Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (Not Reviewed)

Data File : VU030405.D
Acq On : 25 Mar 2019 16:16
Operator : JC/SP
Sample : VU0325WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK55

Quant Time: Mar 26 01:28:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	443544	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	418931	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	172450	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	181057	50.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.44%			
7) Chloroethane-d5	1.67	69	142712	50.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.88%			
11) 1,1-Dichloroethene-d2	2.27	63	247339	36.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.06%			
21) 2-Butanone-d5	4.17	46	332469	99.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.08%			
24) Chloroform-d	4.64	84	291153	47.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.68%			
26) 1,2-Dichloroethane-d4	5.31	65	197141	48.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.98%			
32) Benzene-d6	5.34	84	599464	49.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.32	67	213033	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.66%			
41) Toluene-d8	7.56	98	517633	47.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.96%			
43) trans-1,3-Dichloropropene-	7.85	79	90898	47.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.06%			
47) 2-Hexanone-d5	8.31	63	219411	98.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.50%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	285645	48.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.12%			
64) 1,2-Dichlorobenzene-d4	11.86	152	172598	49.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.90%			

Target Compounds						Qvalue
8) Chloroethane	1.65	64	4437	1.514	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2046	0.632	ug/L #	22
44) trans-1,3-Dichloropropene	7.85	75	3657	0.714	ug/L	88
48) 2-Hexanone	8.36	43	5723	1.027	ug/L #	88
51) Chlorobenzene	9.12	112	11327	1.263	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	25492	5.175	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	9016	1.553	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	8586	1.506	ug/L	98
68) 1,2,4-trichlorobenzene	13.53	180	2140	0.583	ug/L #	49

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

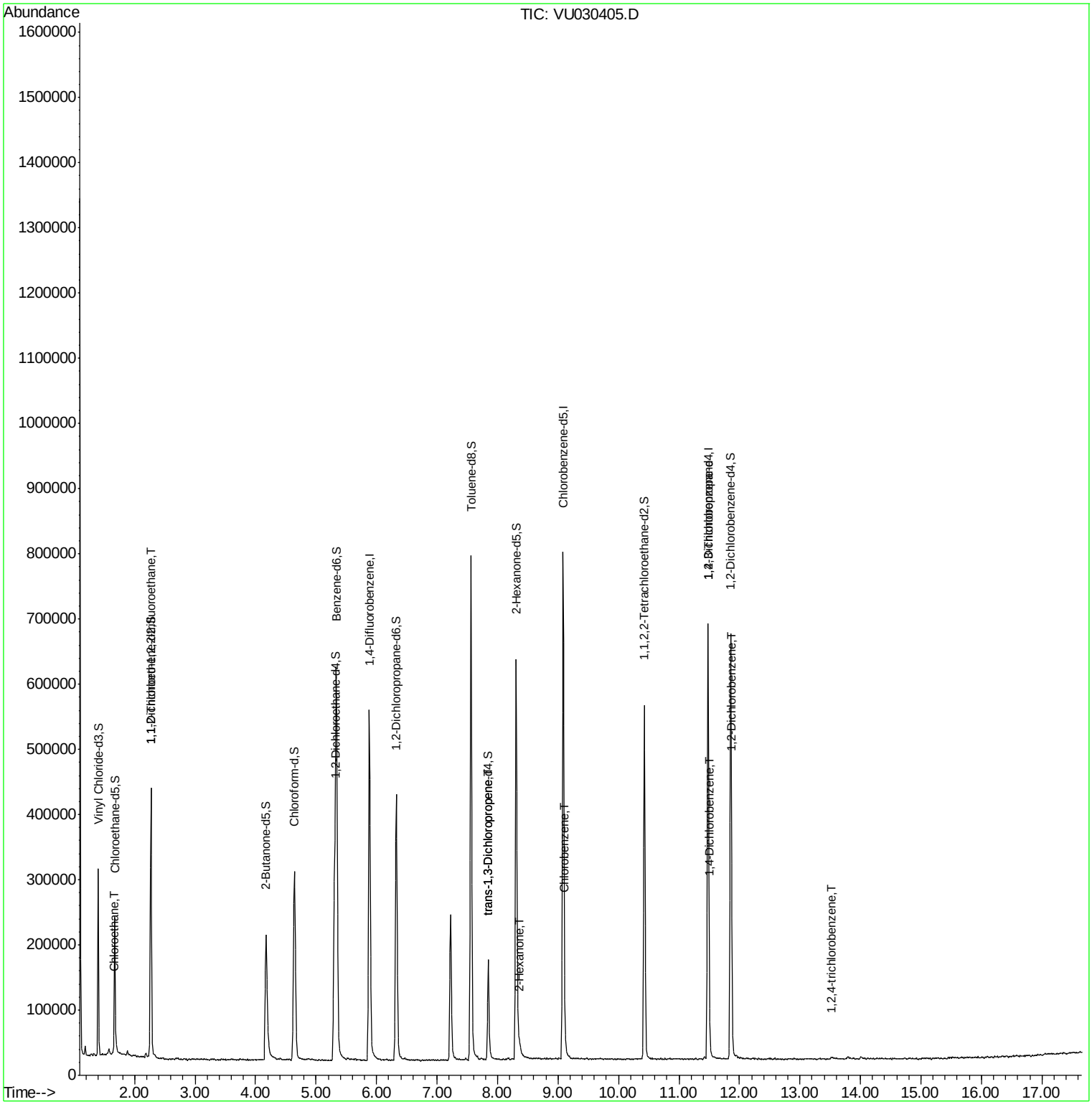
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

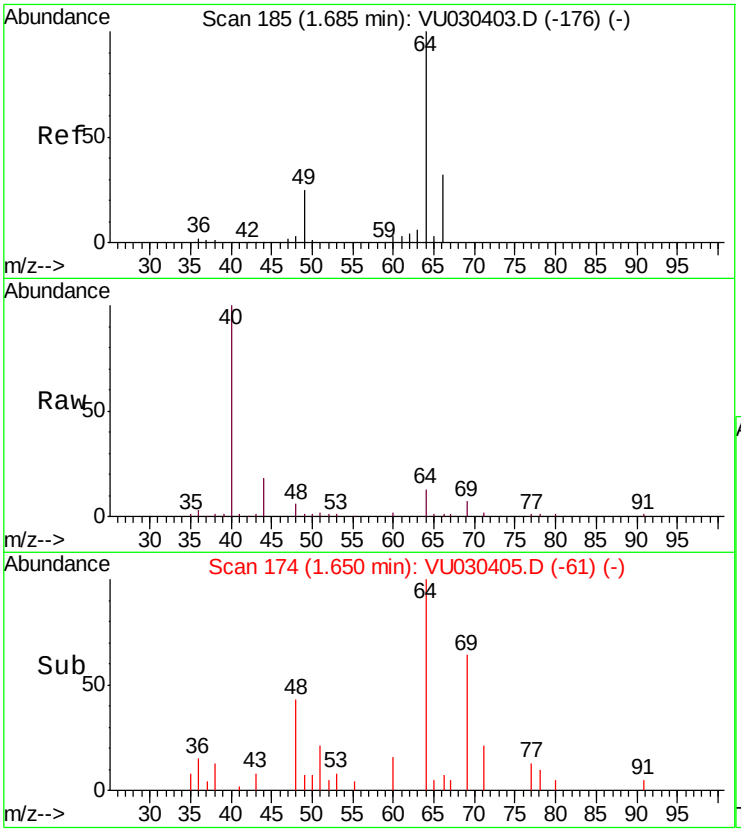
Quantitation Report (Not Reviewed)

Data File : VU030405.D
Acq On : 25 Mar 2019 16:16
Operator : JC/SP
Sample : VU0325WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK55

Quant Time: Mar 26 01:28:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



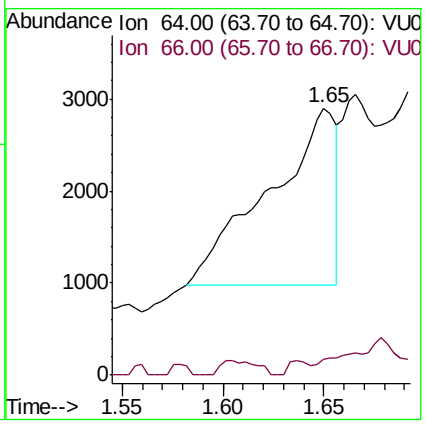


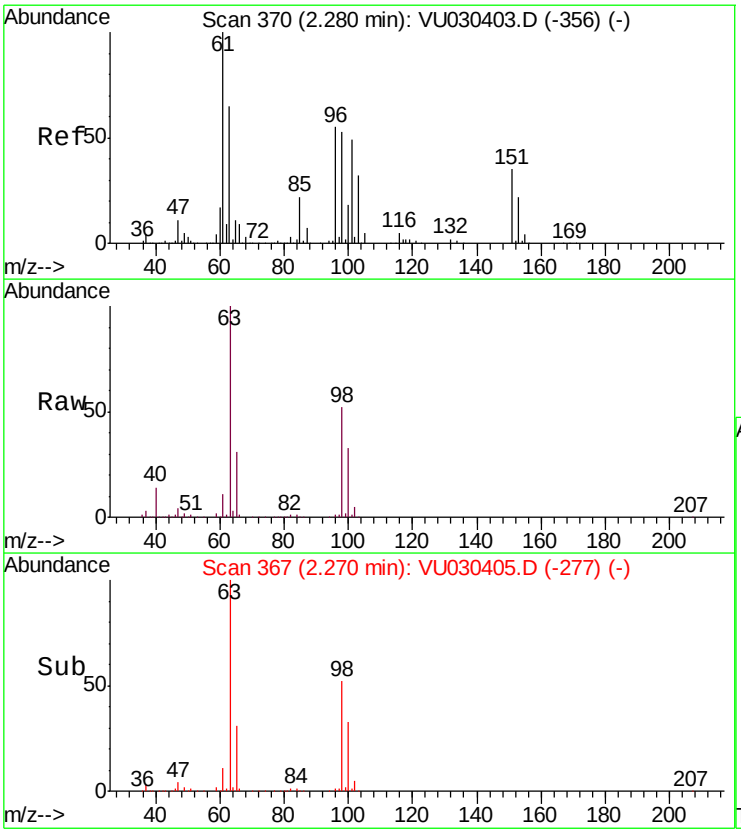
#8
Chloroethane
Concen: 1.514 ug/L
RT: 1.65 min Scan# 174
Delta R.T. -0.04 min
Lab File: VU030405.D
Acq: 25 Mar 2019 16:16

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion: 64 Resp: 4437

Ion	Ratio	Lower	Upper
64	100		
66	5.8	22.5	41.7#

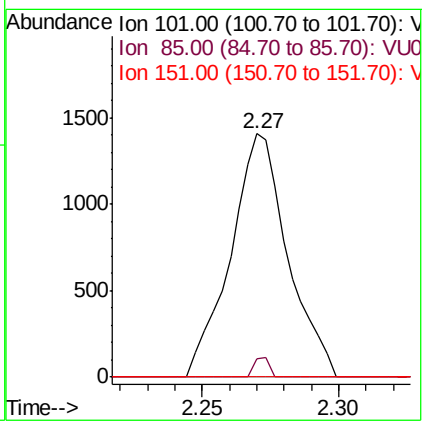


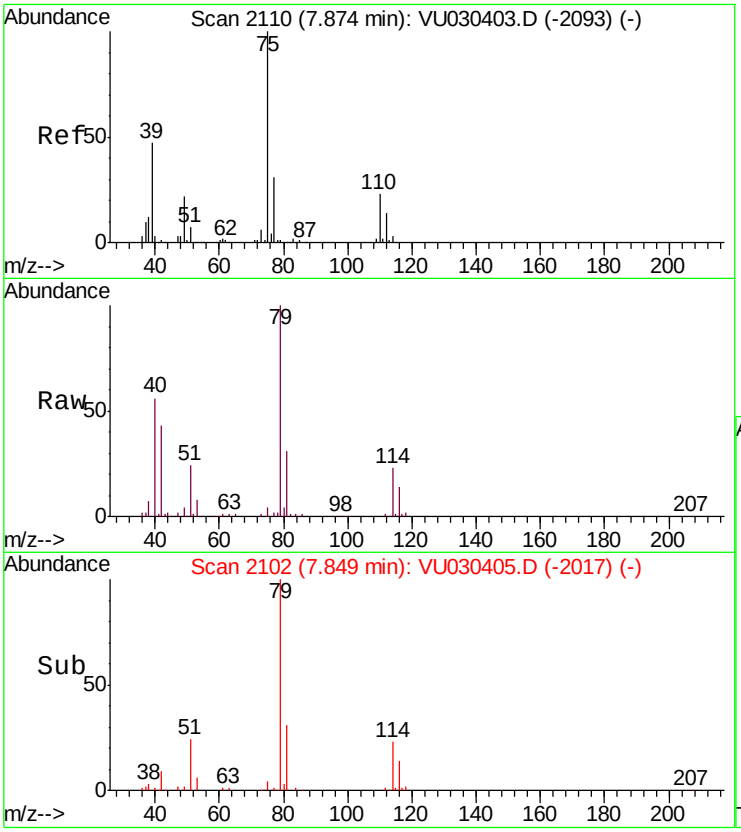


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.632 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030405.D
Acq: 25 Mar 2019 16:16

Tgt Ion:101 Resp: 2046

Ion	Ratio	Lower	Upper
101	100		
85	2.1	34.8	52.2#
151	0.0	56.6	85.0#



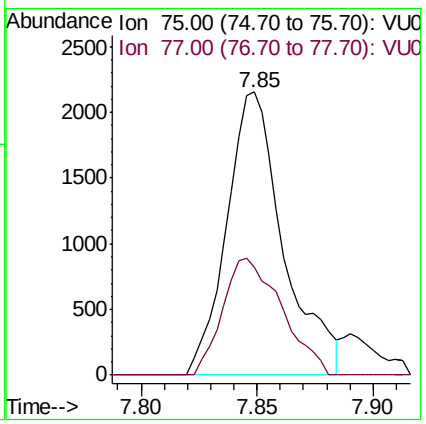


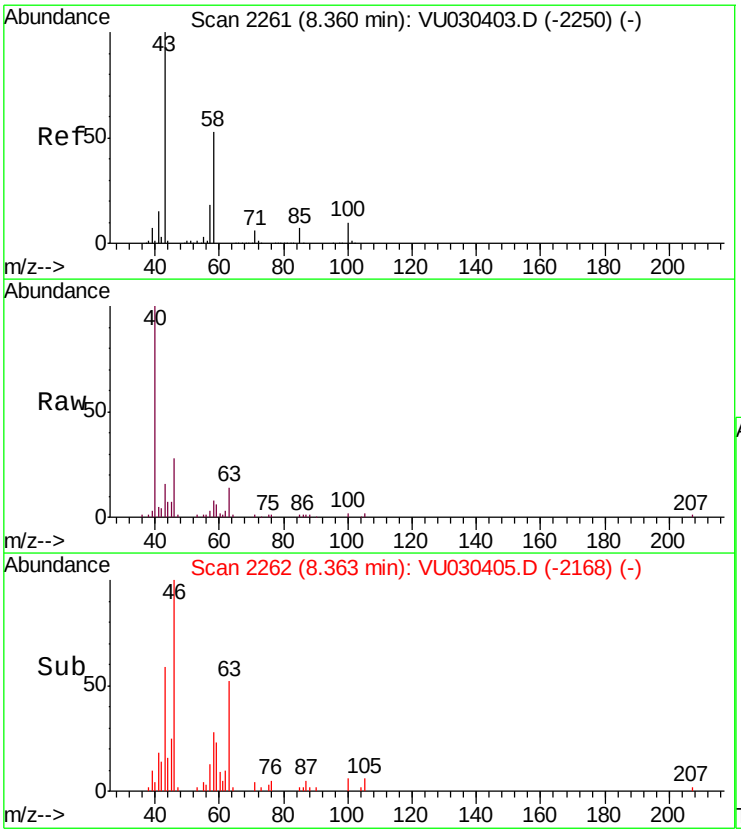
#44
trans-1,3-Dichloropropene
Concen: 0.714 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030405.D
Acq: 25 Mar 2019 16:16

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion: 75 Resp: 3657

Ion	Ratio	Lower	Upper
75	100		
77	38.0	22.0	40.8

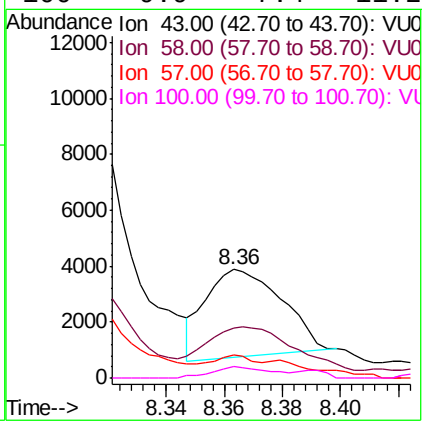


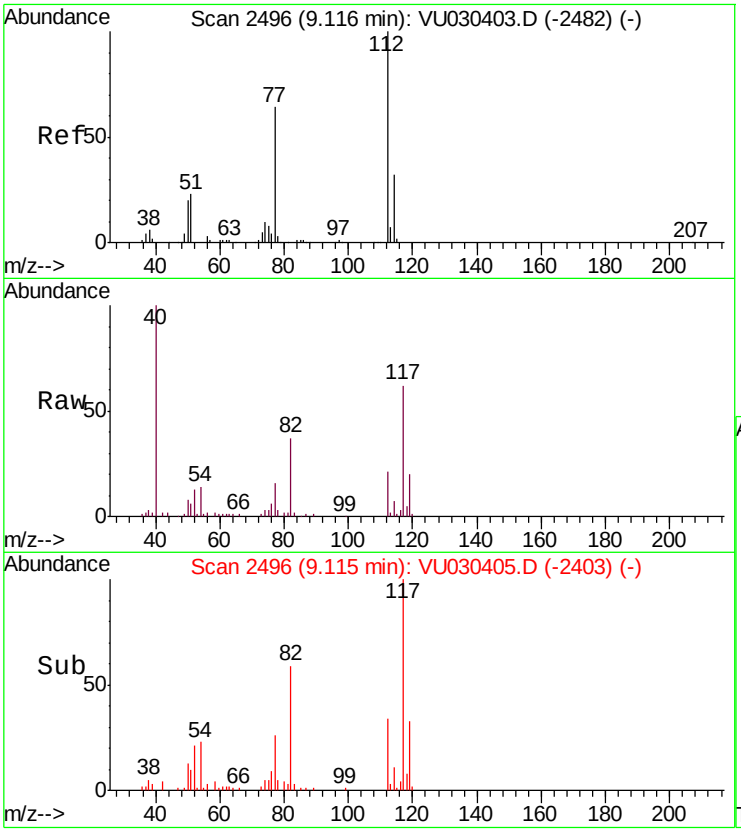


#48
2-Hexanone
Concen: 1.027 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030405.D
Acq: 25 Mar 2019 16:16

Tgt Ion: 43 Resp: 5723

Ion	Ratio	Lower	Upper
43	100		
58	61.3	42.5	63.7
57	10.0	15.0	22.6#
100	9.9	7.4	11.2



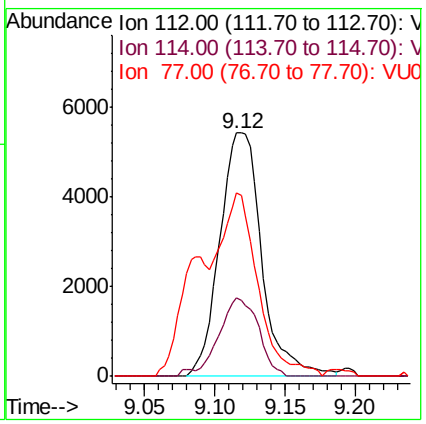


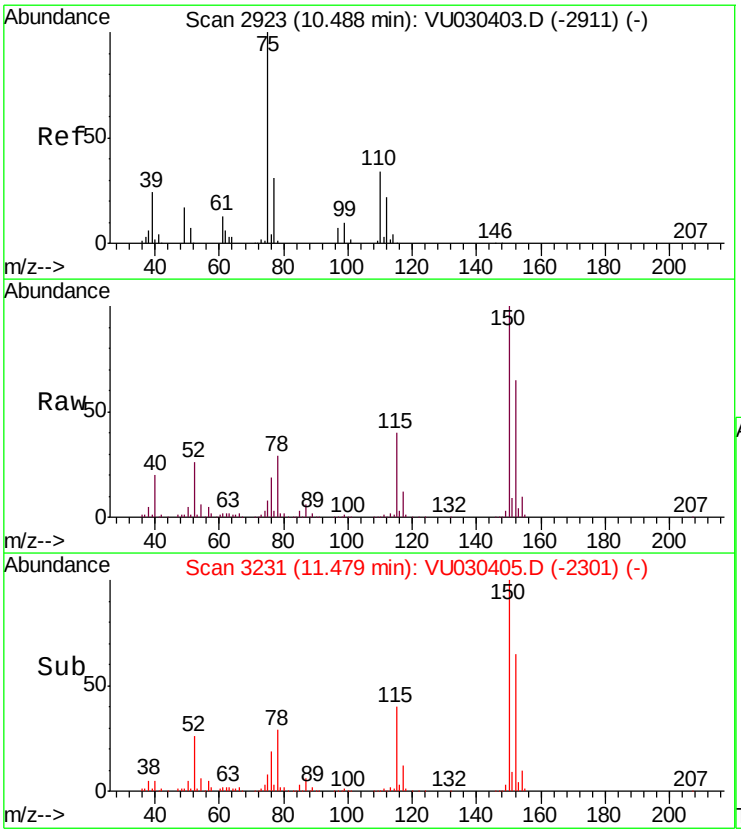
#51
Chlorobenzene
Concen: 1.263 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030405.D
Acq: 25 Mar 2019 16:16

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion:112 Resp: 11327

Ion	Ratio	Lower	Upper
112	100		
114	32.5	21.5	39.9
77	75.3	51.4	77.0

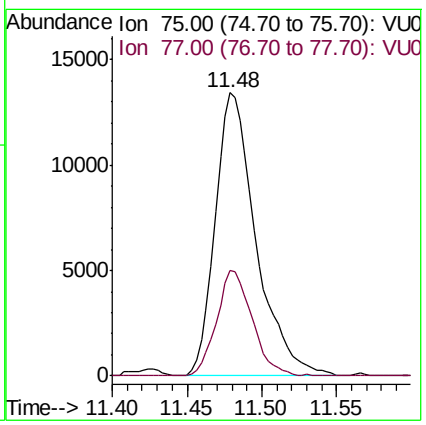


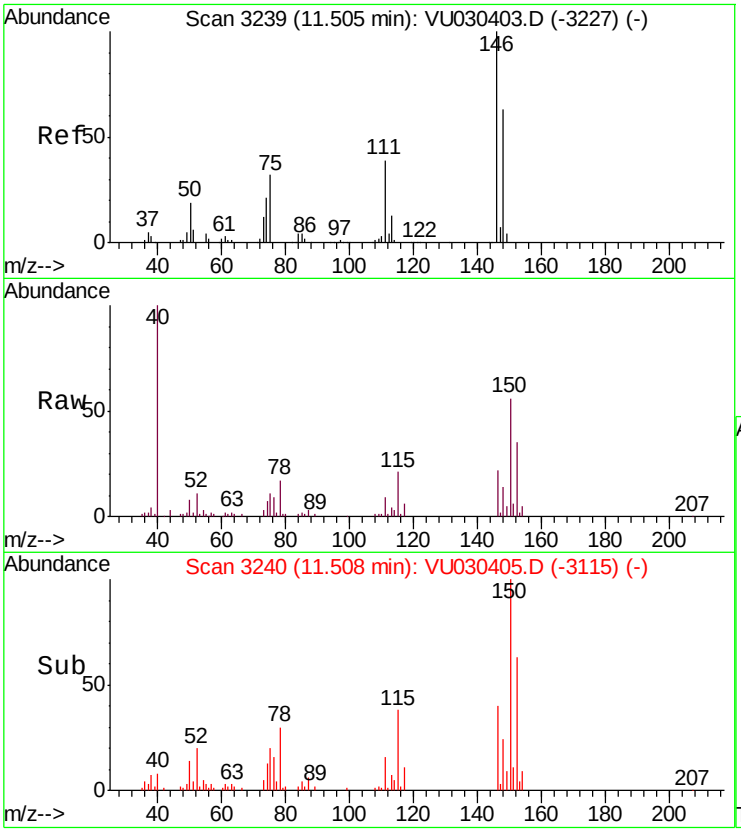


#59
1,2,3-Trichloropropane
Concen: 5.175 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030405.D
Acq: 25 Mar 2019 16:16

Tgt Ion: 75 Resp: 25492

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.4	38.2



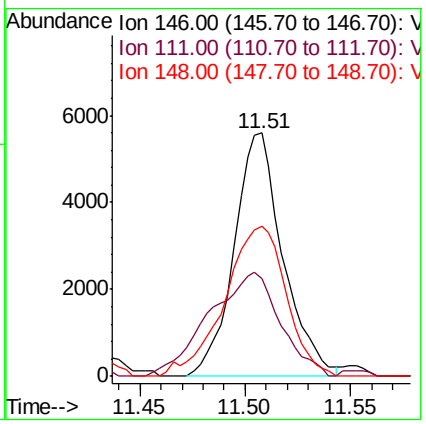


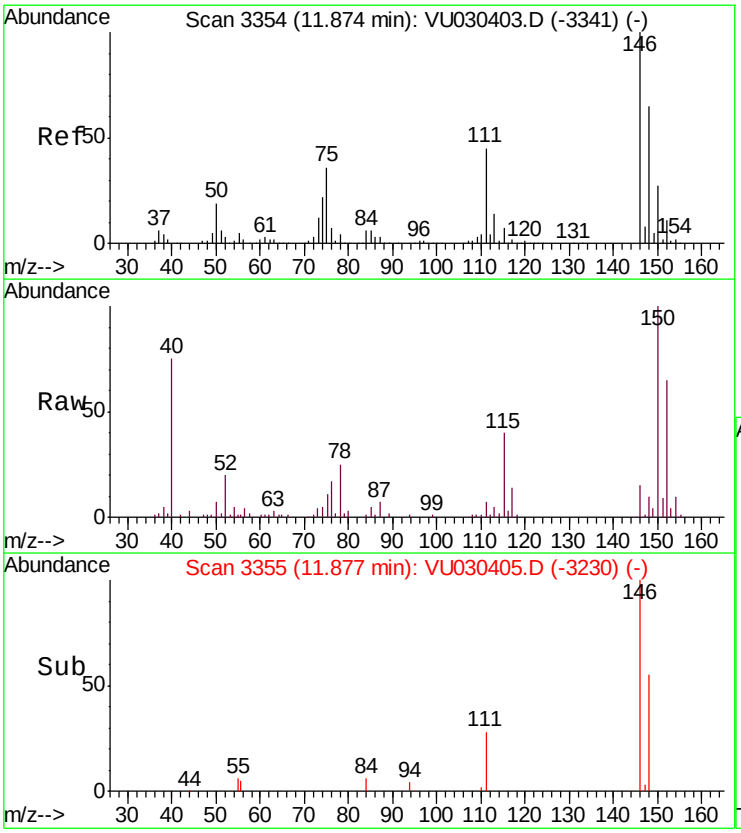
#63
1,4-Dichlorobenzene
Concen: 1.553 ug/L
RT: 11.51 min Scan# 3240
Delta R.T. 0.00 min
Lab File: VU030405.D
Acq: 25 Mar 2019 16:16

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion:146 Resp: 9016

Ion	Ratio	Lower	Upper
146	100		
111	40.1	28.7	53.3
148	61.5	44.3	82.3

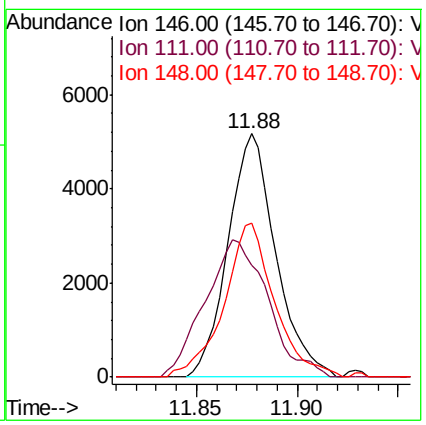


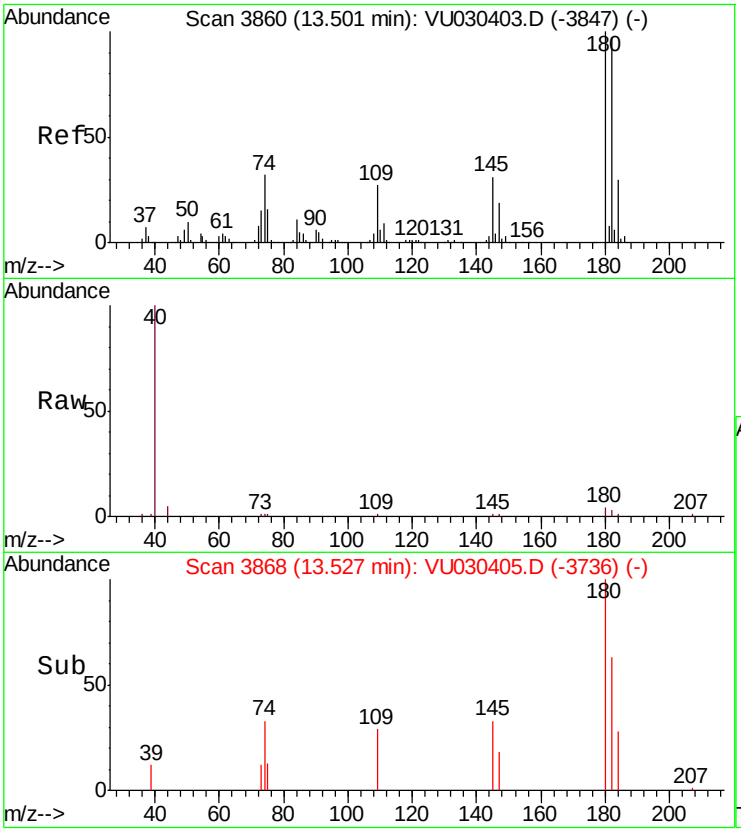


#65
1,2-Dichlorobenzene
Concen: 1.506 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030405.D
Acq: 25 Mar 2019 16:16

Tgt Ion:146 Resp: 8586

Ion	Ratio	Lower	Upper
146	100		
111	45.9	34.9	52.3
148	63.2	51.2	76.8





#68
1,2,4-trichlorobenzene
Concen: 0.583 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.03 min
Lab File: VU030405.D
Acq: 25 Mar 2019 16:16

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion:180 Resp: 2140

Ion	Ratio	Lower	Upper
180	100		
182	30.8	76.1	114.1#
145	33.6	24.5	36.7