Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020620\

Quantitation Report (Not Reviewed)

Data File : VU036685.D
Acq On : 06 Feb 2020 14:52
Operator : JC/MD
Sample : VU0206WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK101

Quant Time: Feb 07 04:54:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 04:51:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	271985	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256612	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	109676	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	92342	50.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.82%			
7) Chloroethane-d5	1.93	69	84530	50.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.52%			
11) 1,1-Dichloroethene-d2	2.59	63	127595	37.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.52%			
21) 2-Butanone-d5	4.67	46	170831	110.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.39%			
24) Chloroform-d	5.11	84	162066	49.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.74%			
26) 1,2-Dichloroethane-d4	5.74	65	116676	51.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.92%			
32) Benzene-d6	5.76	84	349999	51.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.76%			
36) 1,2-Dichloropropane-d6	6.73	67	116482	52.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.02%			
41) Toluene-d8	7.93	98	320242	51.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.66%			
43) trans-1,3-Dichloropropene-	8.21	79	54578	50.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.80%			
47) 2-Hexanone-d5	8.66	63	132710	103.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.83%			
56) 1,1,2,2-Tetrachloroethane-	10.78	84	164861	49.95	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.90%			
66) 1,2-Dichlorobenzene-d4	12.21	152	105694	53.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.08%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1273	0.746	ug/L #	23
12) 1,1-Dichloroethene	2.59	96	943	0.568	ug/L #	1
13) Acetone	2.66	43	4775	2.905	ug/L	93
14) Carbon disulfide	2.82	76	2451	0.494	ug/L	97
37) 1,2-Dichloropropane	6.73	63	13063	6.241	ug/L #	88
40) 4-Methyl-2-pentanone	7.83	43	1728	0.523	ug/L #	97
44) trans-1,3-Dichloropropene	8.21	75	2768	0.947	ug/L	87
46) Tetrachloroethene	8.58	164	864	0.641	ug/L	83
60) 1,2,3-Trichloropropane	10.84	75	319	0.124	ug/L #	42
61) Isopropylbenzene	10.50	105	886	0.108	ug/L #	79
62) 1,3,5-Trimethylbenzene	11.11	105	783	0.112	ug/L #	73
63) 1,2,4-Trimethylbenzene	11.49	105	1272	0.182	ug/L	87
70) 1,2,4-trichlorobenzene	13.86	180	1175	0.592	ug/L	90
71) Naphthalene	14.10	128	5176	0.739	ug/L	97
72) 1,2,3-Trichlorobenzene	14.35	180	1269	0.641	ug/L #	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020620\

Quantitation Report (Not Reviewed)

Data File : VU036685.D
Acq On : 06 Feb 2020 14:52
Operator : JC/MD
Sample : VU0206WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK101

Quant Time: Feb 07 04:54:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 04:51:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

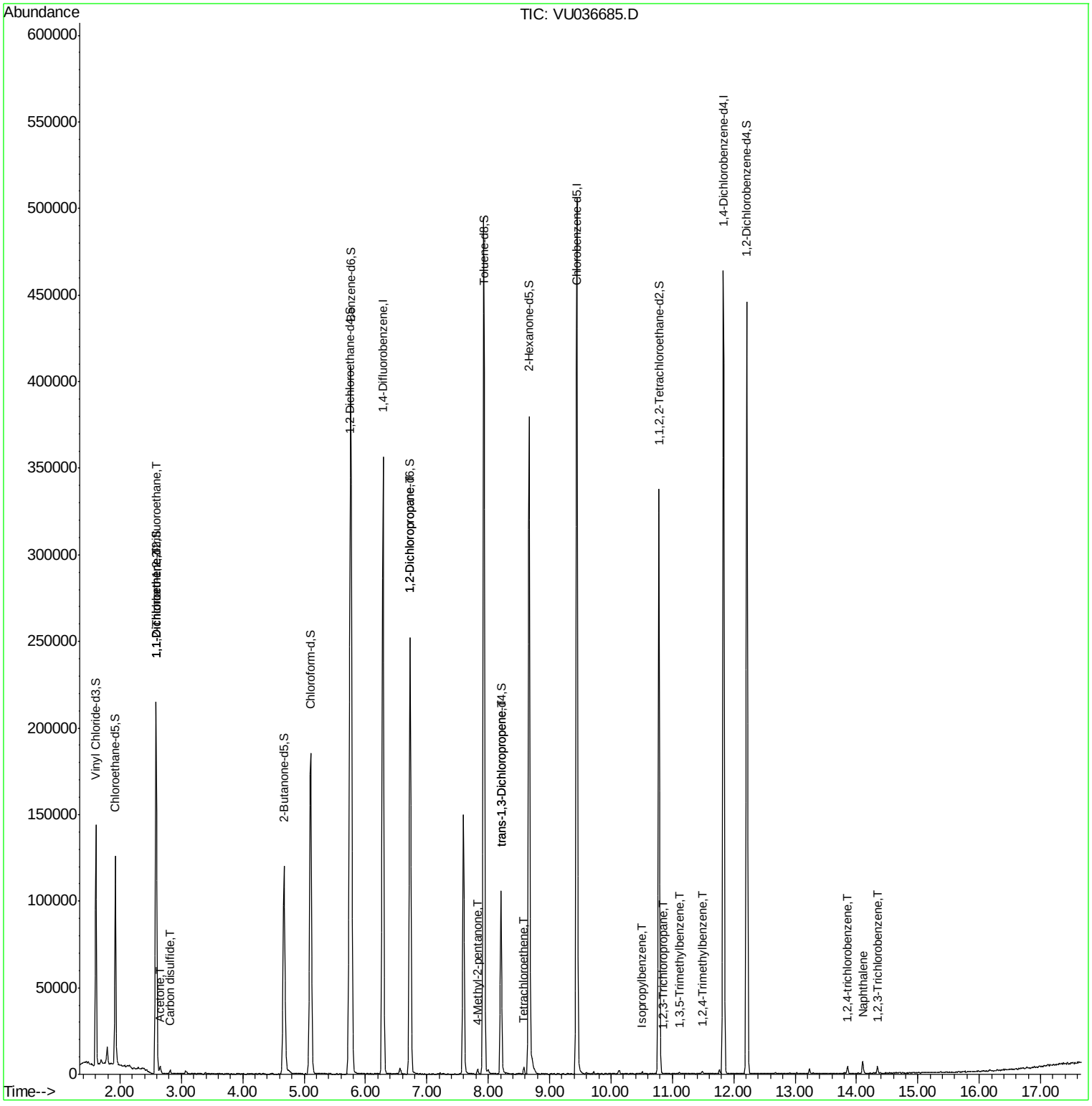
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020620\

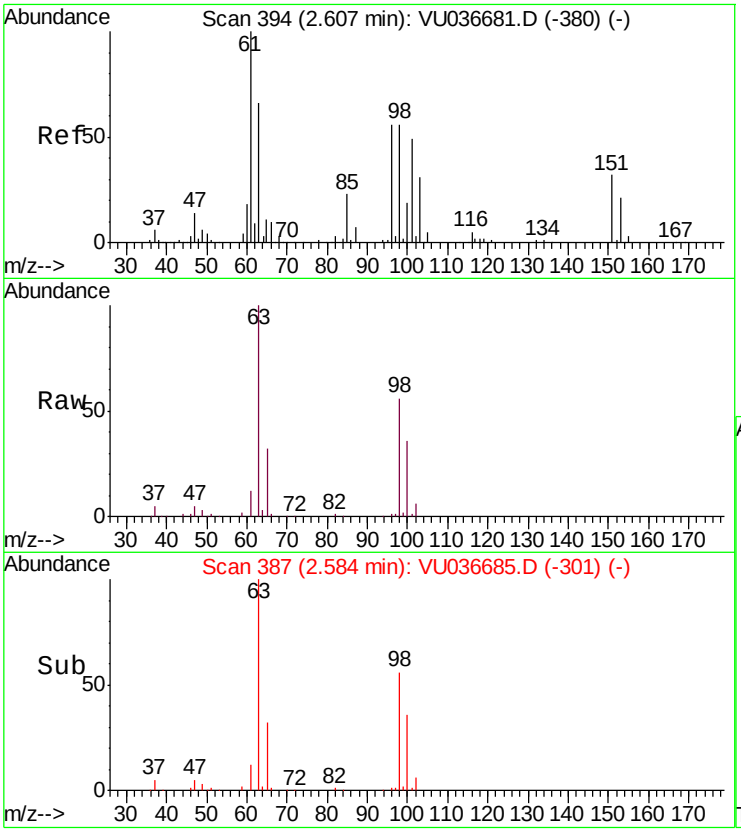
Quantitation Report (Not Reviewed)

Data File : VU036685.D
Acq On : 06 Feb 2020 14:52
Operator : JC/MD
Sample : VU0206WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK101

Quant Time: Feb 07 04:54:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 04:51:54 2020
Response via : Initial Calibration



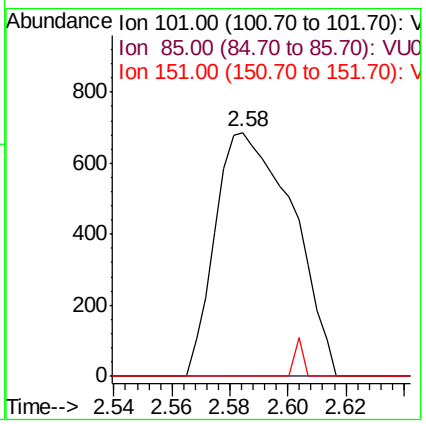


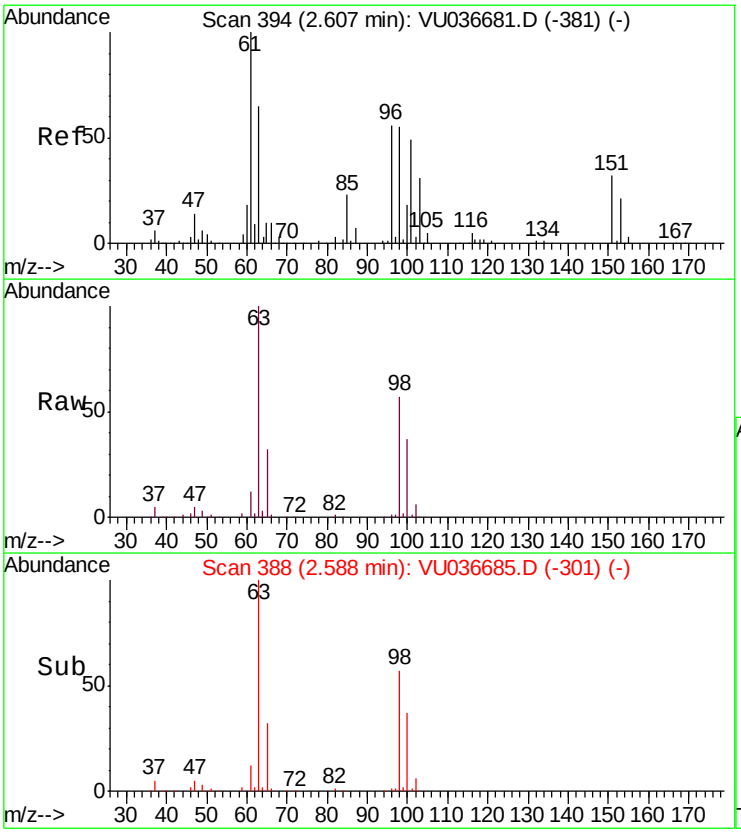
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.746 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.02 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Instrument : MSVOA_U
ClientSampleId : VBLK101

Tgt Ion:101 Resp: 1273

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.5	54.7#
151	0.0	52.6	78.8#

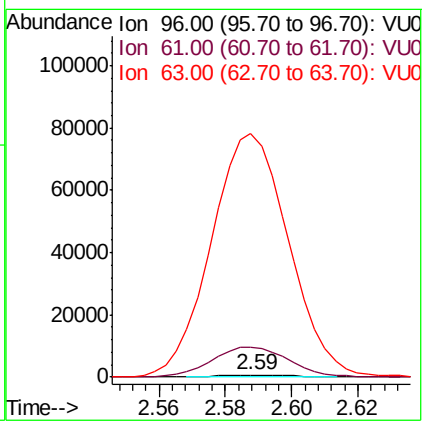


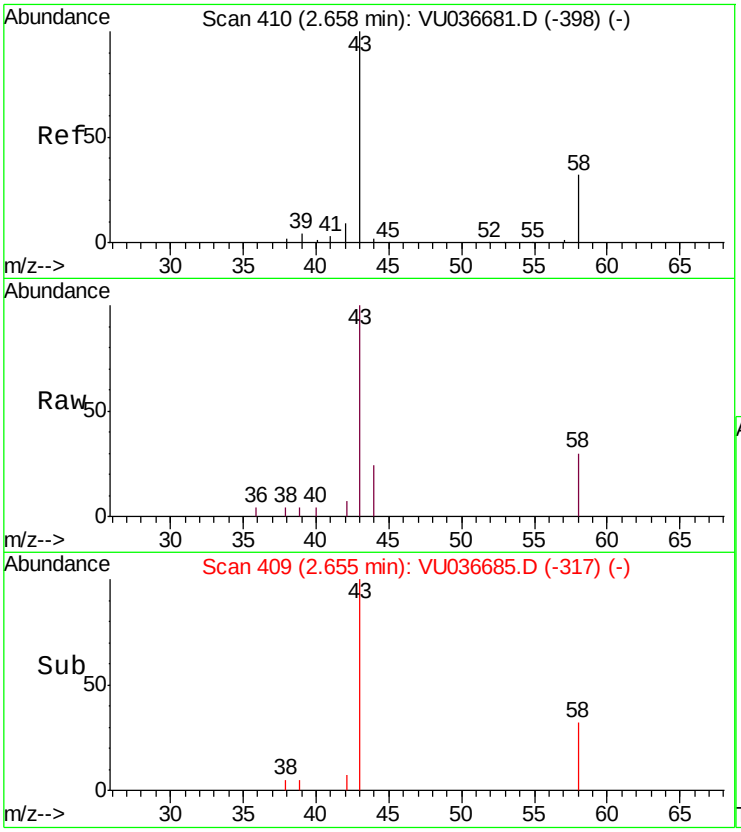


#12
1,1-Dichloroethene
Concen: 0.568 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.02 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Tgt Ion: 96 Resp: 943

Ion	Ratio	Lower	Upper
96	100		
61	1486.9	124.4	231.0#
63	12087.8	83.4	155.0#



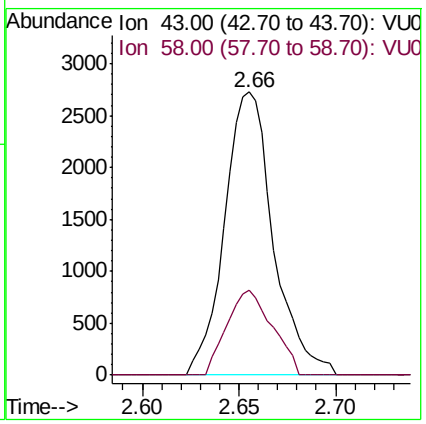


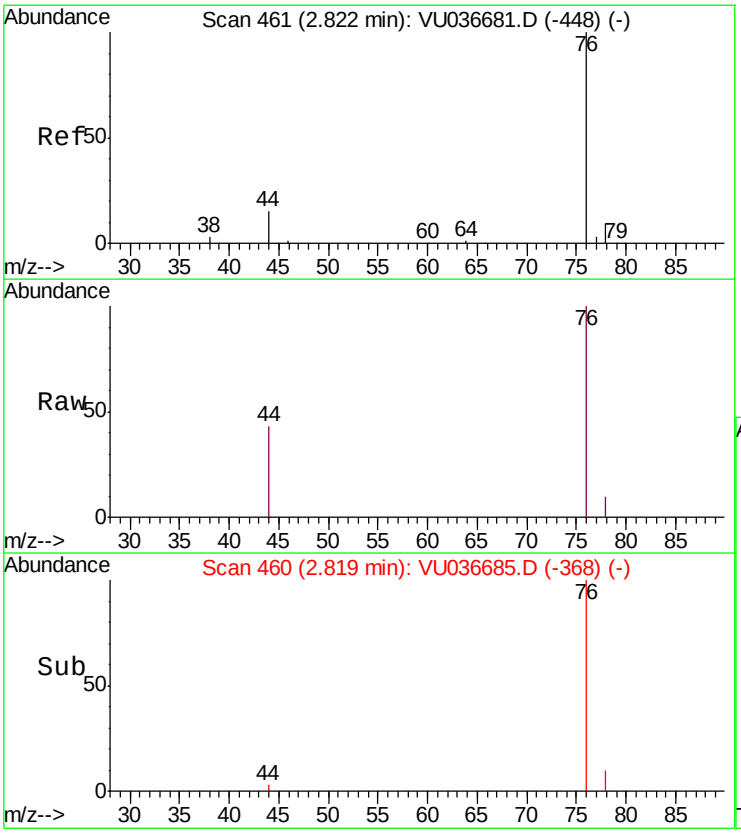
#13
Acetone
Concen: 2.905 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Instrument : MSVOA_U
ClientSampleId : VBLK101

Tgt Ion: 43 Resp: 4775

Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	64.0

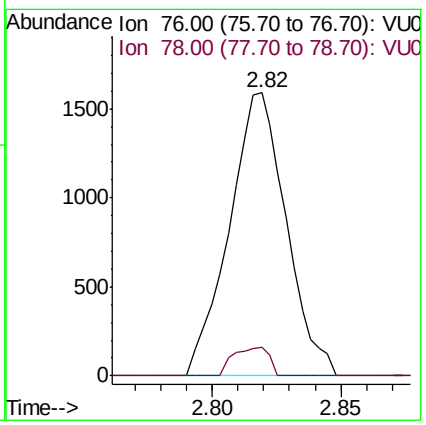


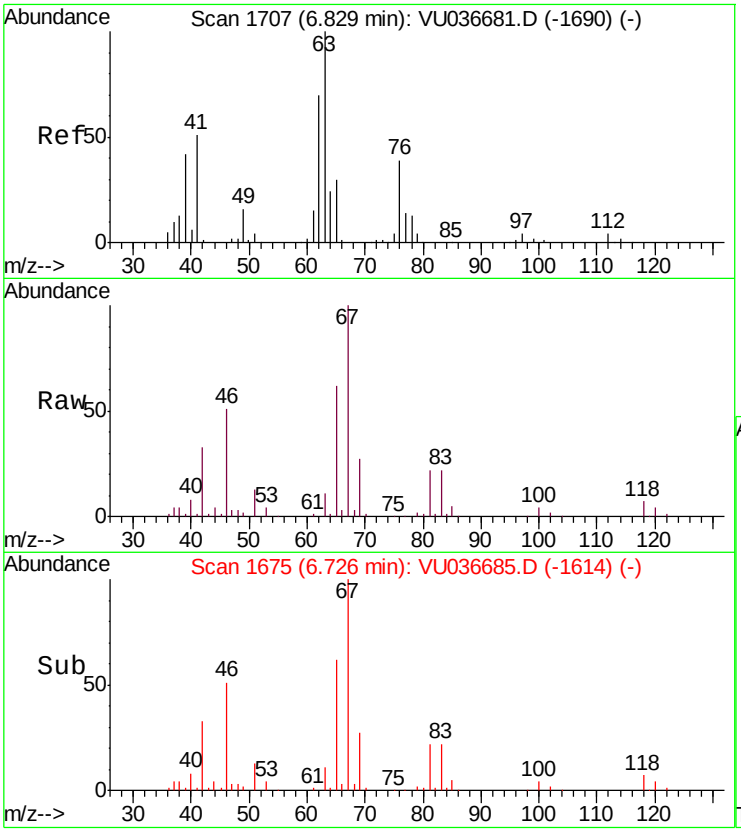


#14
Carbon disulfide
Concen: 0.494 ug/L
RT: 2.82 min Scan# 460
Delta R.T. -0.00 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Tgt Ion: 76 Resp: 2451

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.3	10.9



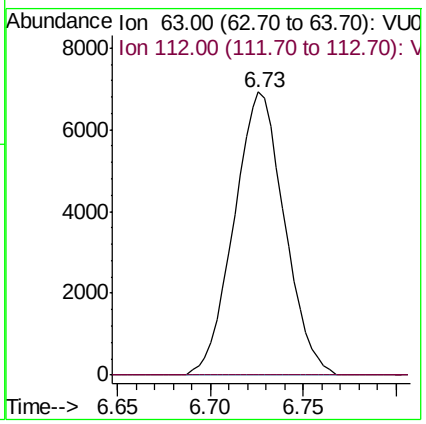


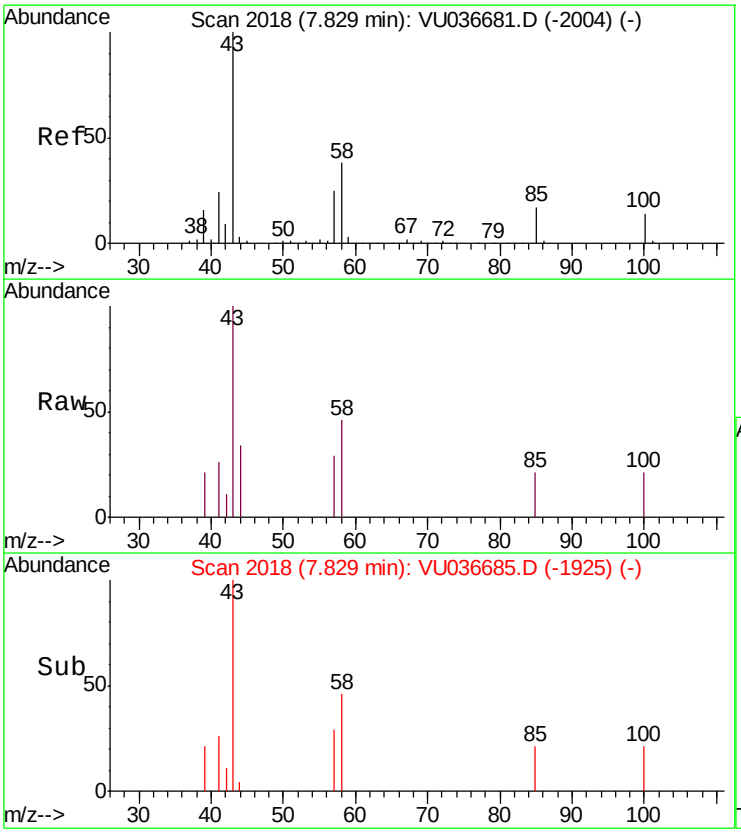
#37
1,2-Dichloropropane
Concen: 6.241 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK101

Tgt Ion: 63 Resp: 13063

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

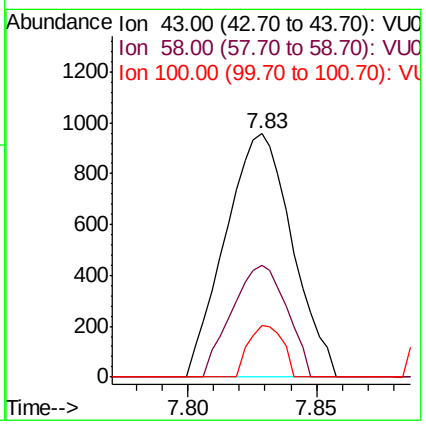


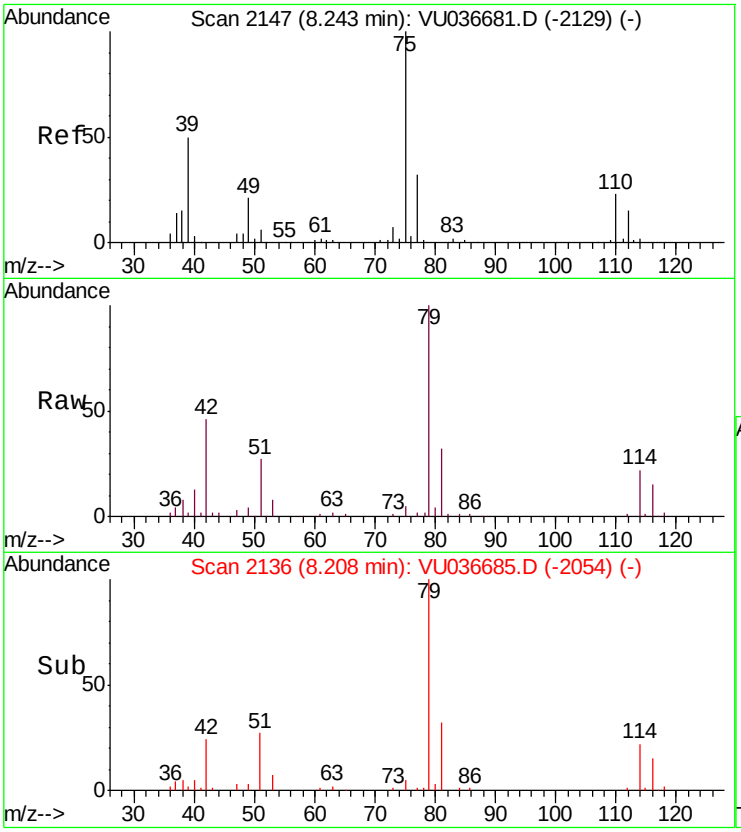


#40
4-Methyl-2-pentanone
Concen: 0.523 ug/L
RT: 7.83 min Scan# 2018
Delta R.T. -0.00 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Tgt Ion: 43 Resp: 1728

Ion	Ratio	Lower	Upper
43	100		
58	37.8	31.0	46.6
100	10.9	11.4	17.2#



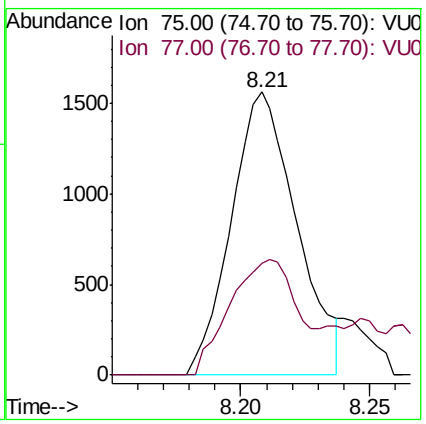


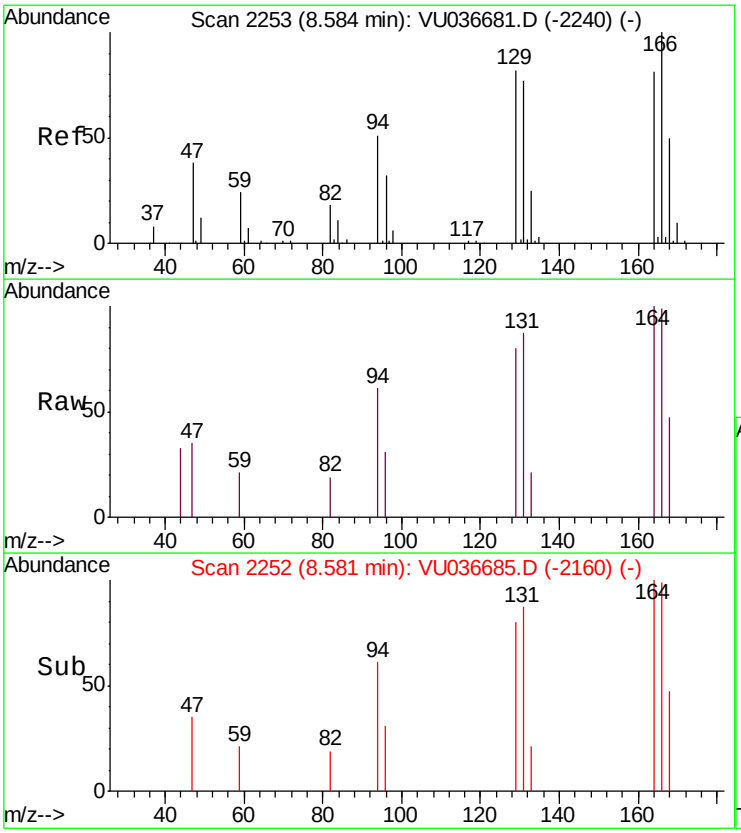
#44
trans-1,3-Dichloropropene
Concen: 0.947 ug/L
RT: 8.21 min Scan# 2136
Delta R.T. -0.04 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK101

Tgt Ion: 75 Resp: 2768

Ion	Ratio	Lower	Upper
75	100		
77	39.4	22.6	42.0

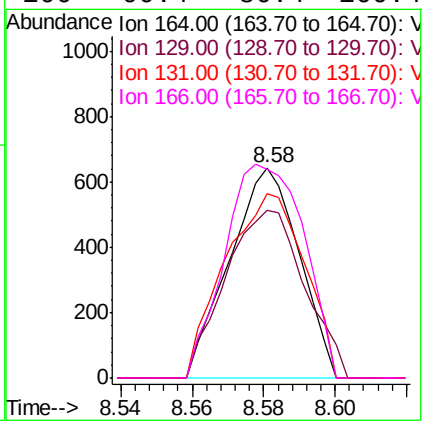


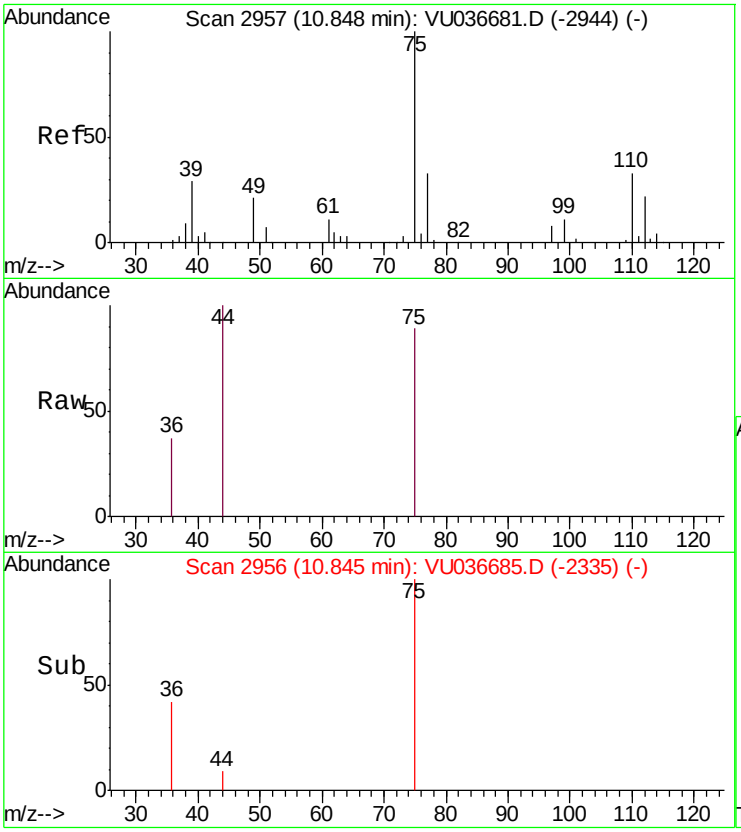


#46
Tetrachloroethene
Concen: 0.641 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Tgt Ion:164 Resp: 864

Ion	Ratio	Lower	Upper
164	100		
129	79.5	71.0	131.9
131	87.4	66.6	123.6
166	99.4	86.4	160.4



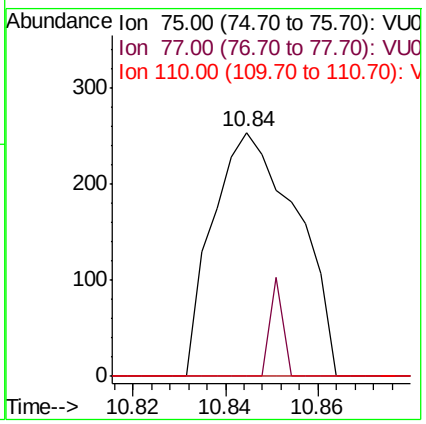


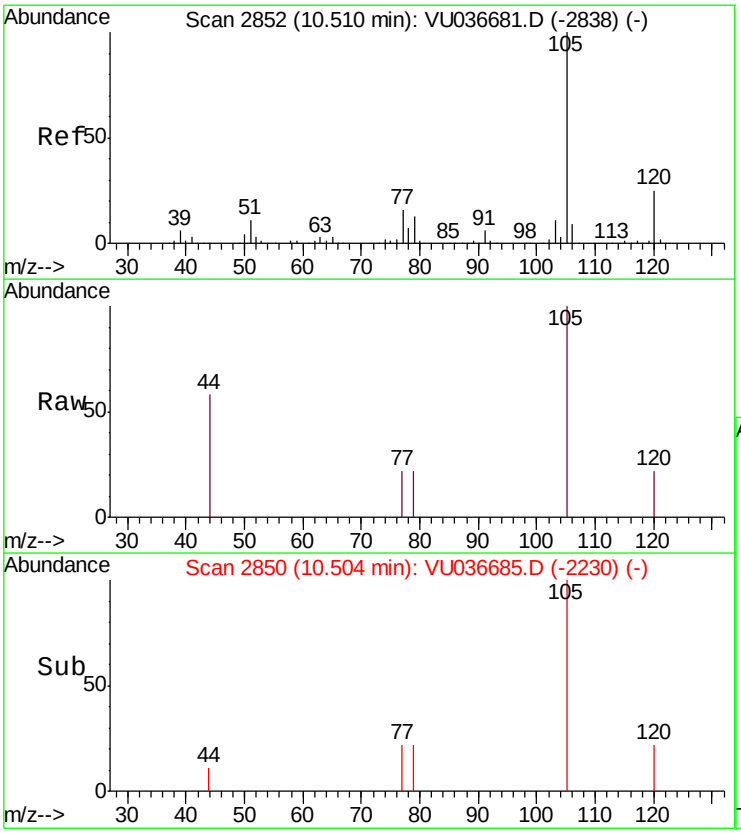
#60
1,2,3-Trichloropropane
Concen: 0.124 ug/L
RT: 10.84 min Scan# 2956
Delta R.T. -0.00 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK101

Tgt Ion: 75 Resp: 319

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.1	39.1#
110	0.0	26.9	40.3#

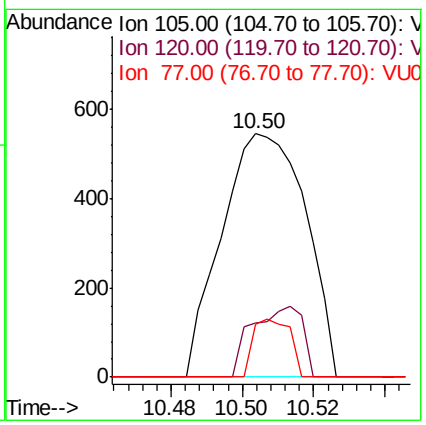


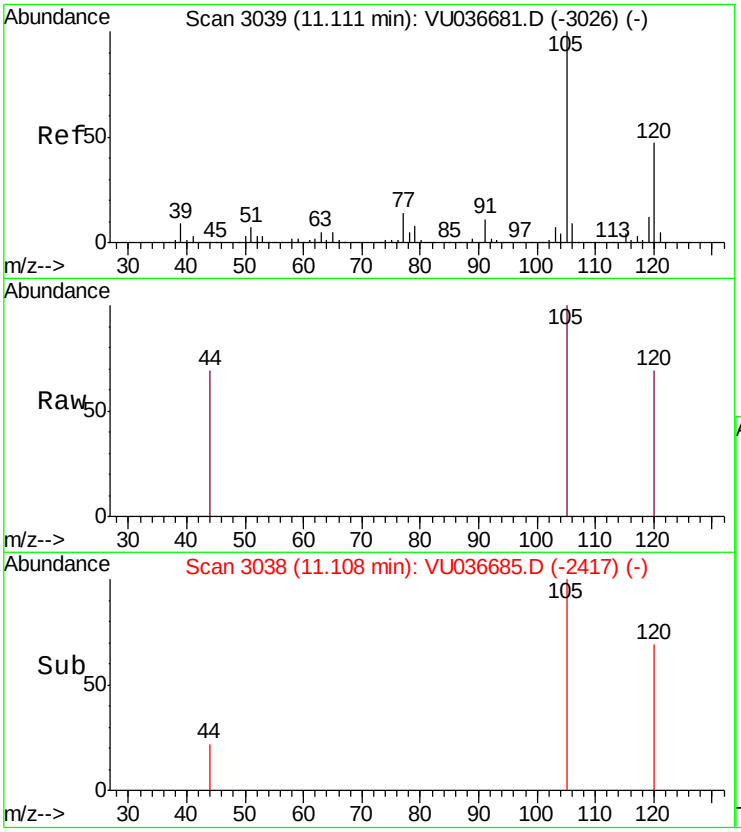


#61
Isopropylbenzene
Concen: 0.108 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. -0.01 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Tgt Ion:105 Resp: 886

Ion	Ratio	Lower	Upper
105	100		
120	12.4	20.2	30.4#
77	10.5	13.0	19.6#



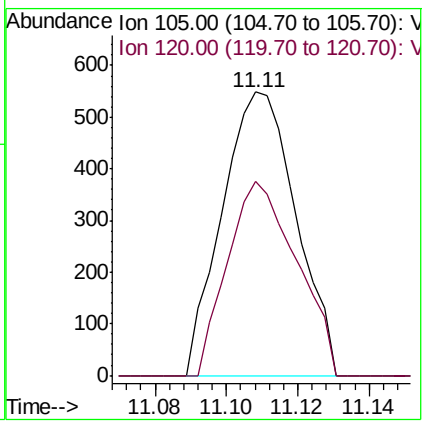


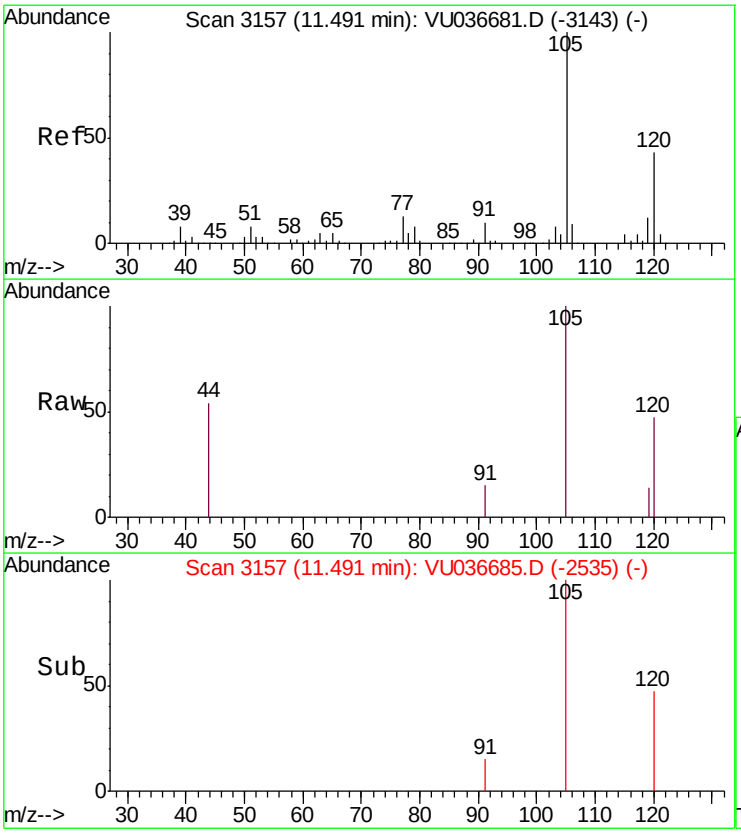
#62
1,3,5-Trimethylbenzene
Concen: 0.112 ug/L
RT: 11.11 min Scan# 3038
Delta R.T. -0.00 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK101

Tgt Ion:105 Resp: 783

Ion	Ratio	Lower	Upper
105	100		
120	64.2	37.1	55.7#

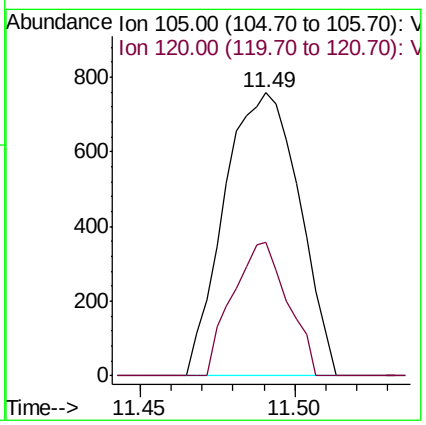


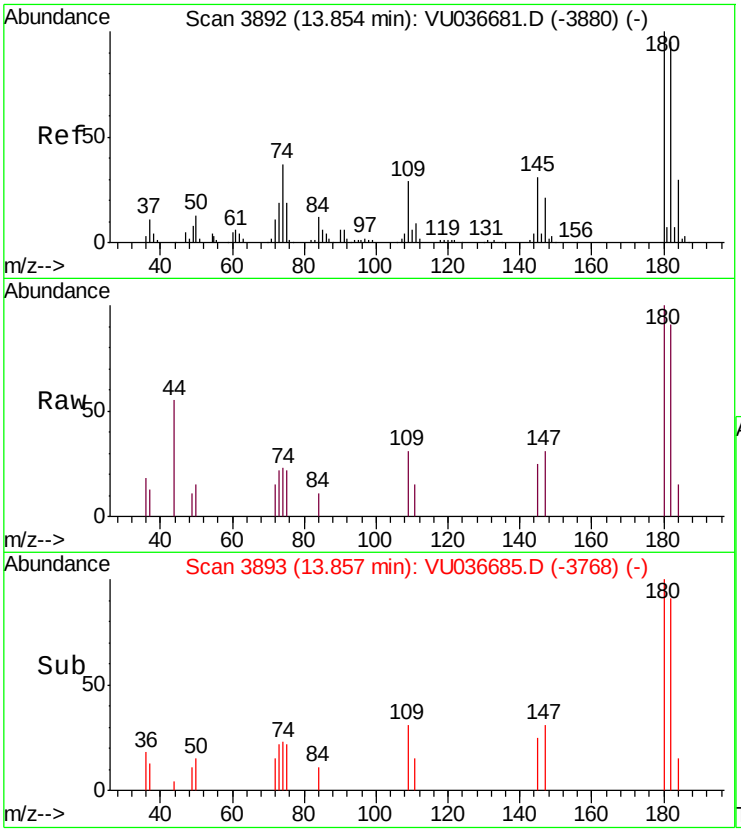


#63
1,2,4-Trimethylbenzene
Concen: 0.182 ug/L
RT: 11.49 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Tgt Ion:105 Resp: 1272

Ion	Ratio	Lower	Upper
105	100		
120	34.8	34.7	52.1



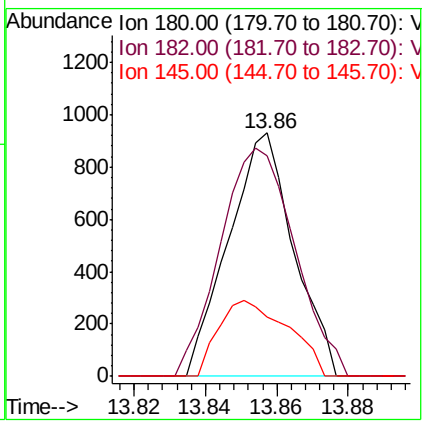


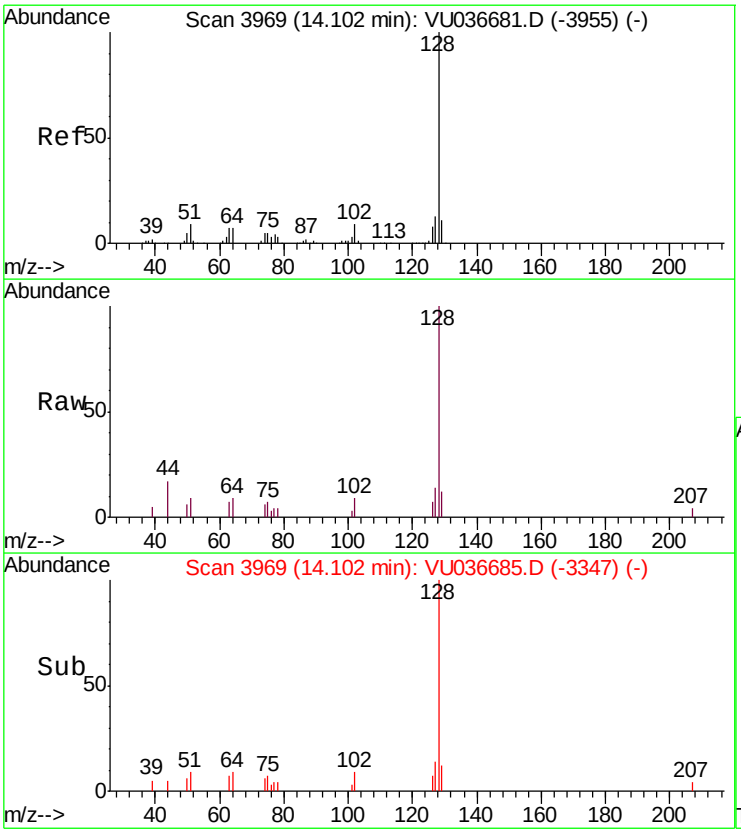
#70
1,2,4-trichlorobenzene
Concen: 0.592 ug/L
RT: 13.86 min Scan# 3893
Delta R.T. 0.00 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK101

Tgt Ion:180 Resp: 1175

Ion	Ratio	Lower	Upper
180	100		
182	107.6	76.1	114.1
145	33.3	25.7	38.5

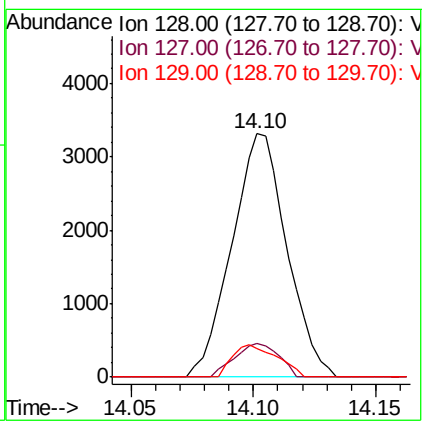


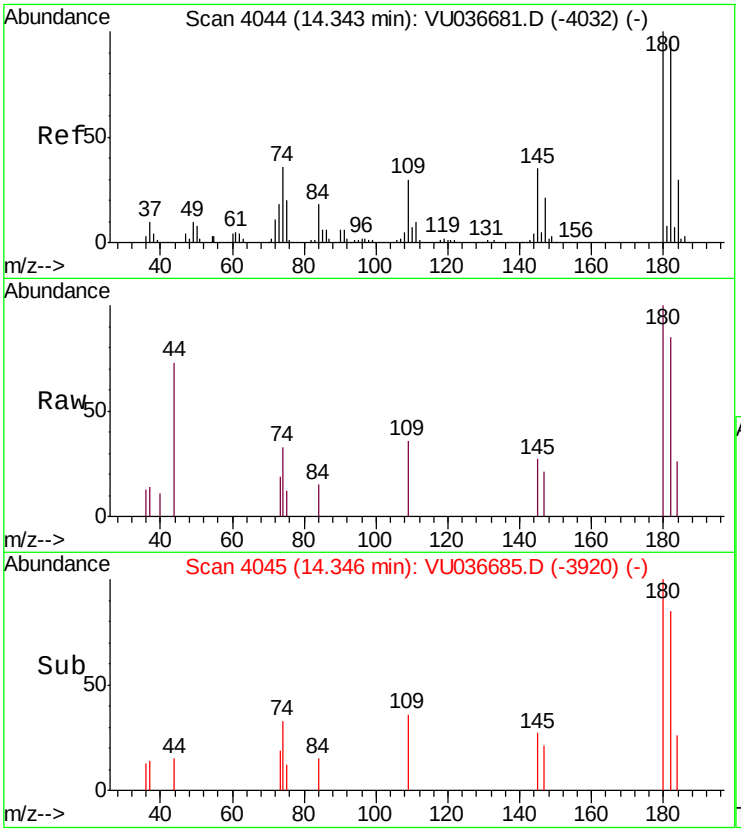


#71
Naphthalene
Concen: 0.739 ug/L
RT: 14.10 min Scan# 3969
Delta R.T. -0.00 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Tgt Ion:128 Resp: 5176

Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.6	16.0
129	10.9	8.5	12.7





#72
1,2,3-Trichlorobenzene
Concen: 0.641 ug/L
RT: 14.35 min Scan# 4045
Delta R.T. 0.00 min
Lab File: VU036685.D
Acq: 06 Feb 2020 14:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK101

Tgt Ion:180 Resp: 1269

Ion	Ratio	Lower	Upper
180	100		
182	90.1	76.8	115.2
145	24.3	27.5	41.3#