Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\

Quantitation Report (Not Reviewed)

Data File : VU029055.D
Acq On : 07 Jan 2019 13:22
Operator : MD/SY
Sample : VIBLK-40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Time: Jan 08 01:42:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 01:37:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	228789	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	220662	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99740	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	94024	51.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.52%			
7) Chloroethane-d5	1.68	69	73362	51.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.56%			
11) 1,1-Dichloroethene-d2	2.27	63	112830	36.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.16%			
21) 2-Butanone-d5	4.17	46	113931	88.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.66%			
24) Chloroform-d	4.65	84	138019	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.70%			
26) 1,2-Dichloroethane-d4	5.31	65	85515	48.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.20%			
32) Benzene-d6	5.34	84	305086	48.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.88%			
36) 1,2-Dichloropropane-d6	6.33	67	102239	48.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.56%			
41) Toluene-d8	7.56	98	274630	48.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.22%			
43) trans-1,3-Dichloropropene-	7.85	79	46667	49.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.36%			
47) 2-Hexanone-d5	8.31	63	83675	83.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.19%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132622	45.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.28%			
64) 1,2-Dichlorobenzene-d4	11.86	152	100736	49.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.88%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1663	0.656	ug/L	96
8) Chloroethane	1.40	64	1234	0.965	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1080	0.728	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	807	0.550	ug/L #	1
33) Benzene	5.39	78	12404	1.766	ug/L	100
35) Methylcyclohexane	6.33	83	21393	7.573	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	9499	4.837	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	2280	0.814	ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	1574	0.631	ug/L	94
48) 2-Hexanone	8.36	43	2461	1.136	ug/L #	84
51) Chlorobenzene	9.12	112	83747	18.660	ug/L	98
59) 1,2,3-Trichloropropane	11.42	75	2279	0.972	ug/L #	43
62) 1,3-Dichlorobenzene	11.42	146	7910	2.497	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	69452	21.276	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	89272	27.010	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	41154	17.617	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	41154	21.037	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\

Quantitation Report (Not Reviewed)

Data File : VU029055.D
Acq On : 07 Jan 2019 13:22
Operator : MD/SY
Sample : VIBLK-40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Time: Jan 08 01:42:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 01:37:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.99	180	16734	7.933	ug/L	97

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

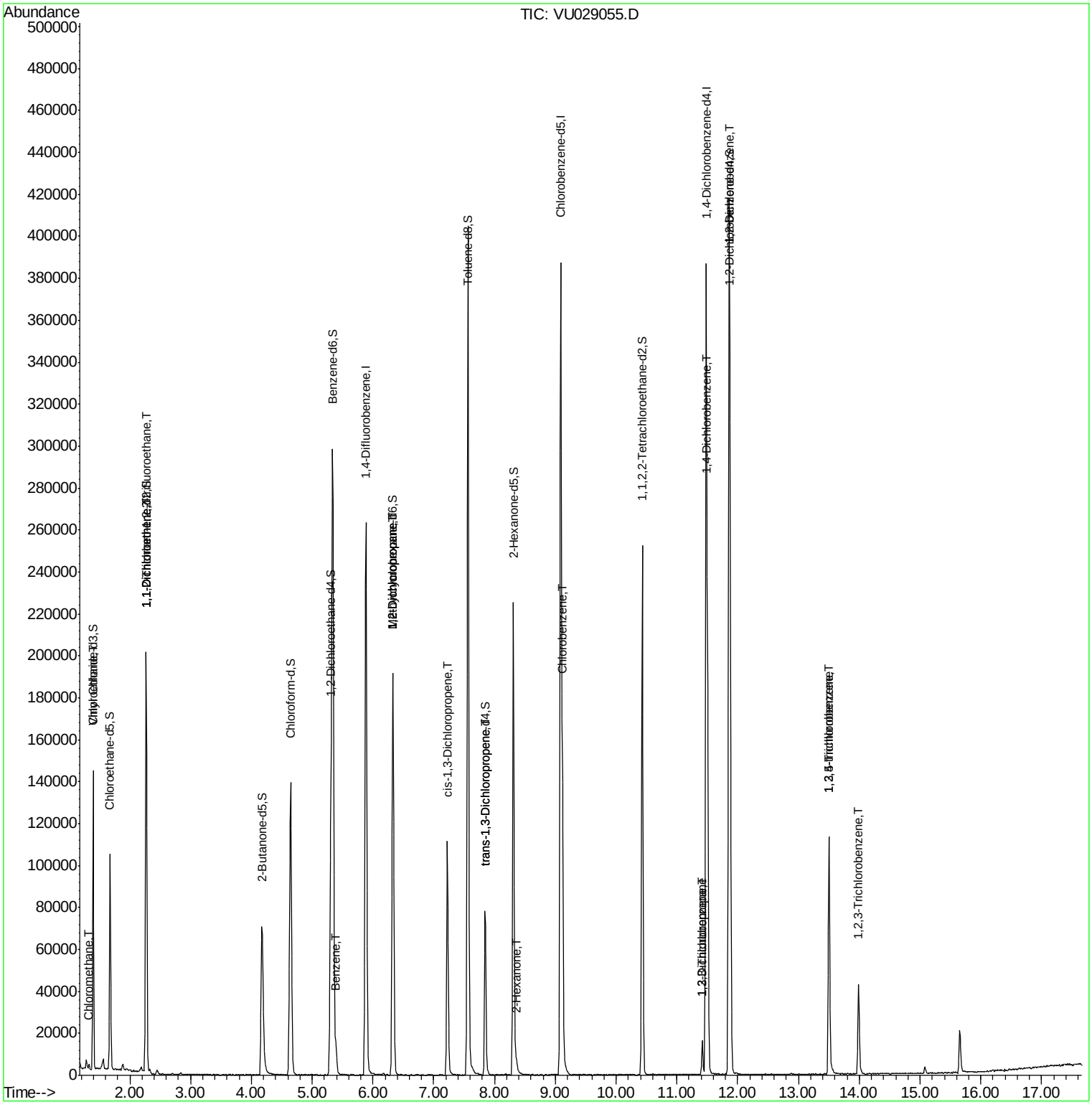
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\

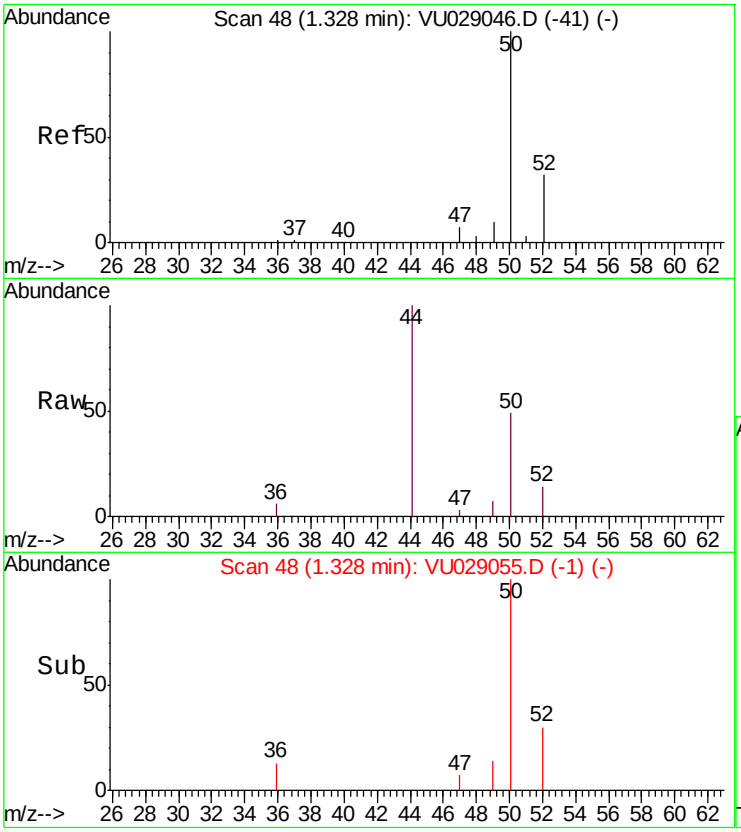
Quantitation Report (Not Reviewed)

Data File : VU029055.D
Acq On : 07 Jan 2019 13:22
Operator : MD/SY
Sample : VIBLK-40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Quant Time: Jan 08 01:42:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 01:37:07 2019
Response via : Initial Calibration



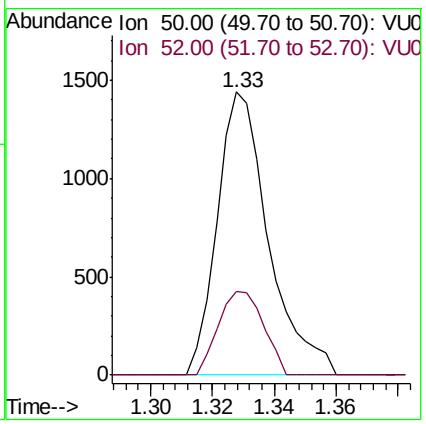


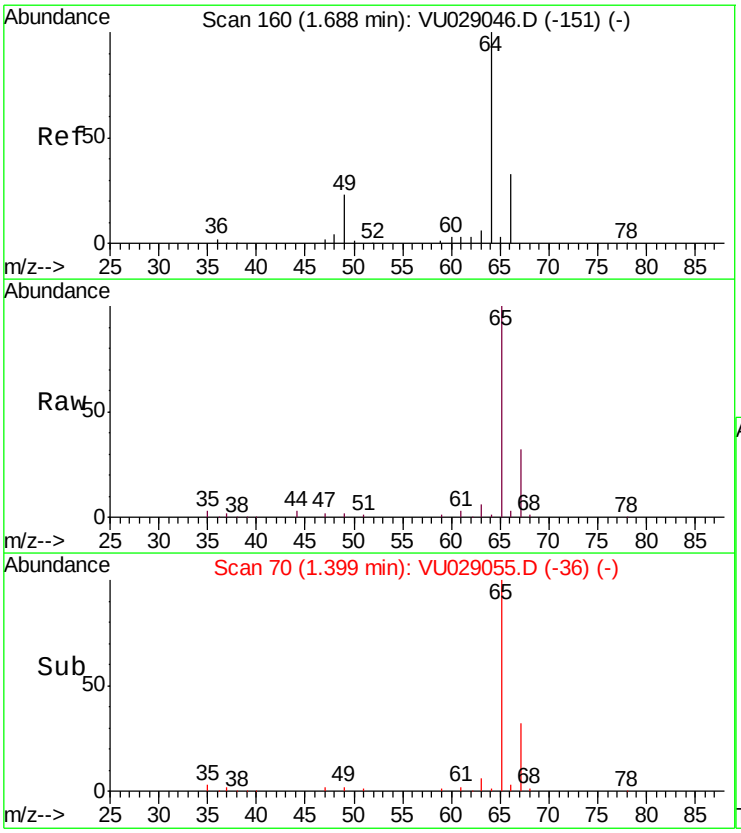
#3
Chloromethane
Concen: 0.656 ug/L
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 50 Resp: 1663

Ion	Ratio	Lower	Upper
50	100		
52	29.6	22.3	41.3

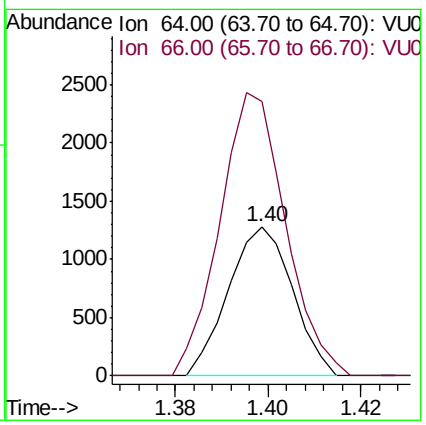


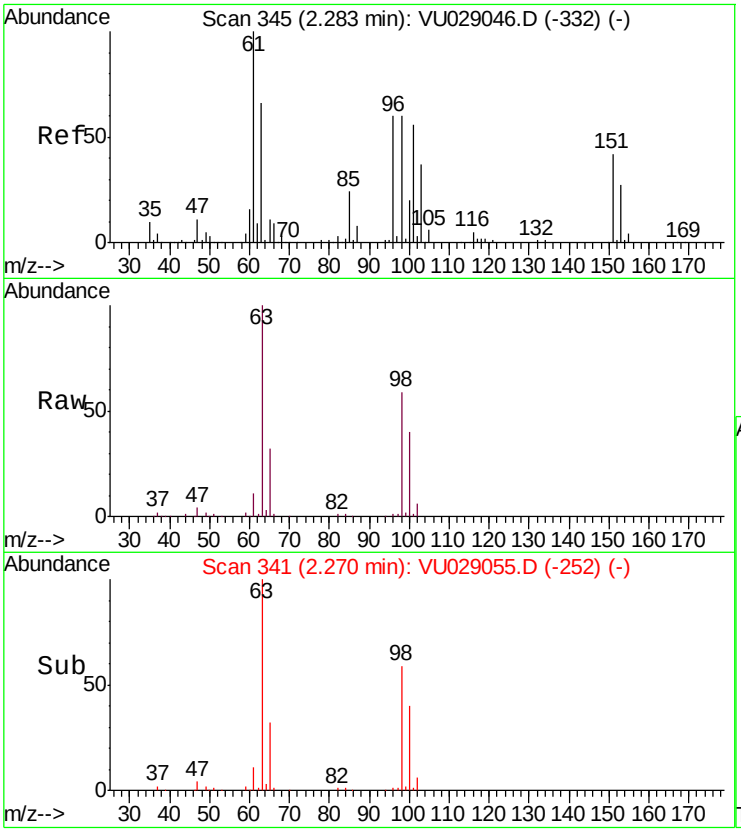


#8
Chloroethane
Concen: 0.965 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Tgt Ion: 64 Resp: 1234

Ion	Ratio	Lower	Upper
64	100		
66	183.9	21.5	39.9#



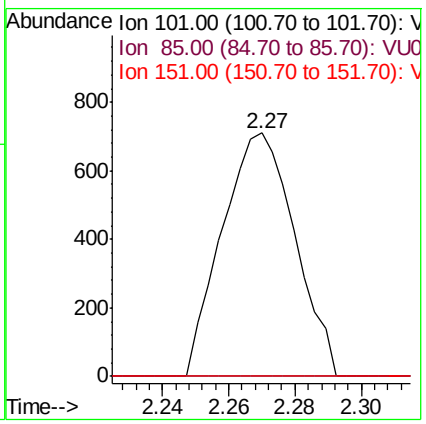


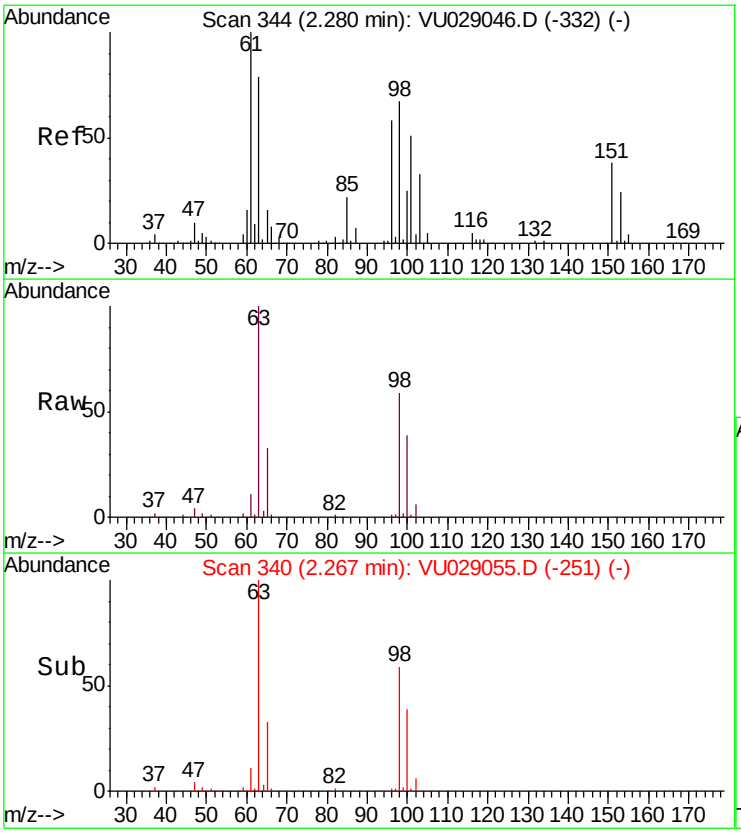
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.728 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Tgt Ion:101 Resp: 1080

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	59.4	89.0#

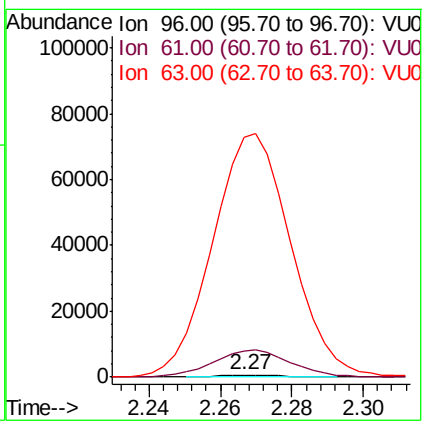


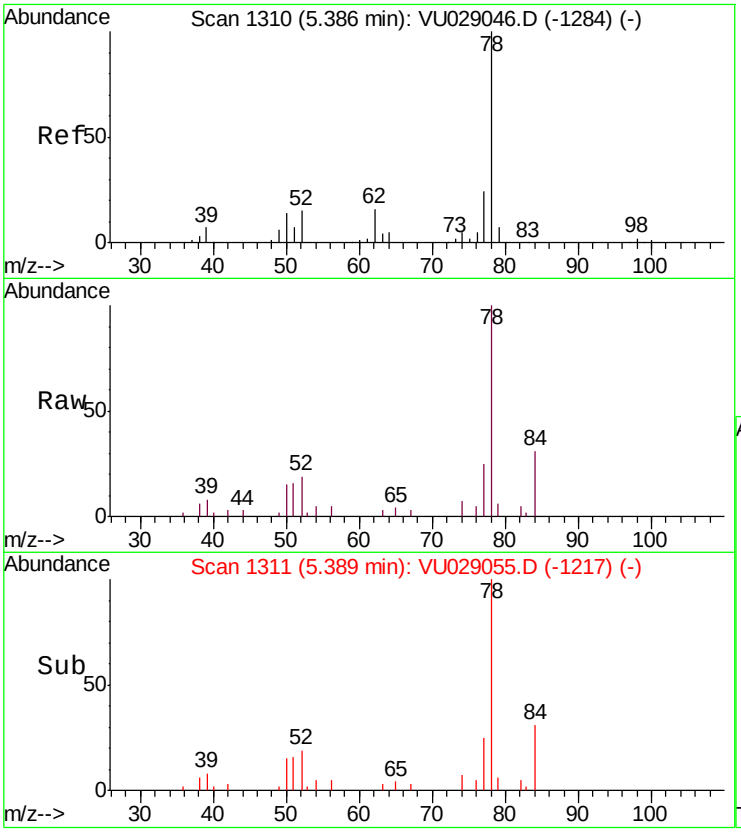


#12
1,1-Dichloroethene
Concen: 0.550 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.01 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Tgt Ion: 96 Resp: 807

Ion	Ratio	Lower	Upper
96	100		
61	1383.8	119.3	221.5#
63	12485.2	107.4	199.6#

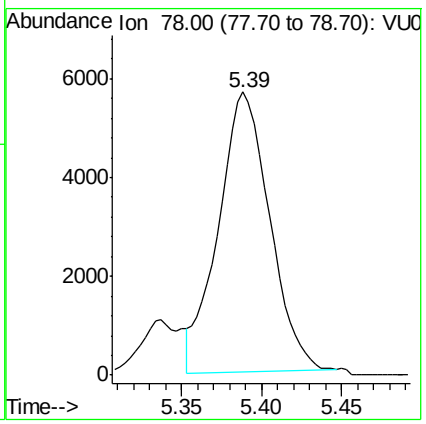


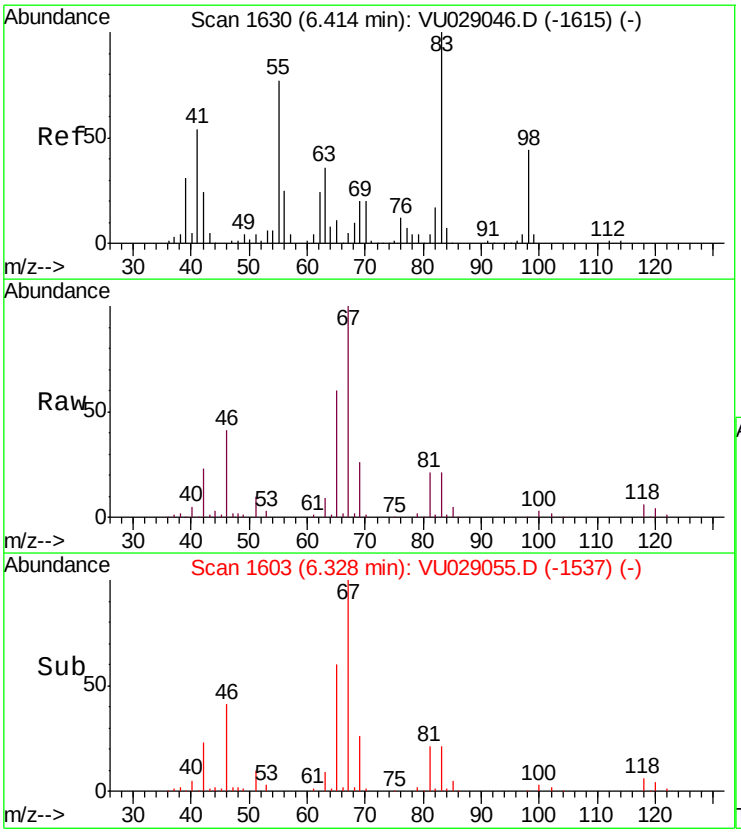


#33
Benzene
Concen: 1.766 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 78 Resp: 12404

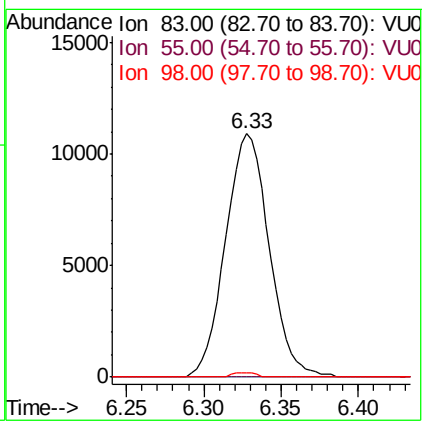


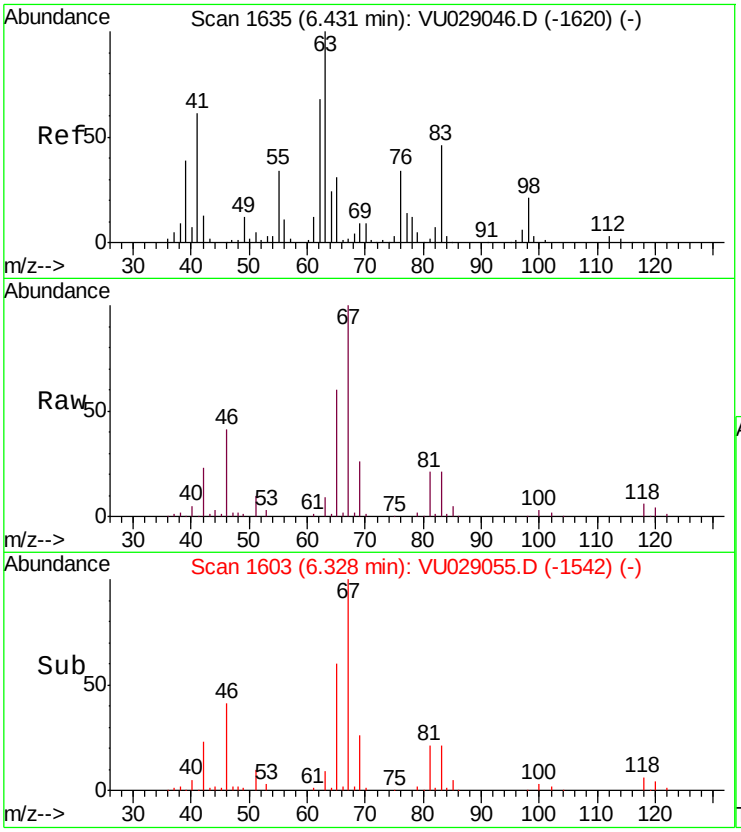


#35
Methylcyclohexane
Concen: 7.573 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Tgt Ion: 83 Resp: 21393

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.7	95.5#
98	0.2	35.6	53.4#



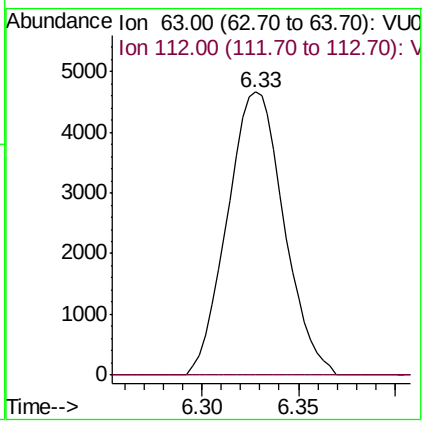


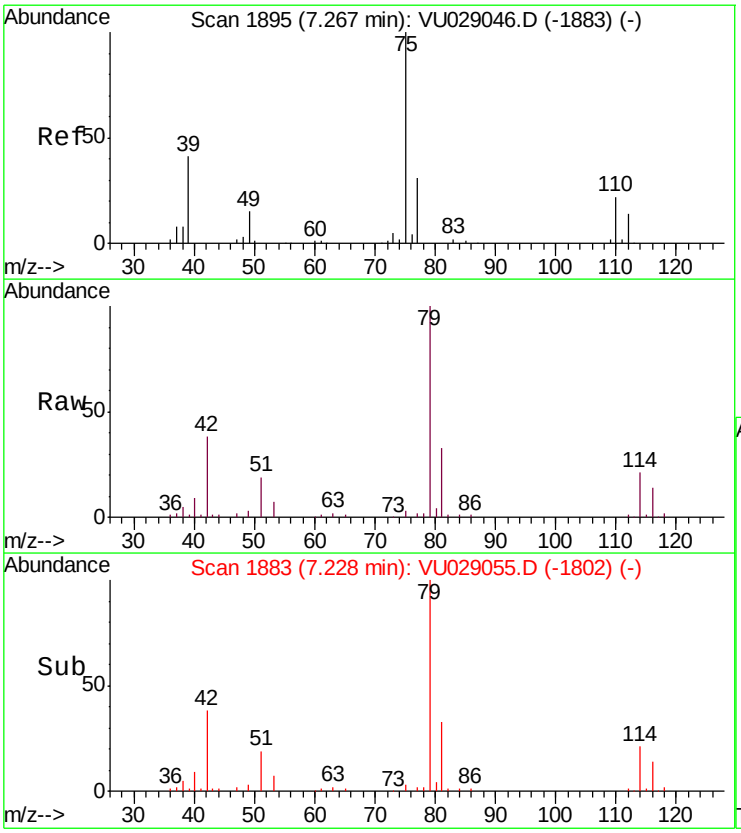
#37
1,2-Dichloropropane
Concen: 4.837 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Tgt Ion: 63 Resp: 9499

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

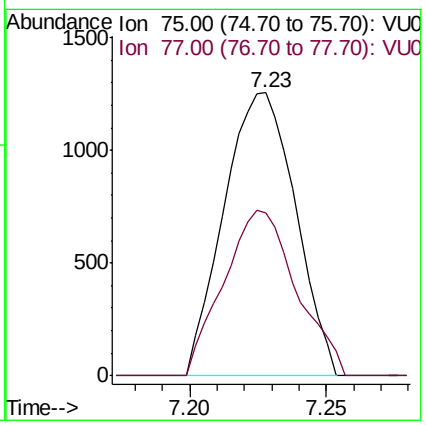


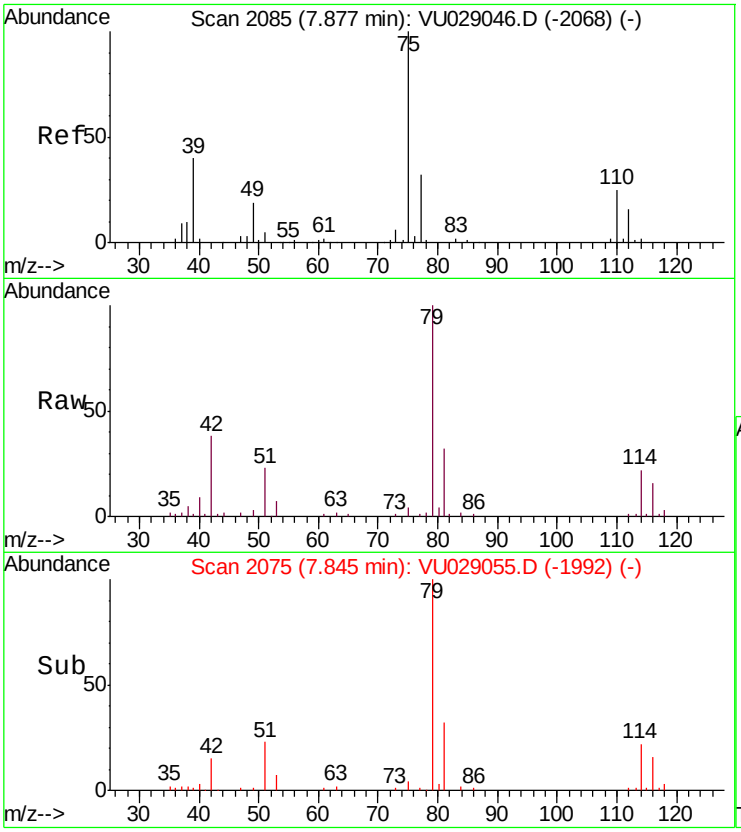


#39
cis-1,3-Dichloropropene
Concen: 0.814 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Tgt Ion: 75 Resp: 2280

Ion	Ratio	Lower	Upper
75	100		
77	57.8	21.8	40.6#



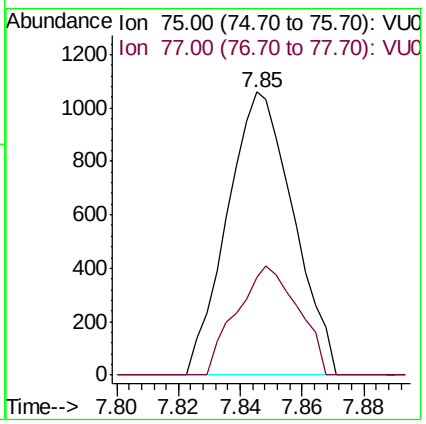


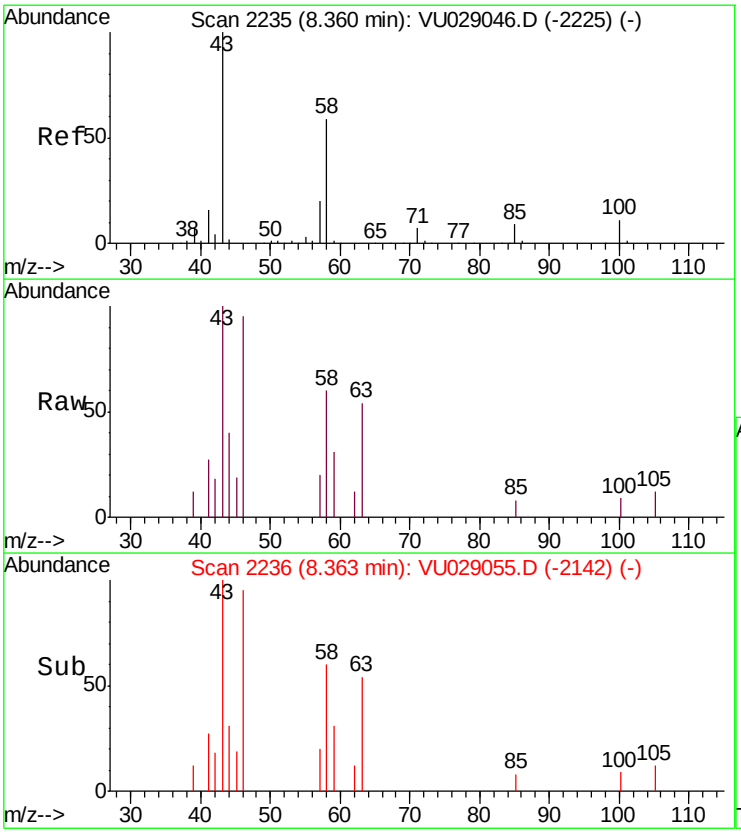
#44
trans-1,3-Dichloropropene
Concen: 0.631 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 75 Resp: 1574

Ion	Ratio	Lower	Upper
75	100		
77	34.7	21.8	40.6

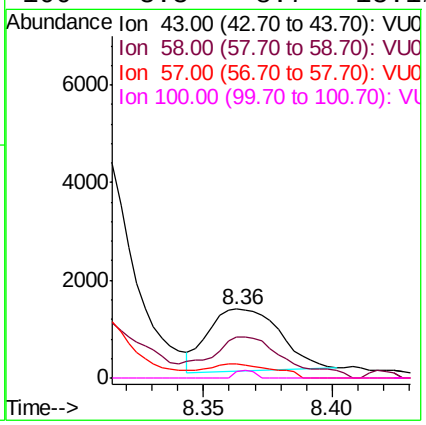


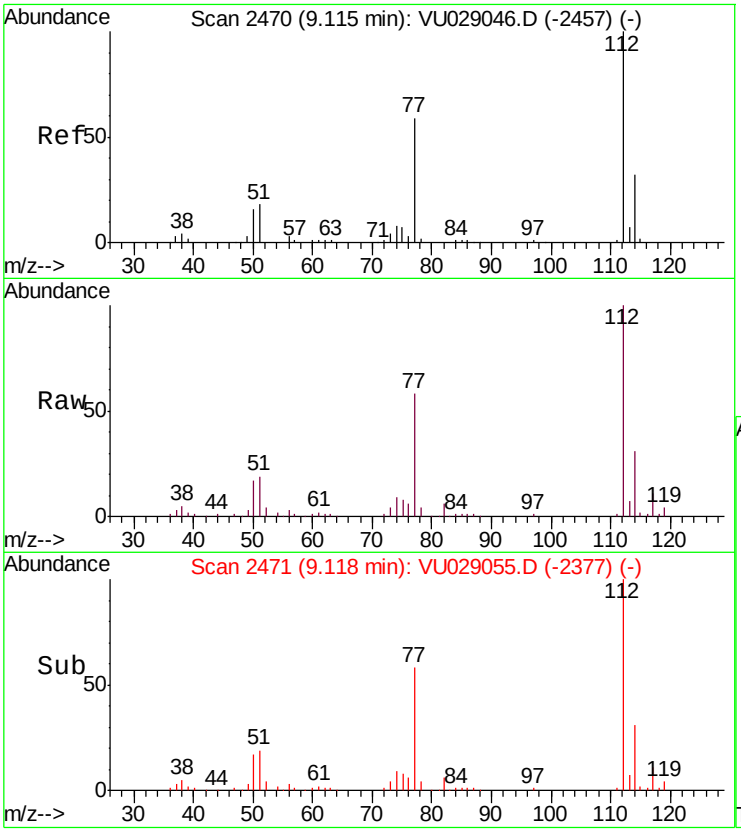


#48
2-Hexanone
Concen: 1.136 ug/L
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Tgt Ion: 43 Resp: 2461

Ion	Ratio	Lower	Upper
43	100		
58	47.9	45.9	68.9
57	8.6	15.0	22.4#
100	3.3	8.7	13.1#



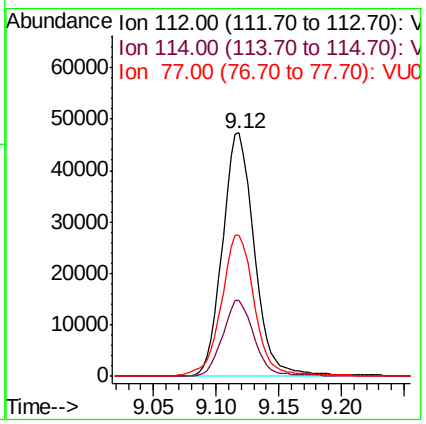


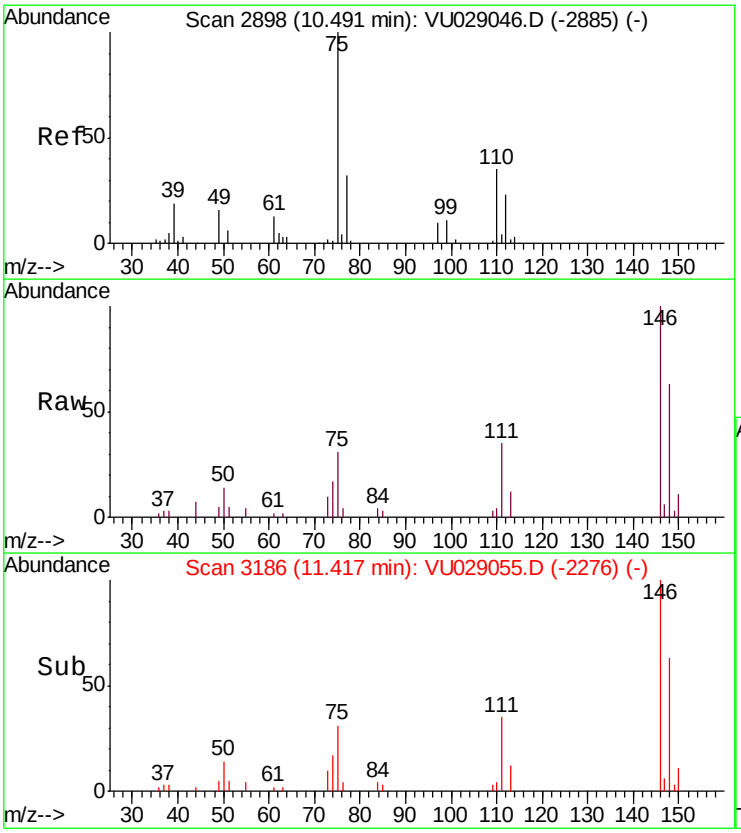
#51
Chlorobenzene
Concen: 18.660 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion:112 Resp: 83747

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.2	41.2
77	58.3	47.8	71.8

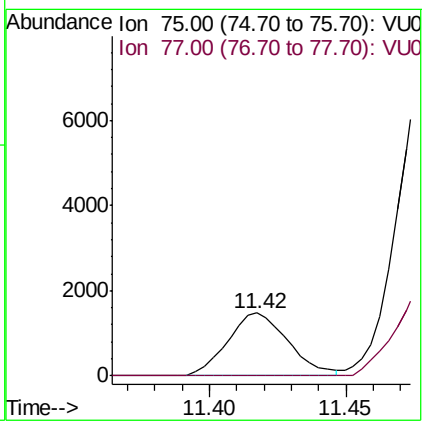


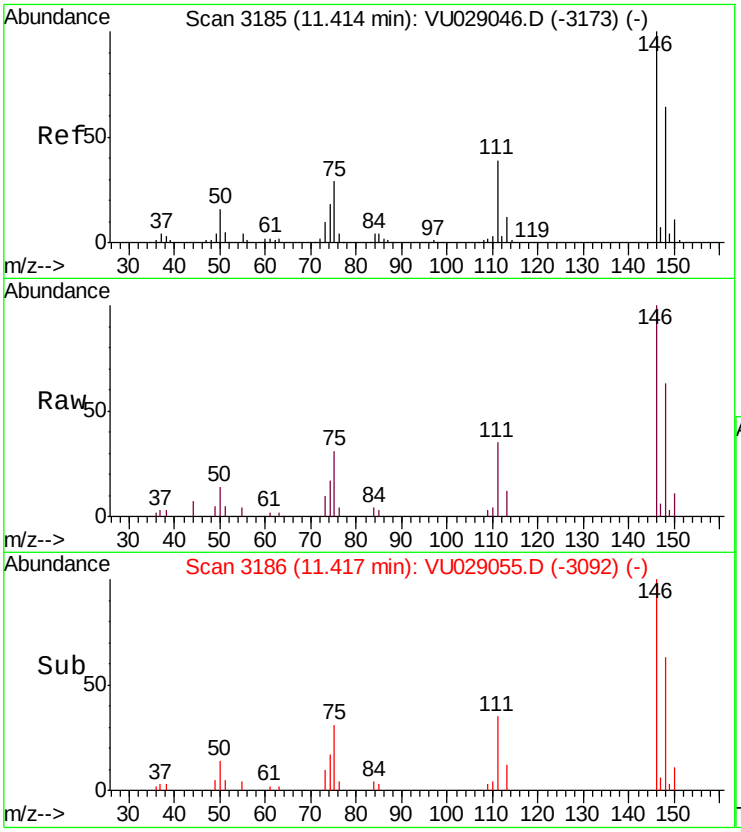


#59
1,2,3-Trichloropropane
Concen: 0.972 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.93 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Tgt Ion: 75 Resp: 2279

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#



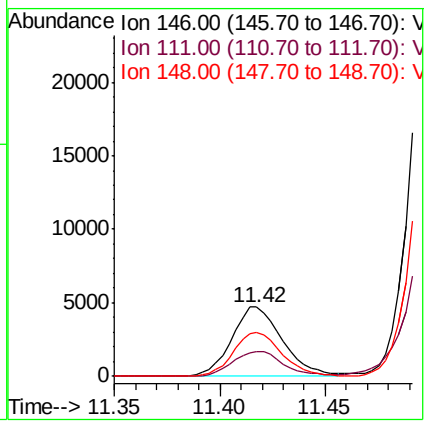


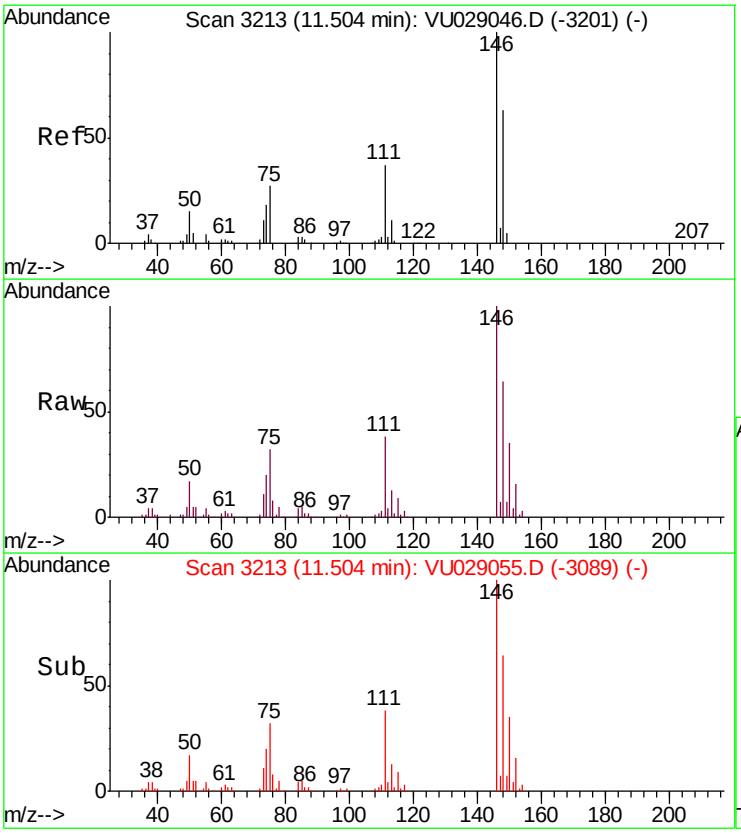
#62
1,3-Dichlorobenzene
Concen: 2.497 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion:146 Resp: 7910

Ion	Ratio	Lower	Upper
146	100		
111	35.4	27.4	50.8
148	62.7	44.2	82.2

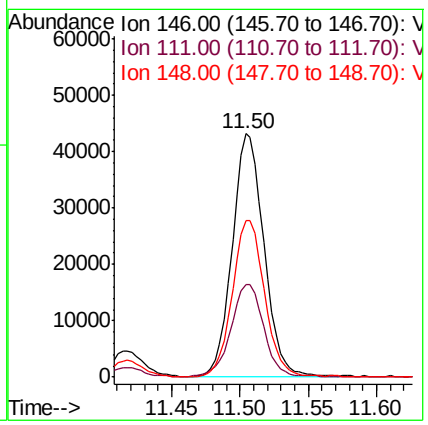


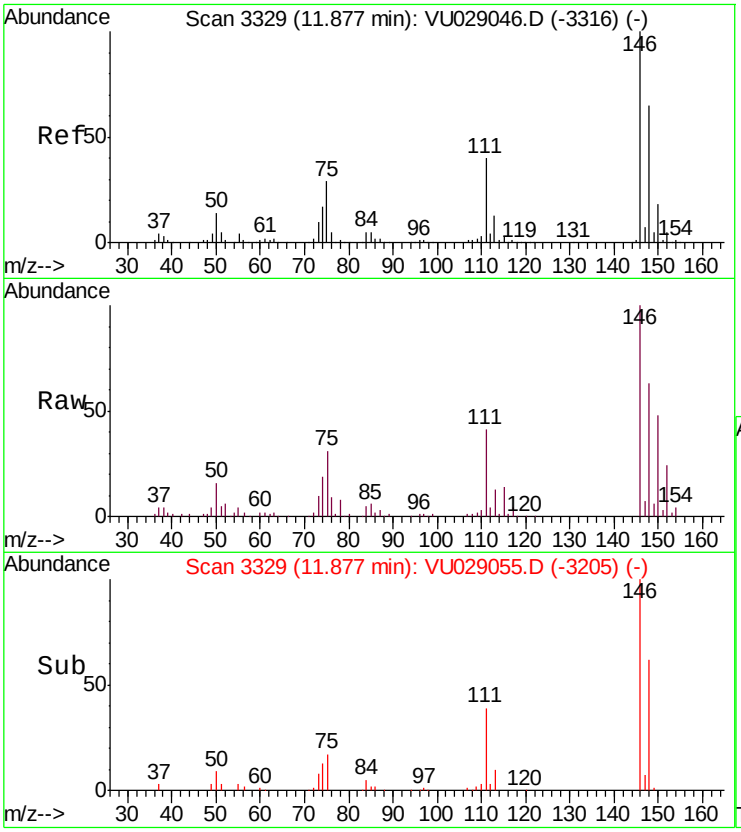


#63
1,4-Dichlorobenzene
Concen: 21.276 ug/L
RT: 11.50 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Tgt Ion:146 Resp: 69452

Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.5	49.1
148	64.3	45.1	83.9



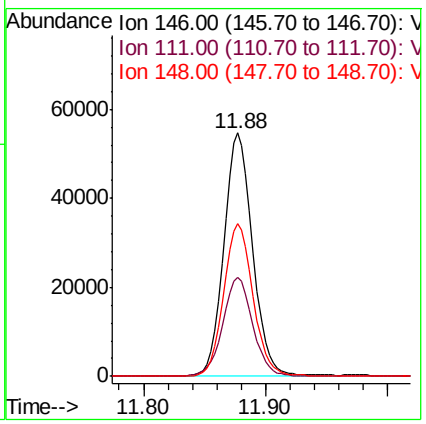


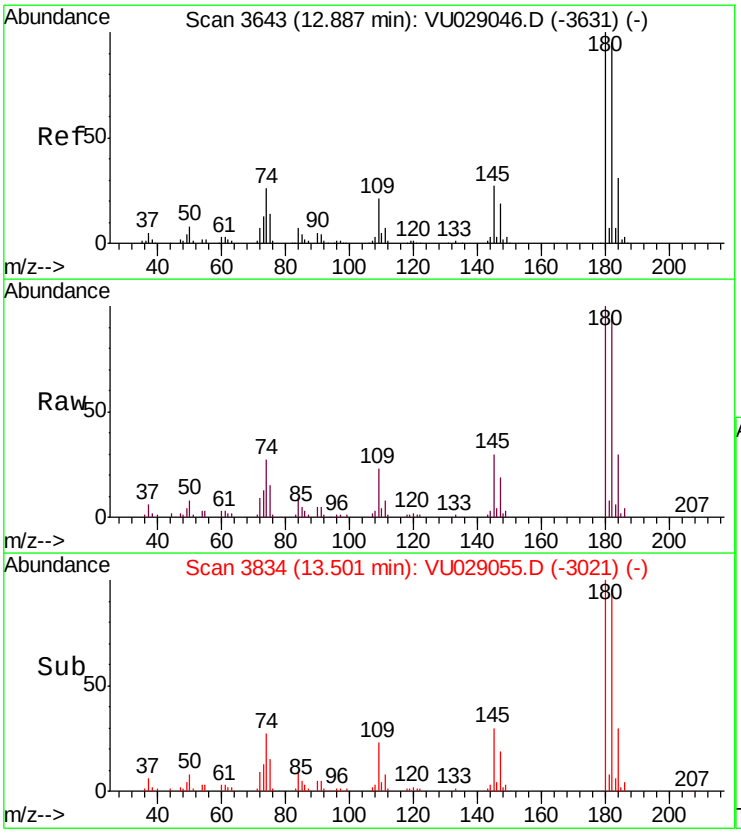
#65
1,2-Dichlorobenzene
Concen: 27.010 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Tgt Ion:146 Resp: 89272

Ion	Ratio	Lower	Upper
146	100		
111	40.7	32.1	48.1
148	62.7	49.7	74.5

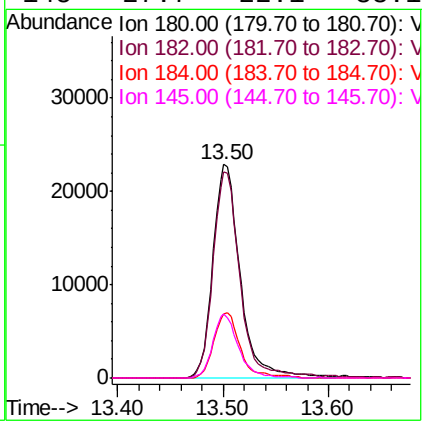


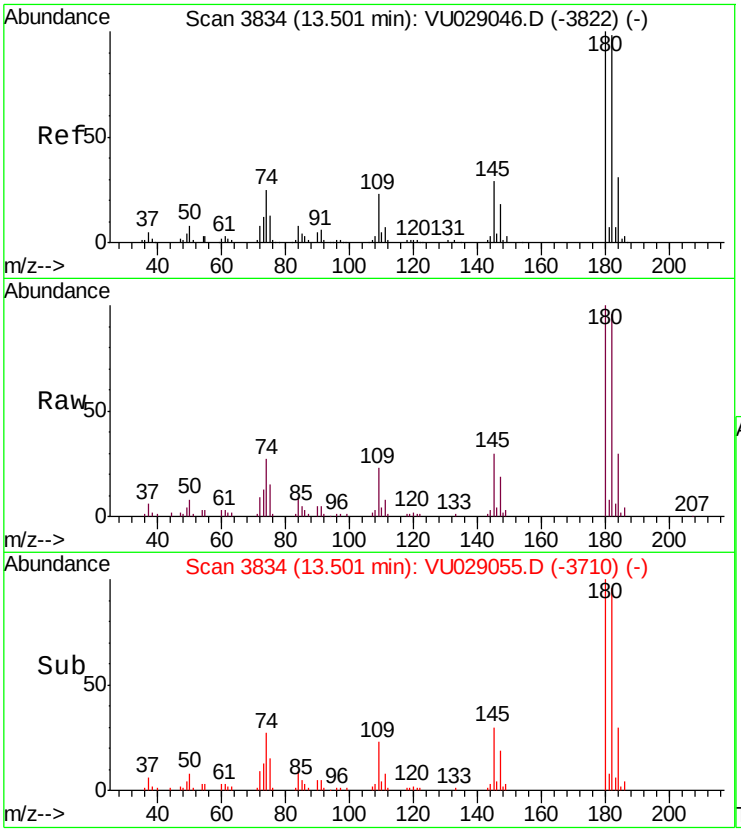


#67
1,3,5-Trichlorobenzene
Concen: 17.617 ug/L
RT: 13.50 min Scan# 3834
Delta R.T. 0.61 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Tgt Ion:180 Resp: 41154

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.4	114.6
184	29.5	24.6	36.8
145	27.7	22.1	33.1



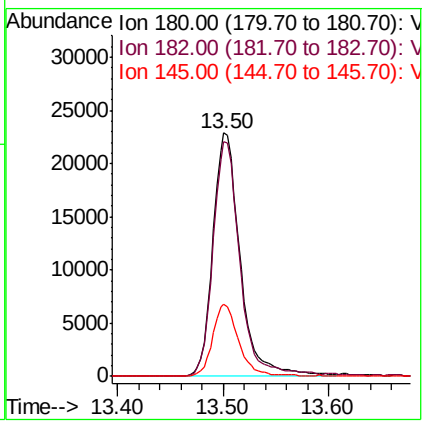


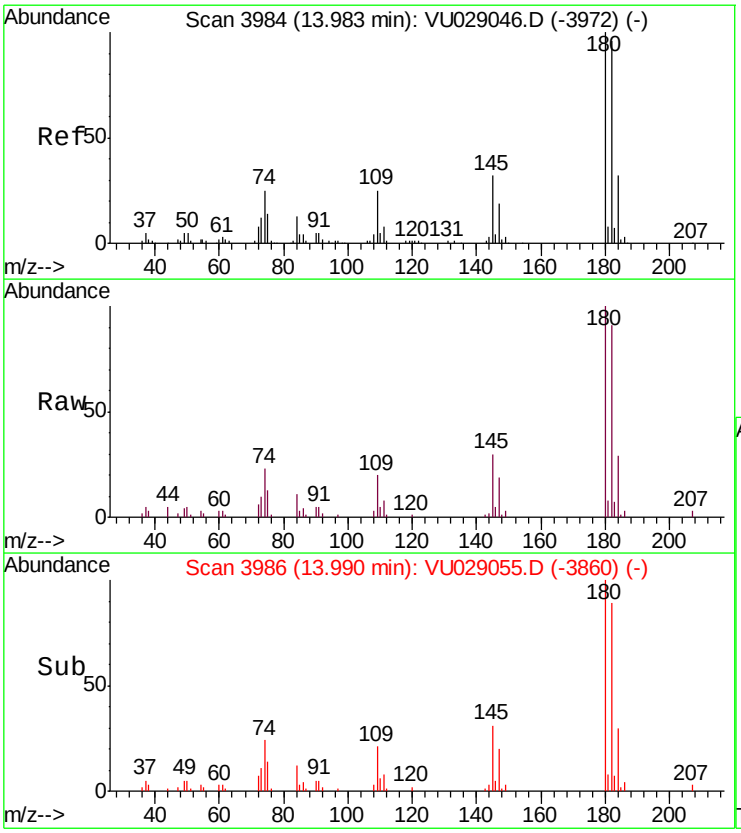
#68
1,2,4-trichlorobenzene
Concen: 21.037 ug/L
RT: 13.50 min Scan# 3834
Delta R.T. -0.00 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion:180 Resp: 41154

Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.4	116.0
145	27.7	23.5	35.3





#70
1,2,3-Trichlorobenzene
Concen: 7.933 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.01 min
Lab File: VU029055.D
Acq: 07 Jan 2019 13:22

Tgt Ion:180 Resp: 16734

Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.8	113.8
145	29.1	24.5	36.7