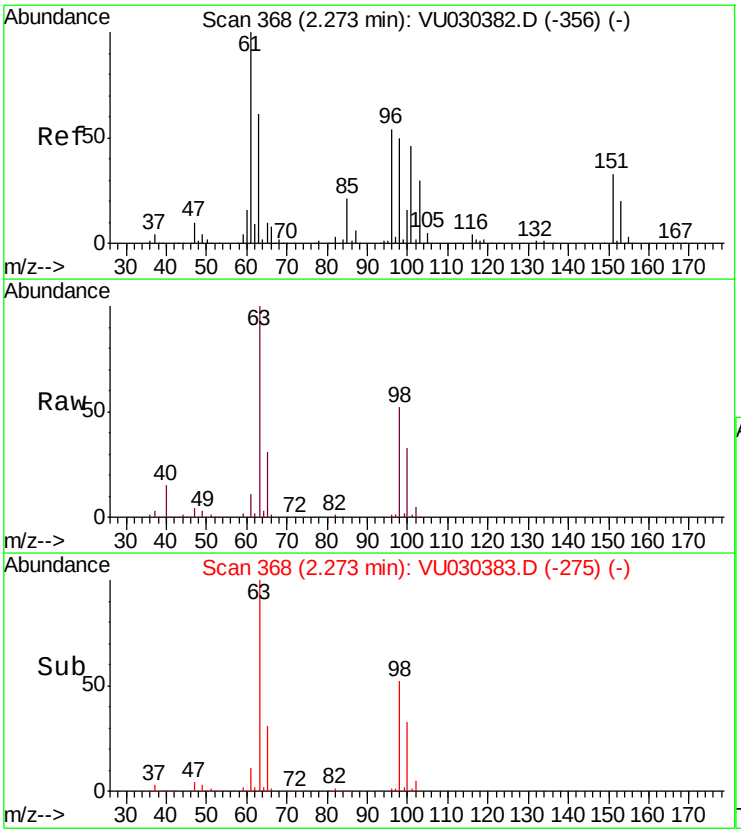
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.593 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030383.D
Acq: 24 Mar 2019 22:54

Instrument :
MSVOA_U
ClientSampleId :
VBLK53

Tgt Ion:101 Resp: 1762

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#

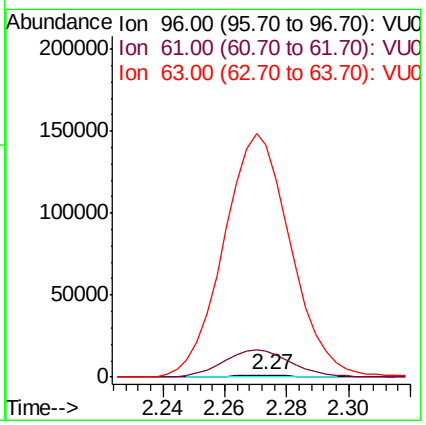


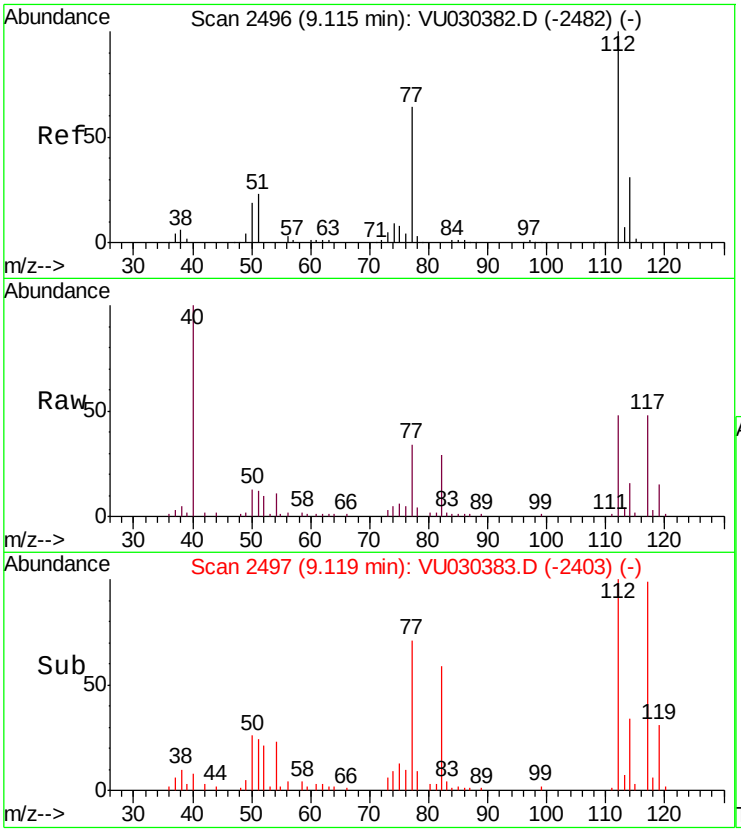


#12
1,1-Dichloroethene
Concen: 0.573 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU030383.D
Acq: 24 Mar 2019 22:54

Tgt Ion: 96 Resp: 1668

Ion	Ratio	Lower	Upper
96	100		
61	1500.8	131.0	243.4#
63	13168.4	92.4	171.6#



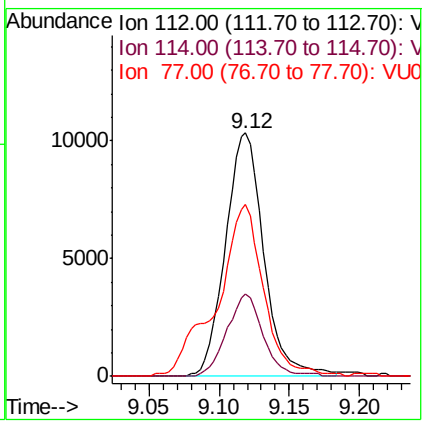


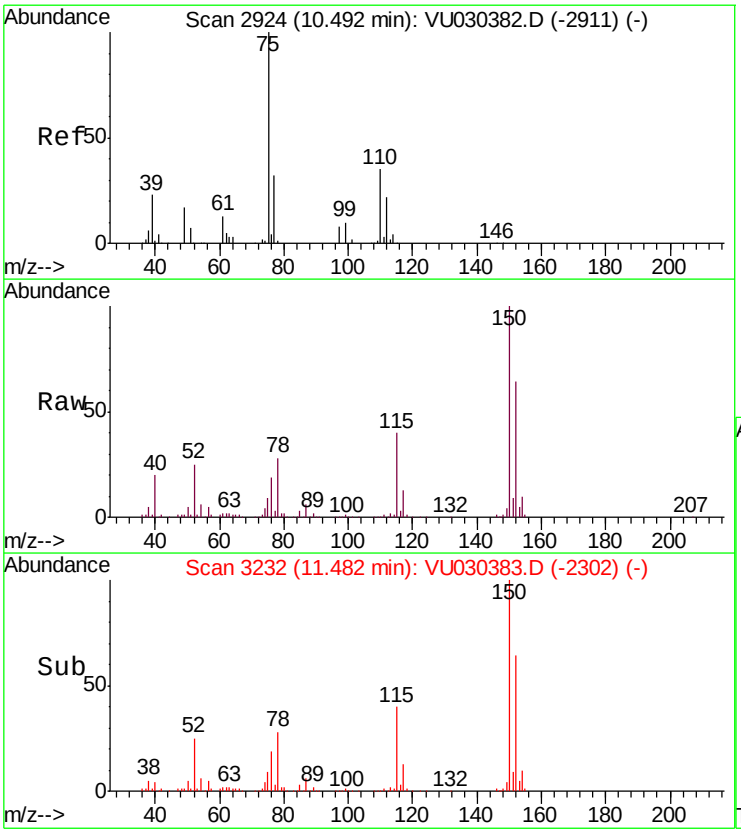
#51
Chlorobenzene
Concen: 2.459 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030383.D
Acq: 24 Mar 2019 22:54

Instrument :
MSVOA_U
ClientSampleId :
VBLK53

Tgt Ion:112 Resp: 19698

Ion	Ratio	Lower	Upper
112	100		
114	33.7	21.5	39.9
77	70.8	51.4	77.0

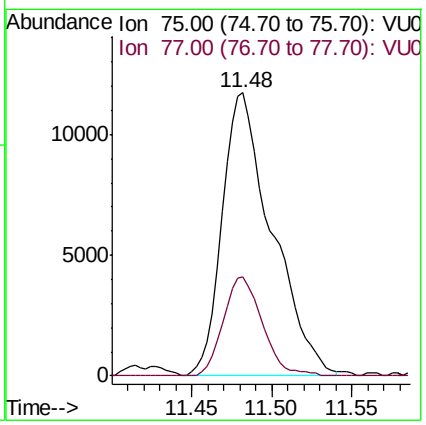


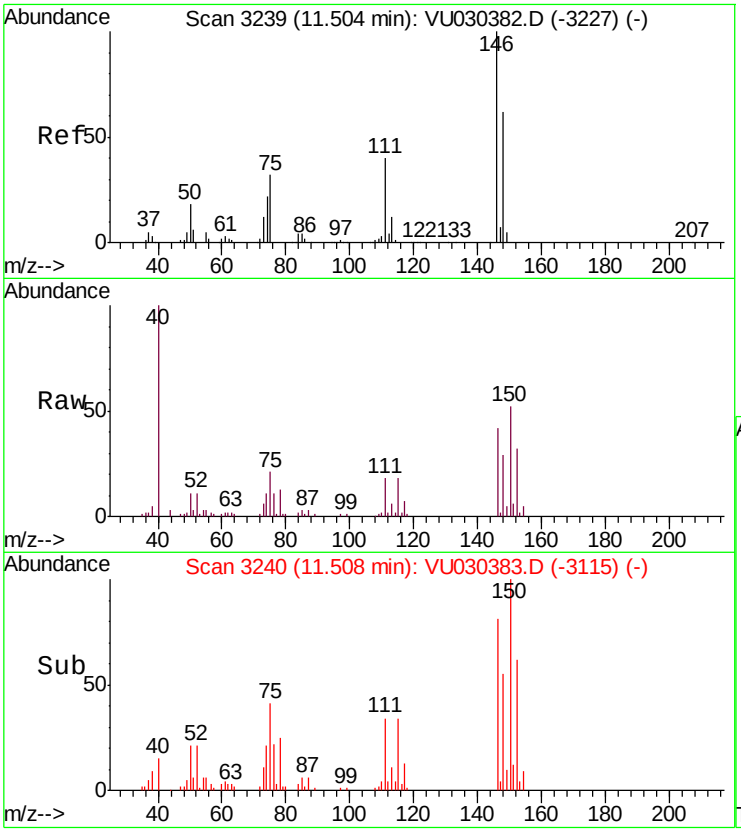


#59
1,2,3-Trichloropropane
Concen: 5.681 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030383.D
Acq: 24 Mar 2019 22:54

Tgt Ion: 75 Resp: 24997

Ion	Ratio	Lower	Upper
75	100		
77	27.4	25.4	38.2



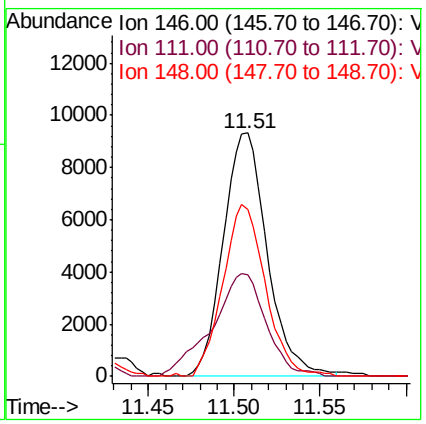


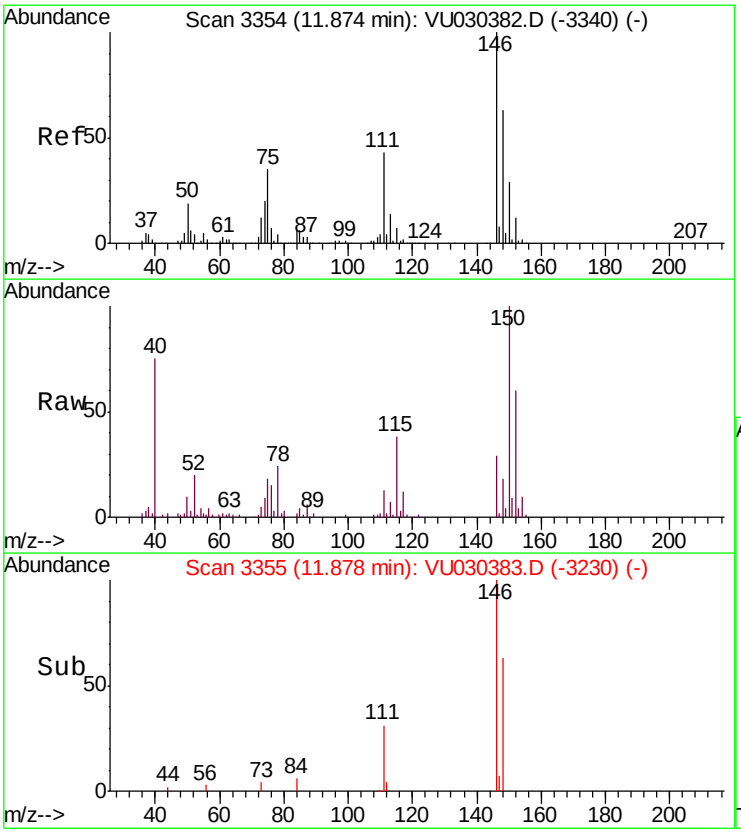
#63
1,4-Dichlorobenzene
Concen: 3.374 ug/L
RT: 11.51 min Scan# 3240
Delta R.T. 0.00 min
Lab File: VU030383.D
Acq: 24 Mar 2019 22:54

Instrument :
MSVOA_U
ClientSampleId :
VBLK53

Tgt Ion:146 Resp: 16640

Ion	Ratio	Lower	Upper
146	100		
111	41.9	28.7	53.3
148	68.3	44.3	82.3





#65
1,2-Dichlorobenzene
Concen: 3.018 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030383.D
Acq: 24 Mar 2019 22:54

Tgt Ion:146 Resp: 14623

Ion	Ratio	Lower	Upper
146	100		
111	43.9	34.9	52.3
148	61.2	51.2	76.8