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

Quantitation Report (Not Reviewed)

Data File : VU029051.D
Acq On : 07 Jan 2019 11:39
Operator : MD/SY
Sample : K1048-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0947

Quant Time: Jan 08 01:40:58 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	190660	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	178887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75301	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	75149	49.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.34%			
7) Chloroethane-d5	1.67	69	59071	50.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.06%			
11) 1,1-Dichloroethene-d2	2.27	63	95133	37.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.02%			
21) 2-Butanone-d5	4.17	46	106161	99.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.13%			
24) Chloroform-d	4.65	84	118616	49.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.70%			
26) 1,2-Dichloroethane-d4	5.31	65	75112	50.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.40%			
32) Benzene-d6	5.34	84	262163	51.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.74%			
36) 1,2-Dichloropropane-d6	6.33	67	88590	51.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.20%			
41) Toluene-d8	7.56	98	232809	50.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.66%			
43) trans-1,3-Dichloropropene-	7.85	79	38335	49.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.66%			
47) 2-Hexanone-d5	8.31	63	76613	93.96	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.96%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119020	49.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.94%			
64) 1,2-Dichlorobenzene-d4	11.86	152	82865	54.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.82%			

Target Compounds						Qvalue
8) Chloroethane	1.40	64	990	0.929	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	848	0.686	ug/L #	20
13) Acetone	2.32	43	2038	1.867	ug/L	90
27) 1,2-Dichloroethane	5.34	62	1256	0.690	ug/L #	74
33) Benzene	5.39	78	4769	0.837	ug/L	100
35) Methylcyclohexane	6.33	83	18819	8.218	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8109	5.094	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1977	0.871	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	1340	0.662	ug/L	91
51) Chlorobenzene	9.12	112	13075	3.594	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	10188	5.363	ug/L	93
62) 1,3-Dichlorobenzene	11.42	146	3076	1.286	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	4248	1.724	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	72807	29.178	ug/L	98
67) 1,3,5-Trichlorobenzene	13.50	180	6629	3.759	ug/L #	93
68) 1,2,4-trichlorobenzene	13.50	180	6629	4.488	ug/L	92
70) 1,2,3-Trichlorobenzene	13.99	180	5778	3.628	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : VU029051.D
Acq On : 07 Jan 2019 11:39
Operator : MD/SY
Sample : K1048-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0947

Quant Time: Jan 08 01:40:58 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)

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

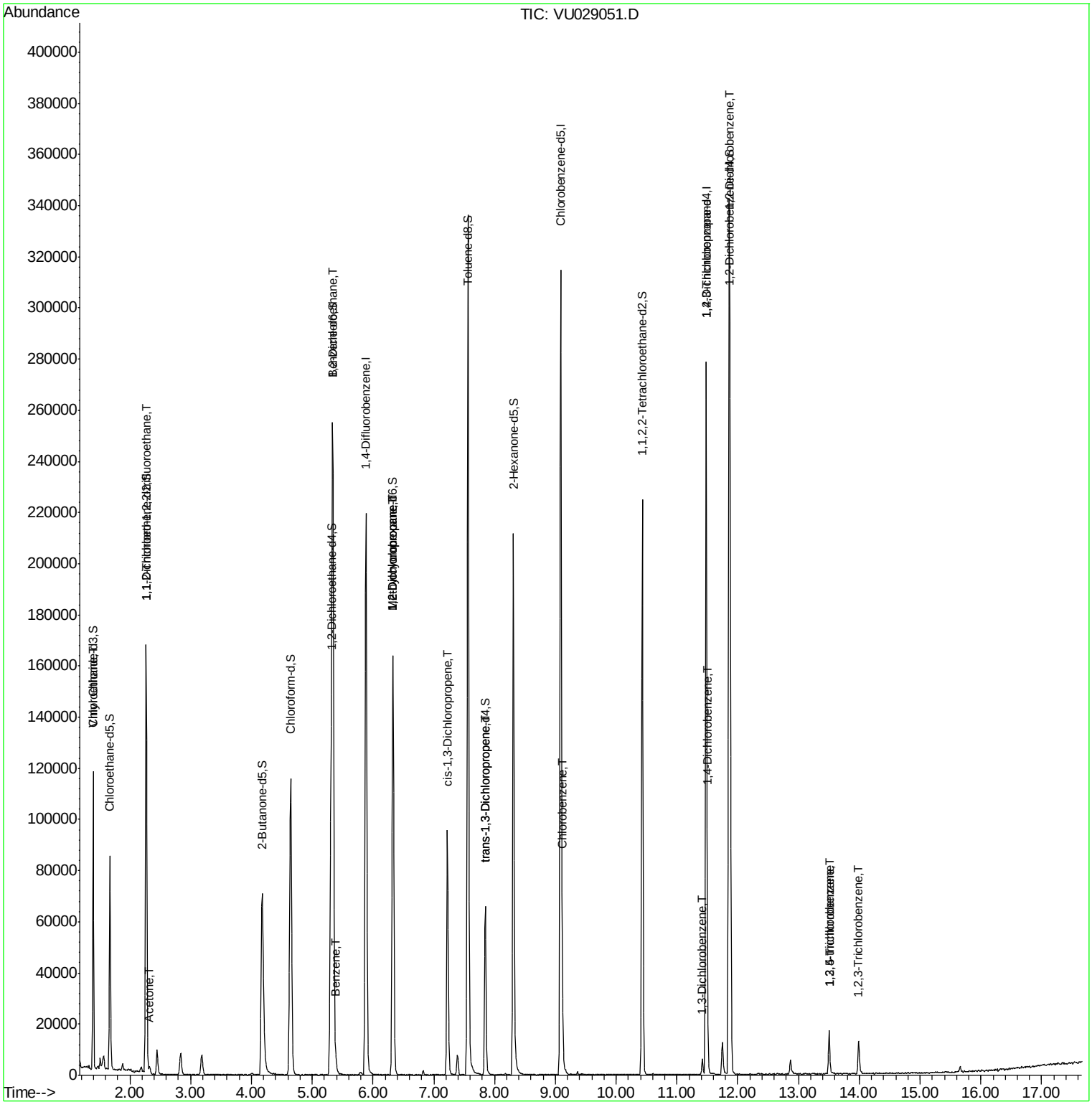
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\

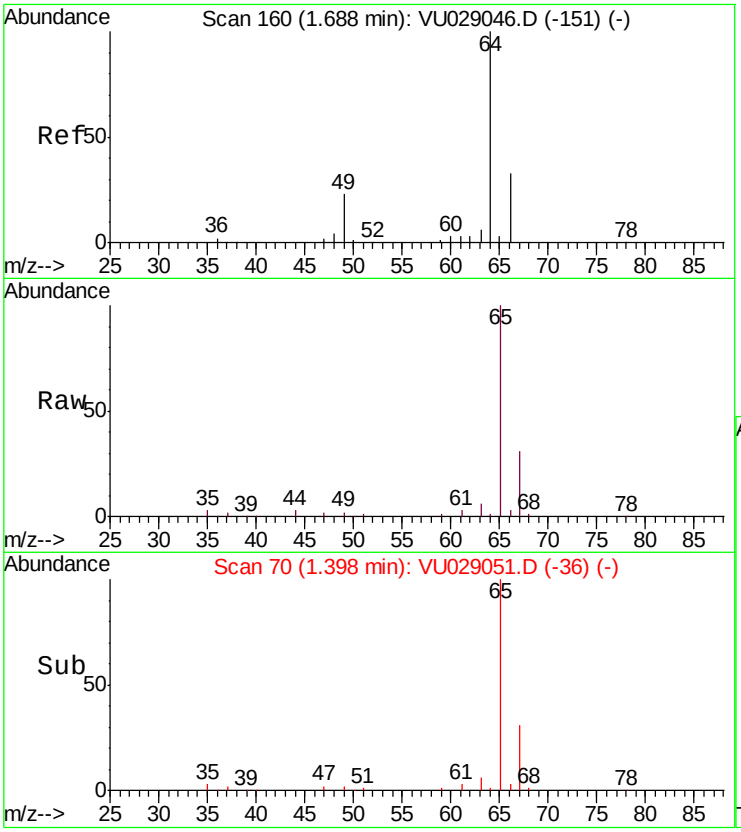
Quantitation Report (Not Reviewed)

Data File : VU029051.D
Acq On : 07 Jan 2019 11:39
Operator : MD/SY
Sample : K1048-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0947

Quant Time: Jan 08 01:40:58 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



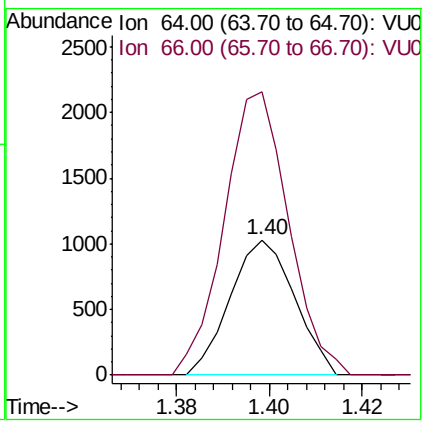


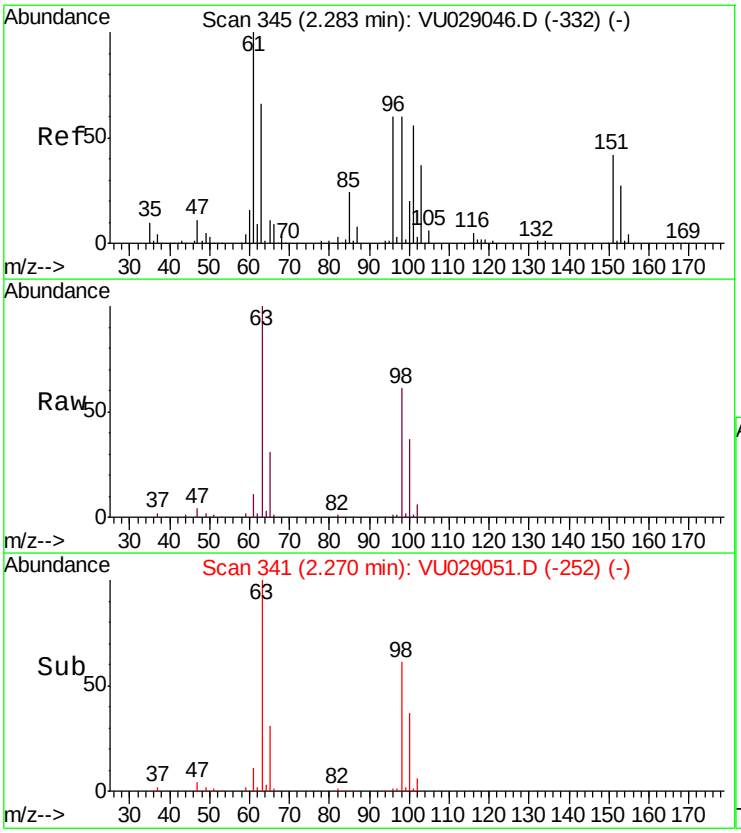
#8
Chloroethane
Concen: 0.929 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Instrument : MSVOA_U
ClientSampleId : C0947

Tgt Ion: 64 Resp: 990

Ion	Ratio	Lower	Upper
64	100		
66	209.7	21.5	39.9#

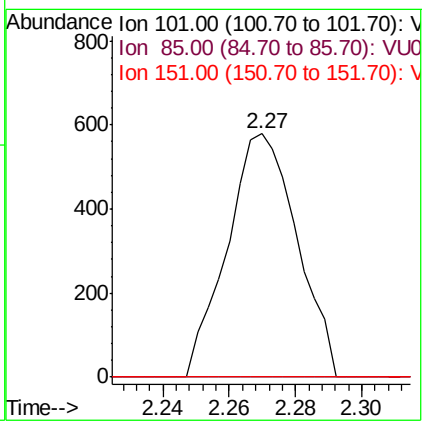


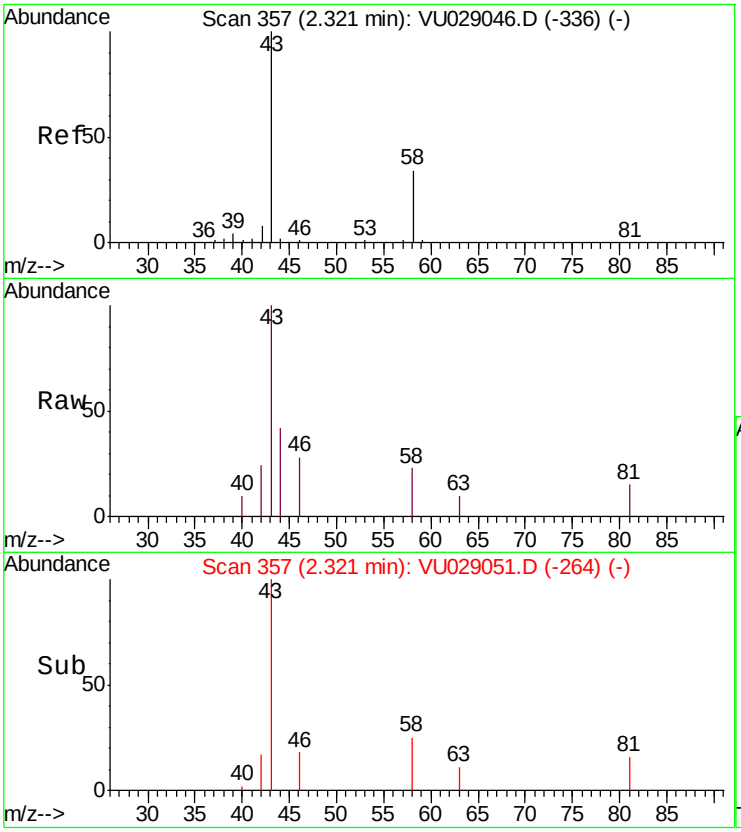


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.686 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Tgt Ion:101 Resp: 848

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



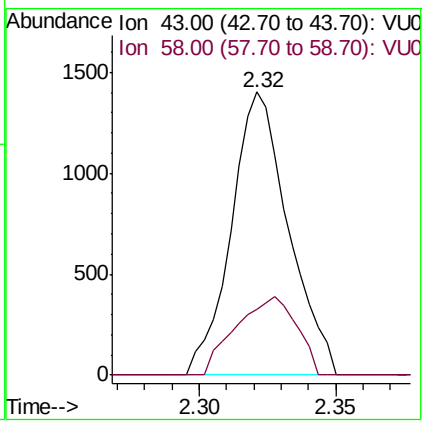


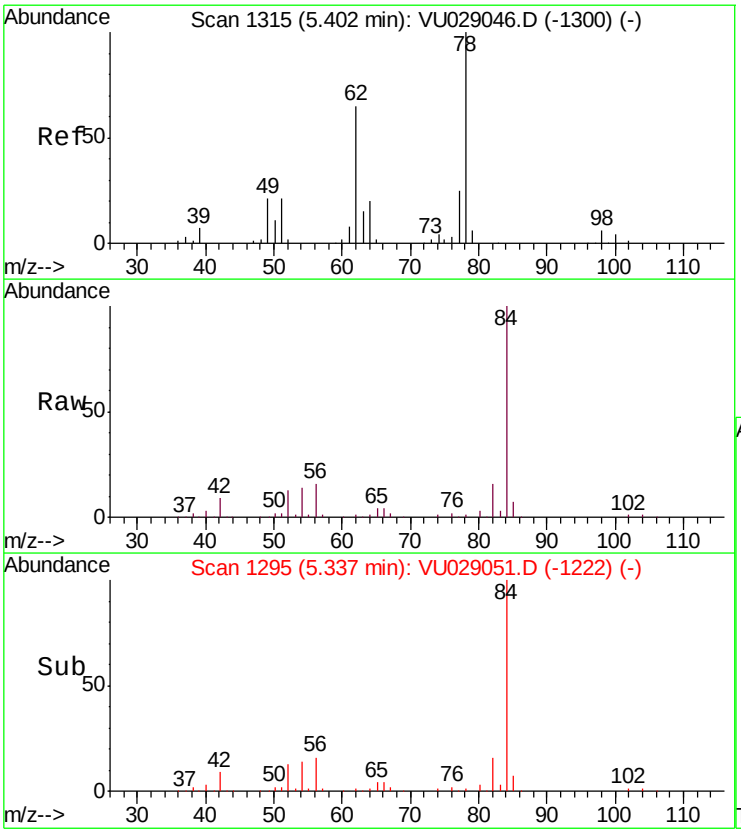
#13
Acetone
Concen: 1.867 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Instrument : MSVOA_U
ClientSampleId : C0947

Tgt Ion: 43 Resp: 2038

Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	70.2

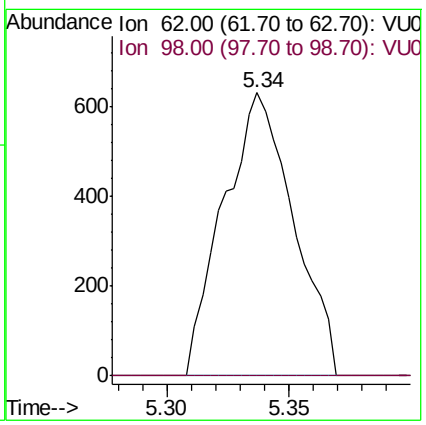


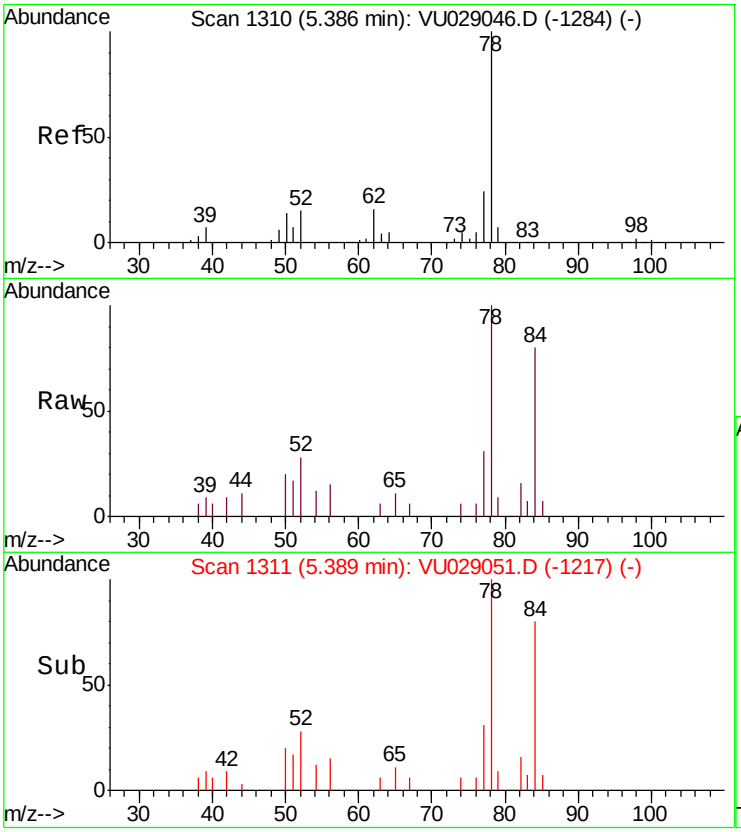


#27
1,2-Dichloroethane
Concen: 0.690 ug/L
RT: 5.34 min Scan# 1295
Delta R.T. -0.06 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Tgt Ion: 62 Resp: 1256

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

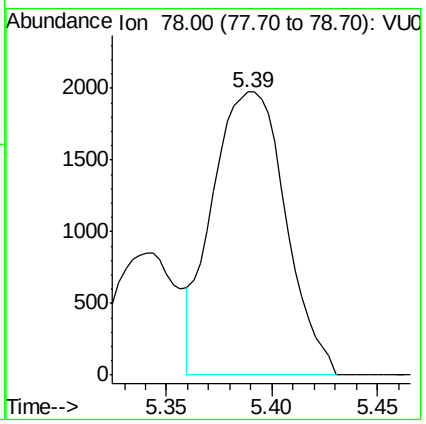


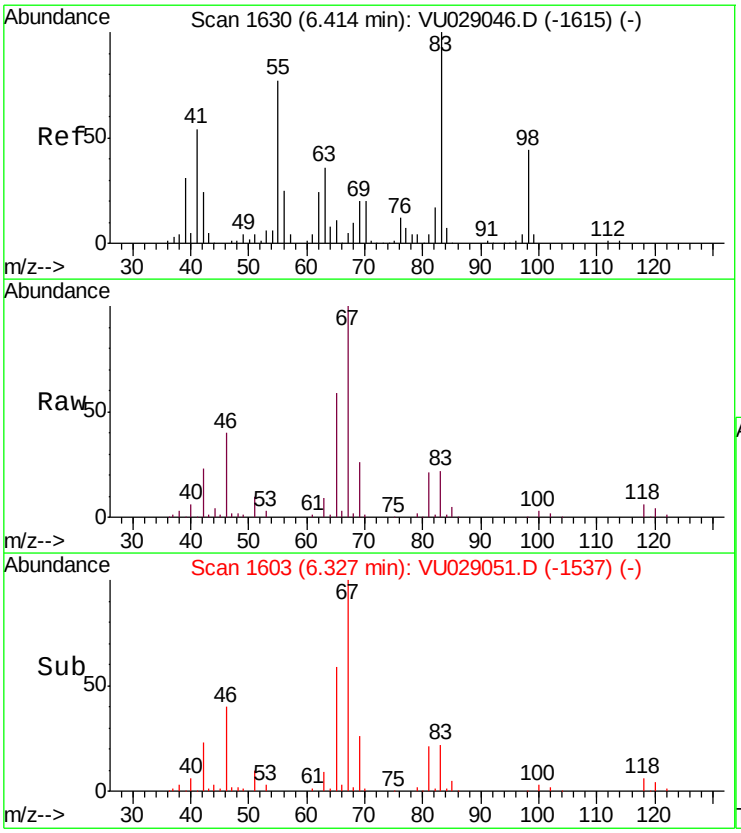


#33
Benzene
Concen: 0.837 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Instrument :
MSVOA_U
ClientSampleId :
C0947

Tgt Ion: 78 Resp: 4769

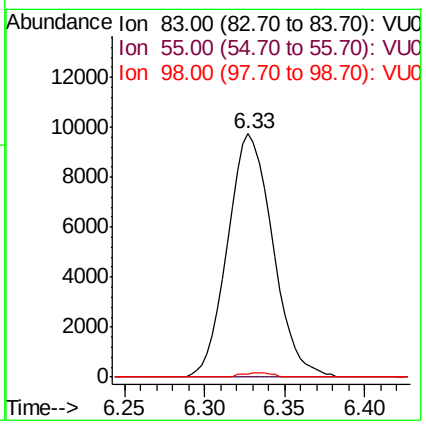


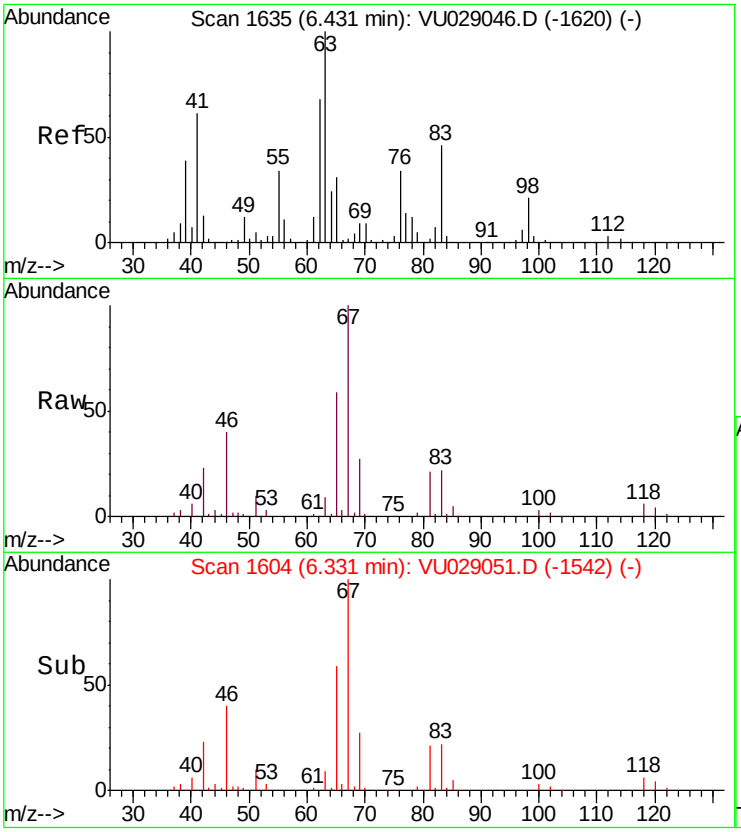


#35
Methylcyclohexane
Concen: 8.218 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Tgt Ion: 83 Resp: 18819

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.7	95.5#
98	1.1	35.6	53.4#



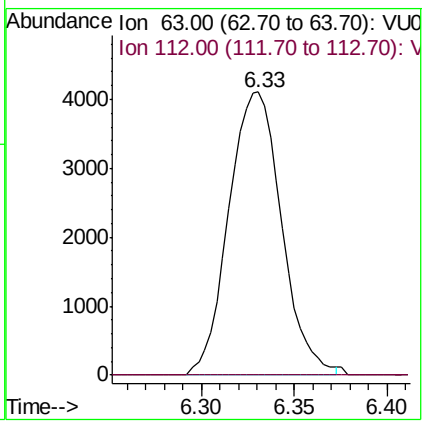


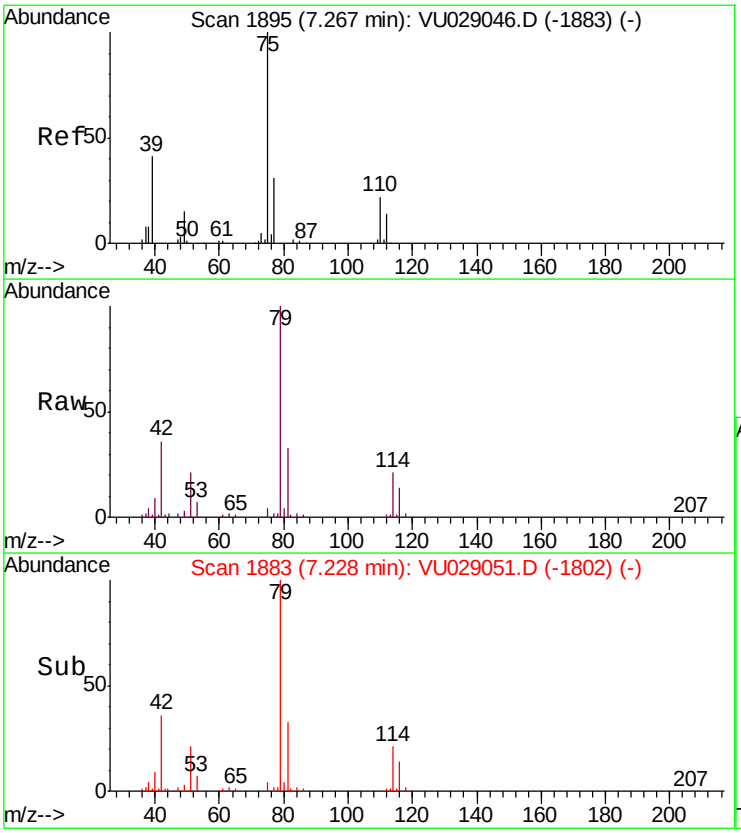
#37
1,2-Dichloropropane
Concen: 5.094 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Instrument : MSVOA_U
ClientSampleId : C0947

Tgt Ion: 63 Resp: 8109

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

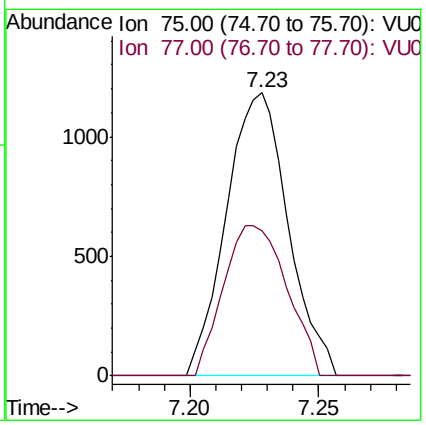


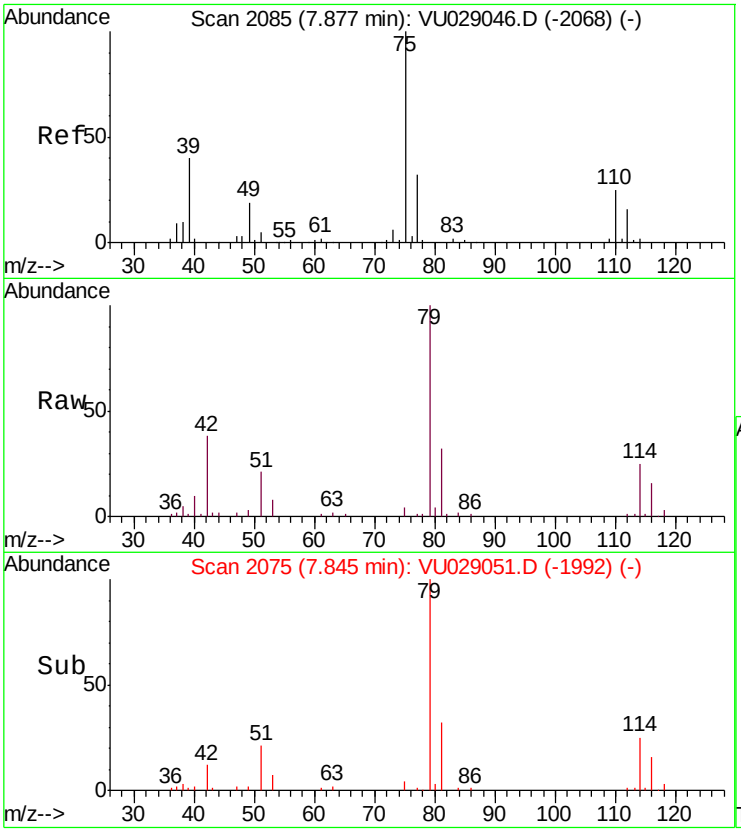


#39
cis-1,3-Dichloropropene
Concen: 0.871 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Tgt Ion: 75 Resp: 1977

Ion	Ratio	Lower	Upper
75	100		
77	51.1	21.8	40.6#



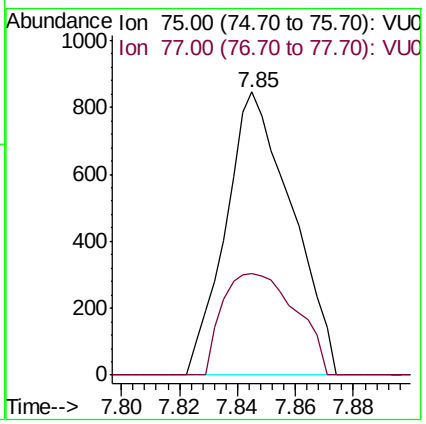


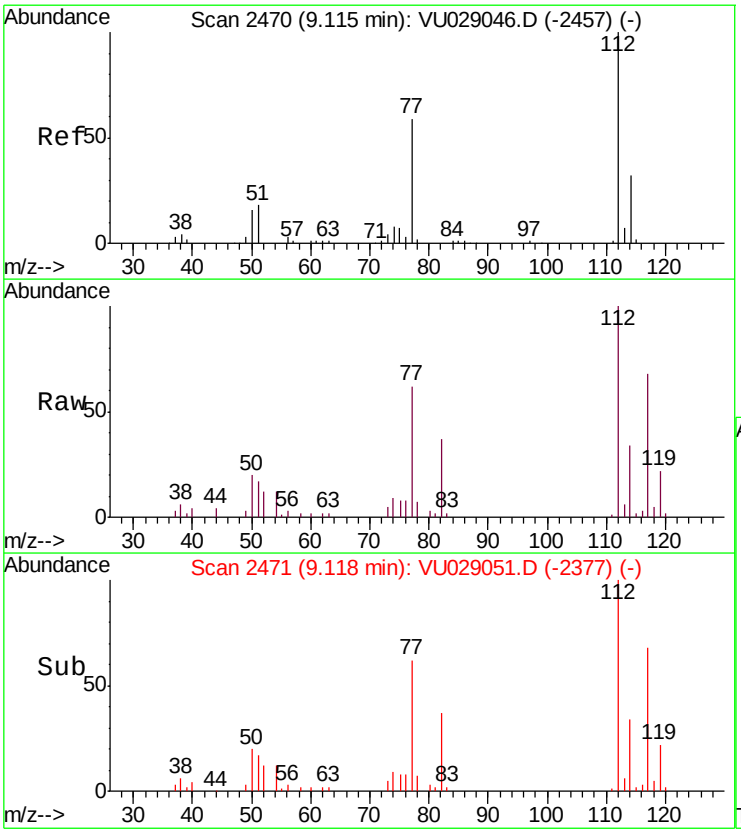
#44
trans-1,3-Dichloropropene
Concen: 0.662 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Instrument : MSVOA_U
ClientSampleId : C0947

Tgt Ion: 75 Resp: 1340

Ion	Ratio	Lower	Upper
75	100		
77	36.1	21.8	40.6

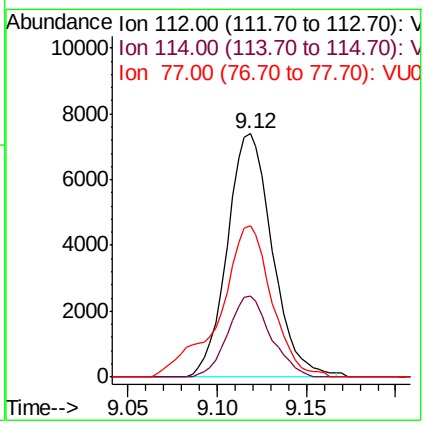


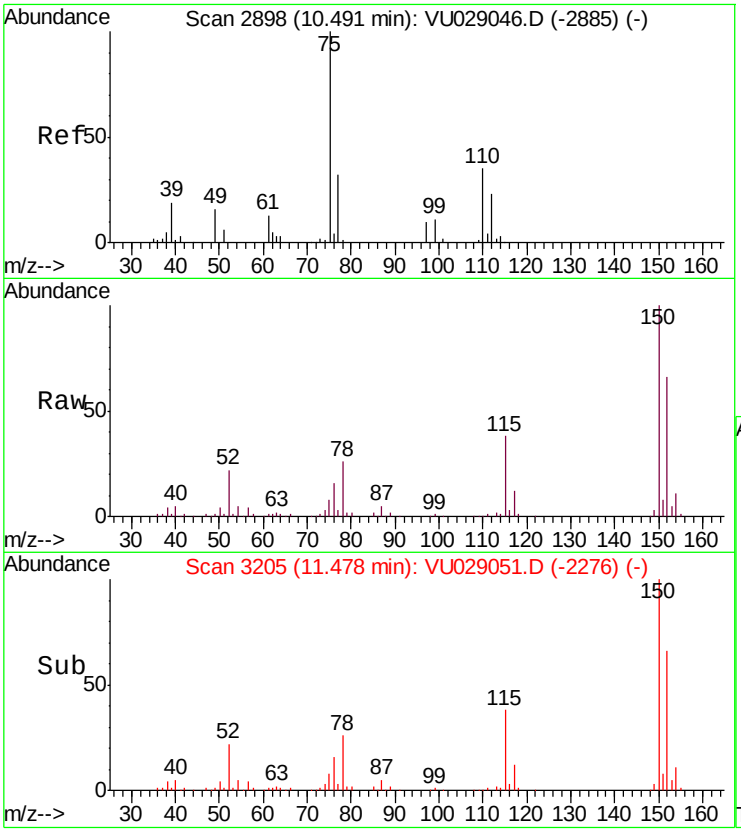


#51
Chlorobenzene
Concen: 3.594 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Tgt Ion:112 Resp: 13075

Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.2	41.2
77	62.4	47.8	71.8



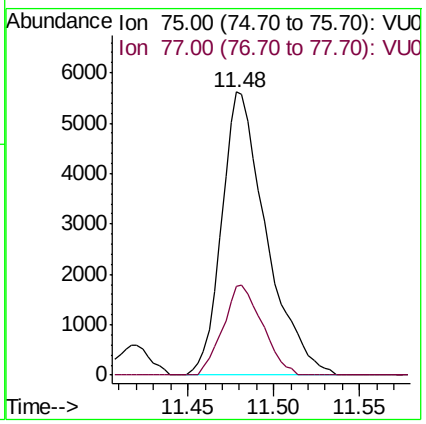


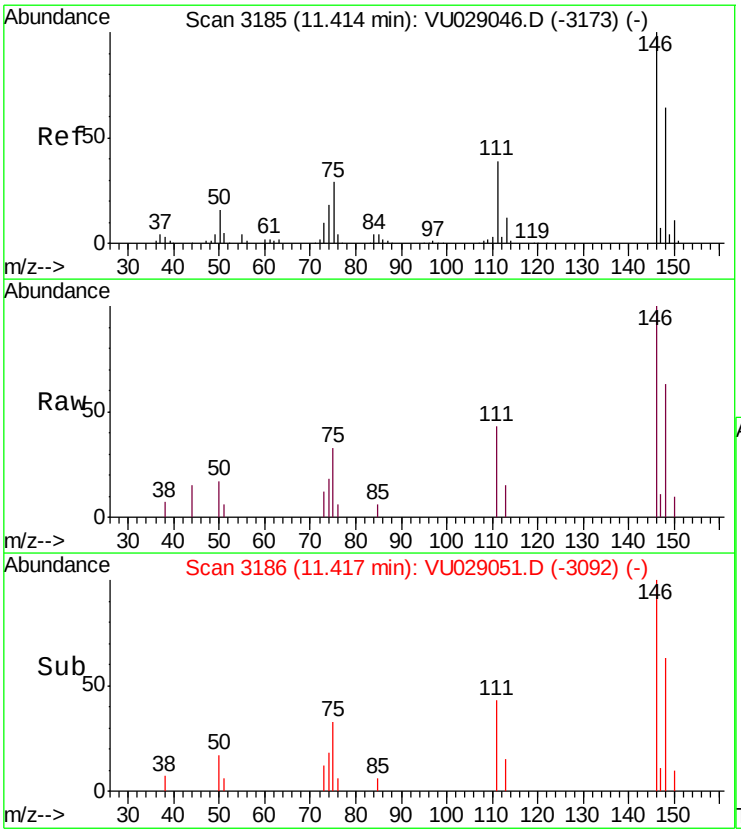
#59
1,2,3-Trichloropropane
Concen: 5.363 ug/L
RT: 11.48 min Scan# 3205
Delta R.T. 0.99 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Instrument :
MSVOA_U
ClientSampleId :
C0947

Tgt Ion: 75 Resp: 10188

Ion	Ratio	Lower	Upper
75	100		
77	28.0	25.5	38.3

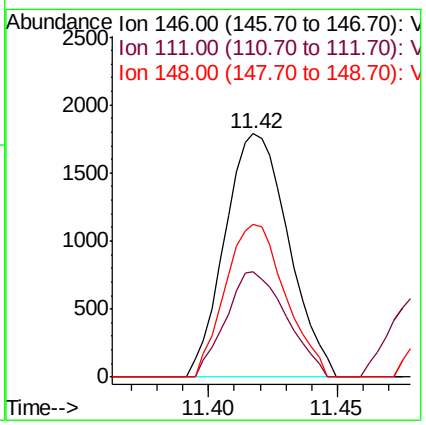


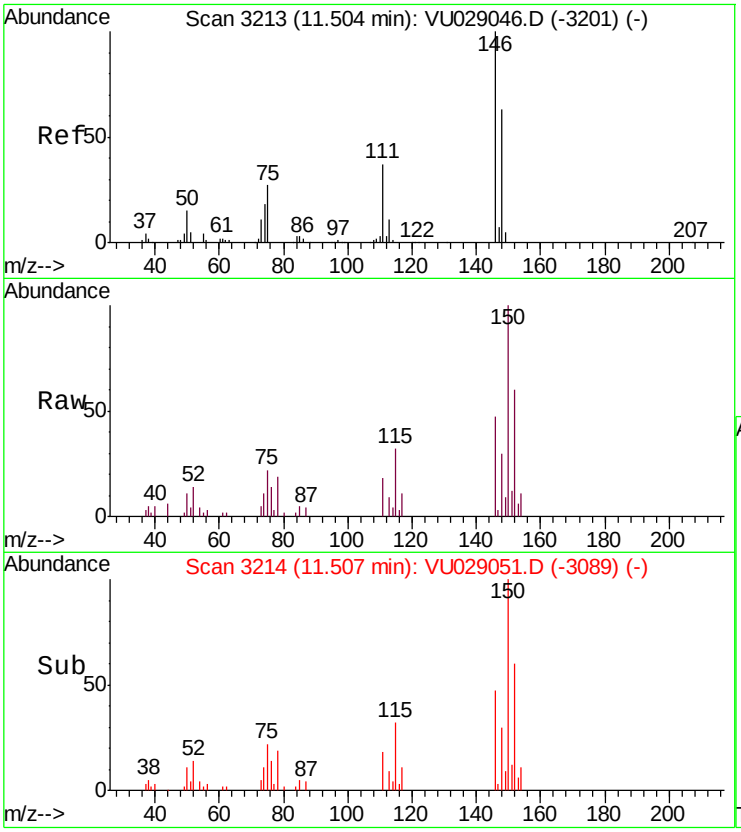


#62
1,3-Dichlorobenzene
Concen: 1.286 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Tgt Ion:146 Resp: 3076

Ion	Ratio	Lower	Upper
146	100		
111	43.2	27.4	50.8
148	62.8	44.2	82.2



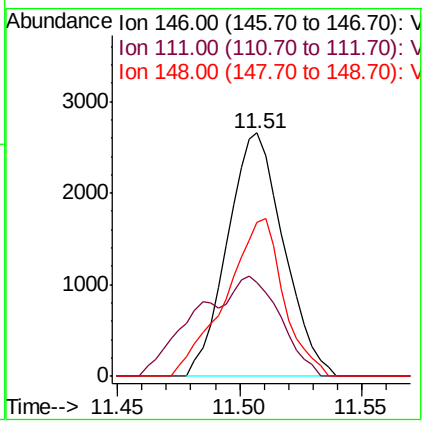


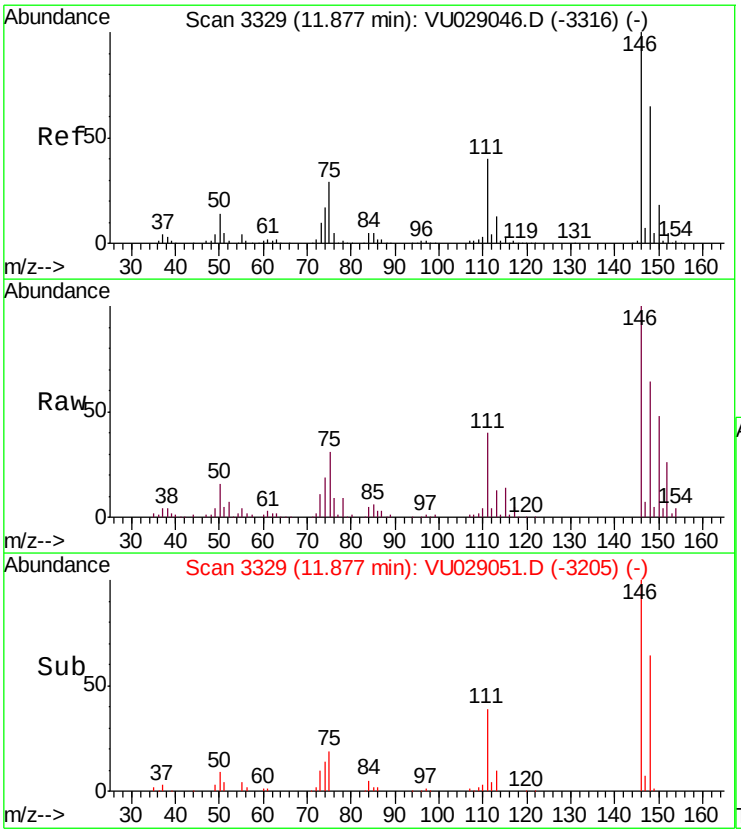
#63
1,4-Dichlorobenzene
Concen: 1.724 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Instrument :
MSVOA_U
ClientSampleId :
C0947

Tgt Ion:146 Resp: 4248

Ion	Ratio	Lower	Upper
146	100		
111	38.3	26.5	49.1
148	63.4	45.1	83.9

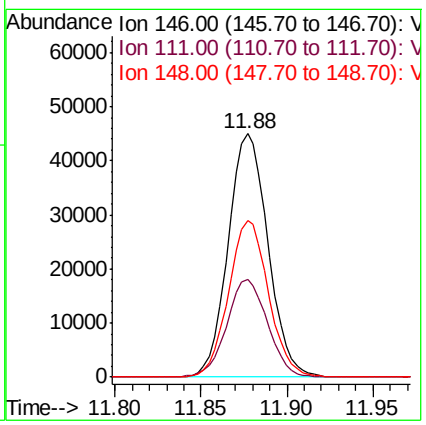


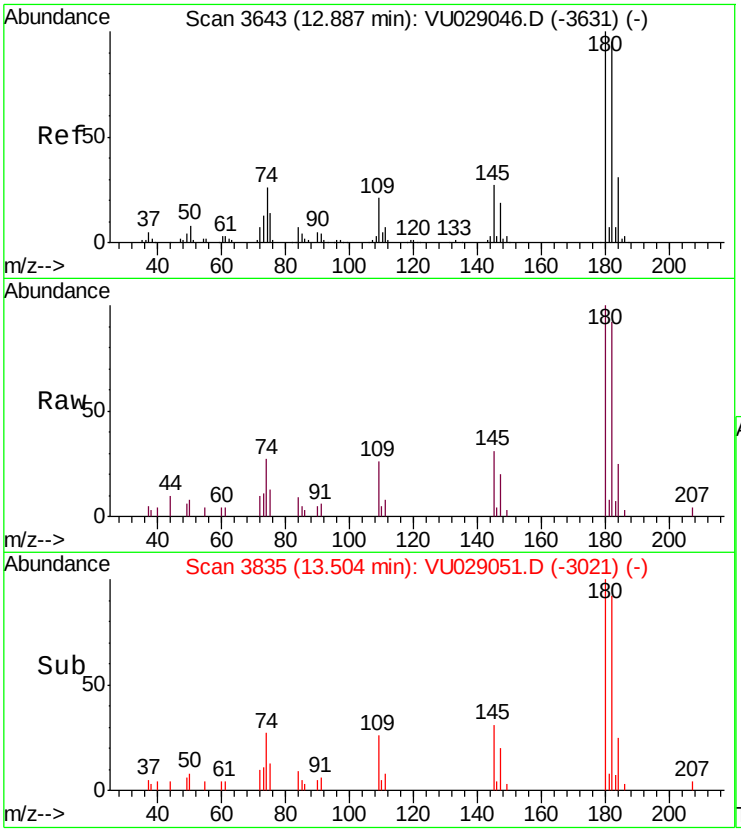


#65
1,2-Dichlorobenzene
Concen: 29.178 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Tgt Ion:146 Resp: 72807

Ion	Ratio	Lower	Upper
146	100		
111	39.9	32.1	48.1
148	64.4	49.7	74.5



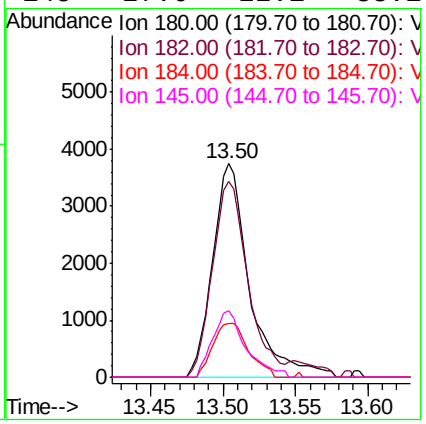


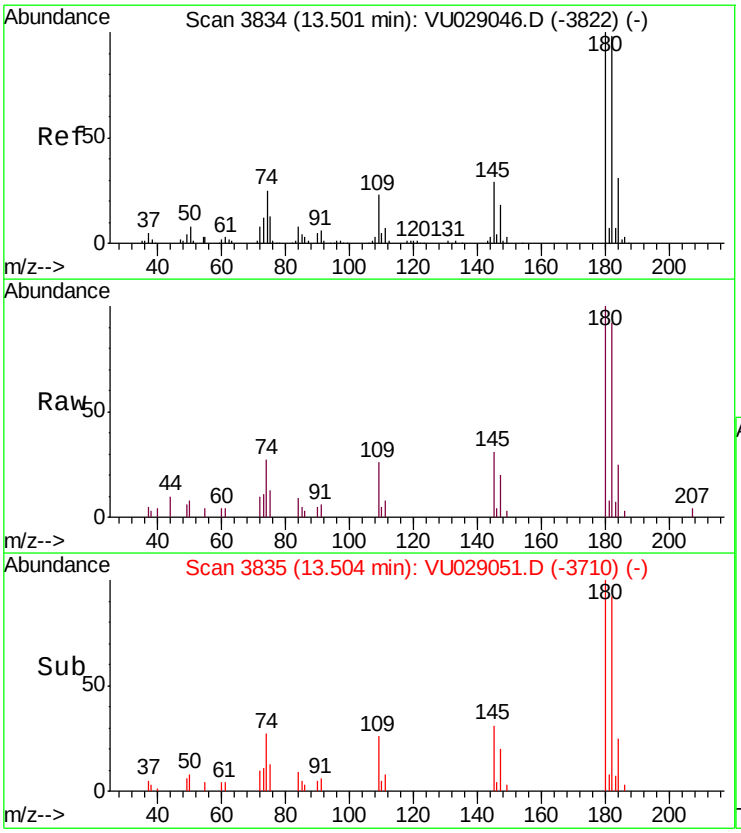
#67
1,3,5-Trichlorobenzene
Concen: 3.759 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.62 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Instrument :
MSVOA_U
ClientSampleId :
C0947

Tgt Ion:180 Resp: 6629

Ion	Ratio	Lower	Upper
180	100		
182	87.9	76.4	114.6
184	24.2	24.6	36.8#
145	27.6	22.1	33.1

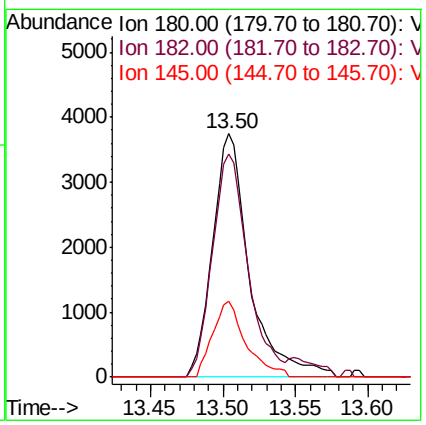


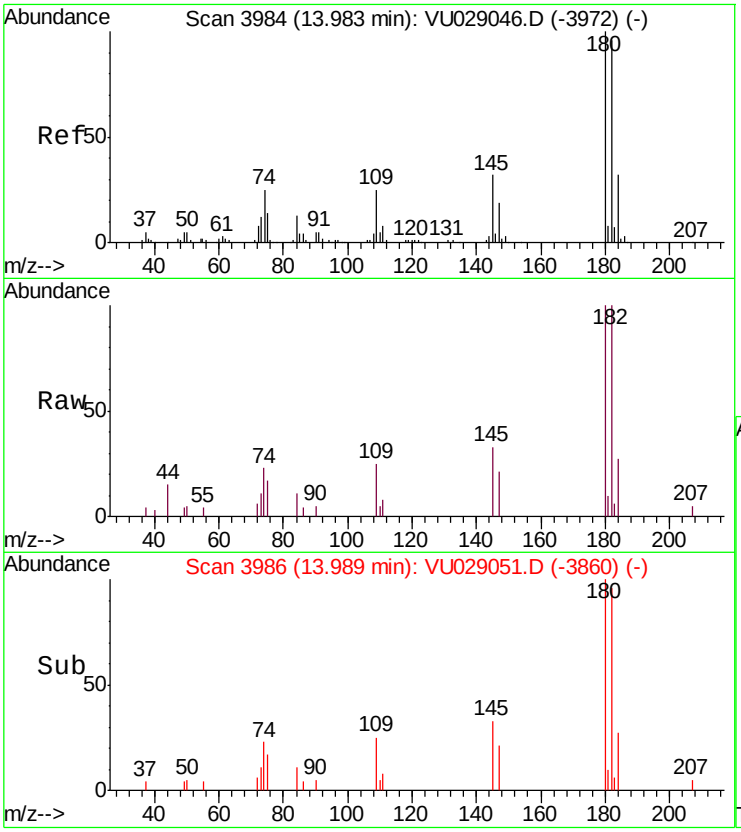


#68
1,2,4-trichlorobenzene
Concen: 4.488 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Tgt Ion:180 Resp: 6629

Ion	Ratio	Lower	Upper
180	100		
182	87.9	77.4	116.0
145	27.6	23.5	35.3





#70
1,2,3-Trichlorobenzene
Concen: 3.628 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.01 min
Lab File: VU029051.D
Acq: 07 Jan 2019 11:39

Instrument :
MSVOA_U
ClientSampleId :
C0947

Tgt Ion:180 Resp: 5778

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.8
145	29.5	24.5	36.7