Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102518\

Quantitation Report (Not Reviewed)

Data File : VU027815.D
Acq On : 25 Oct 2018 21:58
Operator : MD/SY
Sample : J5635-23ME 100X
Misc : 4.77g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40F9MEDL

Quant Time: Oct 26 02:31:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 02:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	100629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	95882	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48326	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	26794	34.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.44%			
7) Chloroethane-d5	1.68	69	21259	35.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.54%			
11) 1,1-Dichloroethene-d2	2.28	63	40717	28.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.74%#			
21) 2-Butanone-d5	4.18	46	53247	79.80	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.80%			
24) Chloroform-d	4.65	84	53846	38.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.52%			
26) 1,2-Dichloroethane-d4	5.31	65	40507	41.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.12%			
32) Benzene-d6	5.34	84	99962	36.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.22%			
36) 1,2-Dichloropropane-d6	6.33	67	37050	38.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 76.00%			
41) Toluene-d8	7.57	98	94327	37.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.90%#			
43) trans-1,3-Dichloropropene-	7.85	79	17615	37.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.42%			
47) 2-Hexanone-d5	8.31	63	38352	76.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.88%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47879	38.03	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 76.06%			
64) 1,2-Dichlorobenzene-d4	11.86	152	36489	36.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 73.72%#			
Target Compounds						Qvalue
13) Acetone	2.33	43	243	0.523	ug/L #	46
35) Methylcyclohexane	6.33	83	8281	6.706	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4113	4.880	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1019	0.785	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	730	0.595	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	6987	7.015	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	2348	1.589	ug/L	91
67) 1,3,5-Trichlorobenzene	13.50	180	101555	90.614	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	101555	102.071	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	21796	20.961	ug/L	99

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

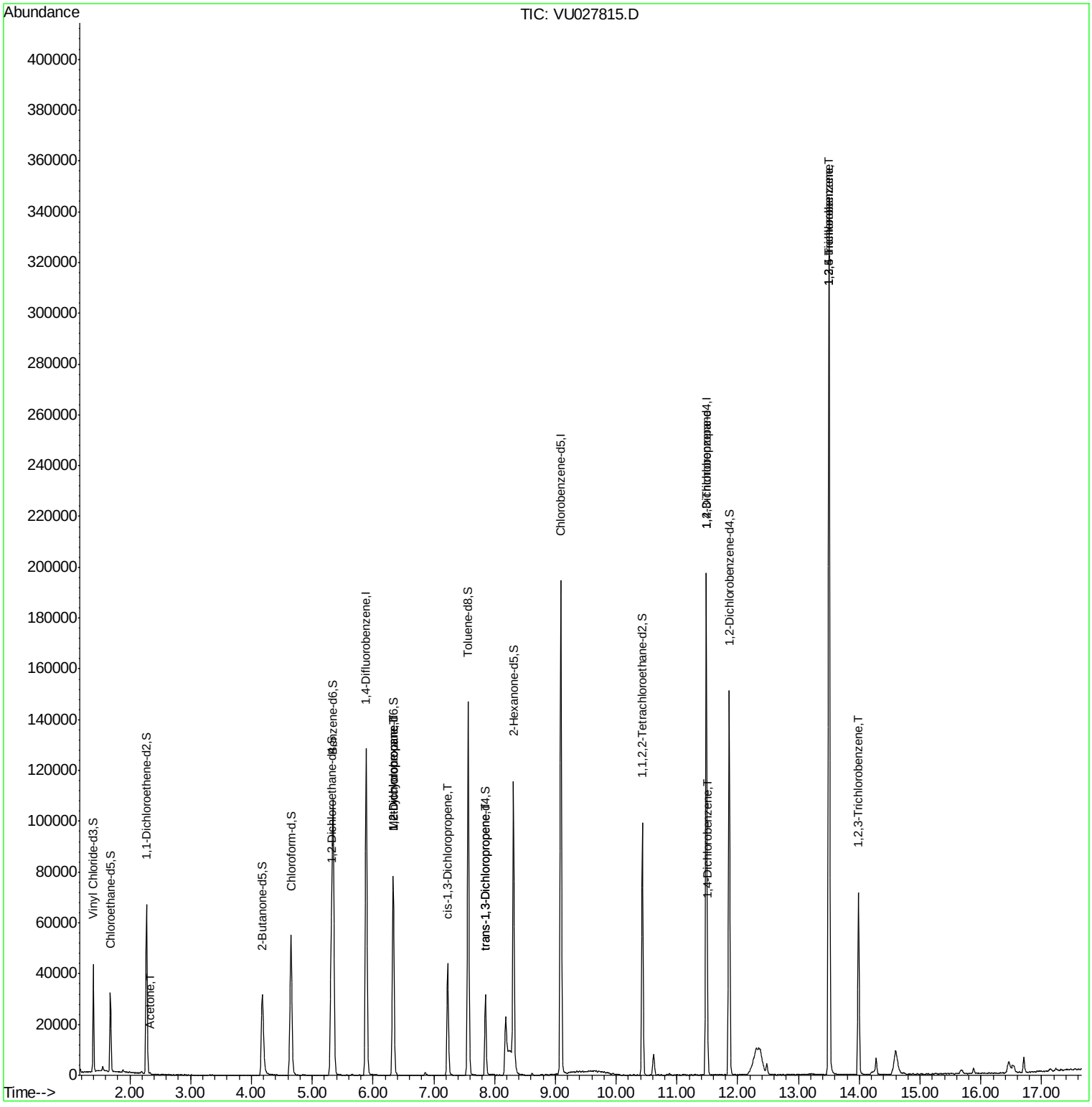
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102518\

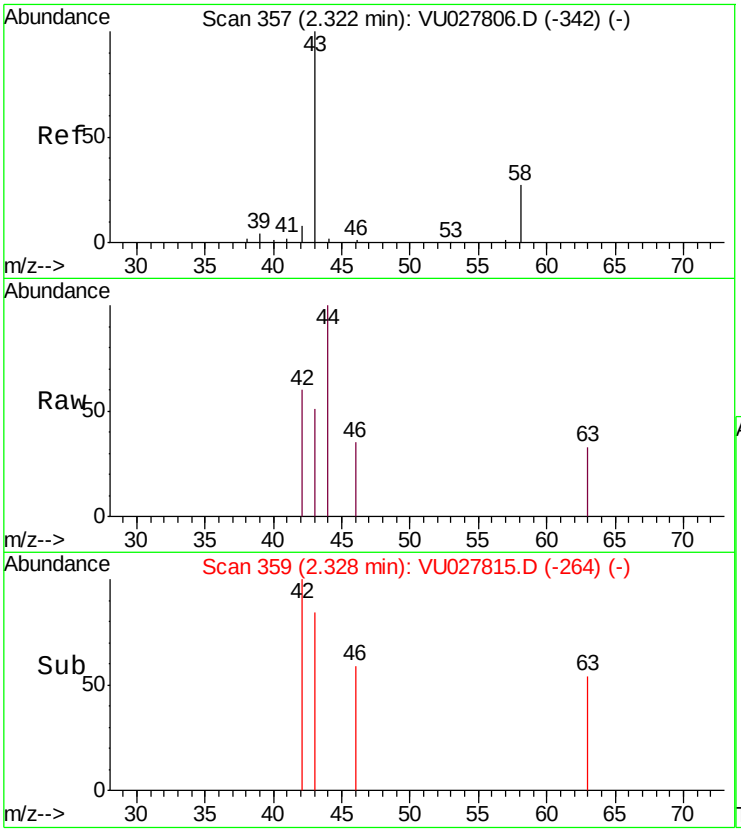
Quantitation Report (Not Reviewed)

Data File : VU027815.D
Acq On : 25 Oct 2018 21:58
Operator : MD/SY
Sample : J5635-23ME 100X
Misc : 4.77g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40F9MEDL

Quant Time: Oct 26 02:31:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 02:27:34 2018
Response via : Initial Calibration



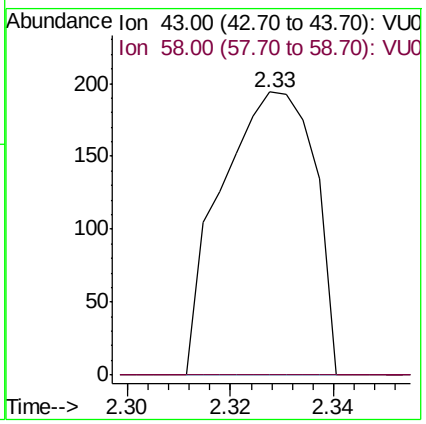


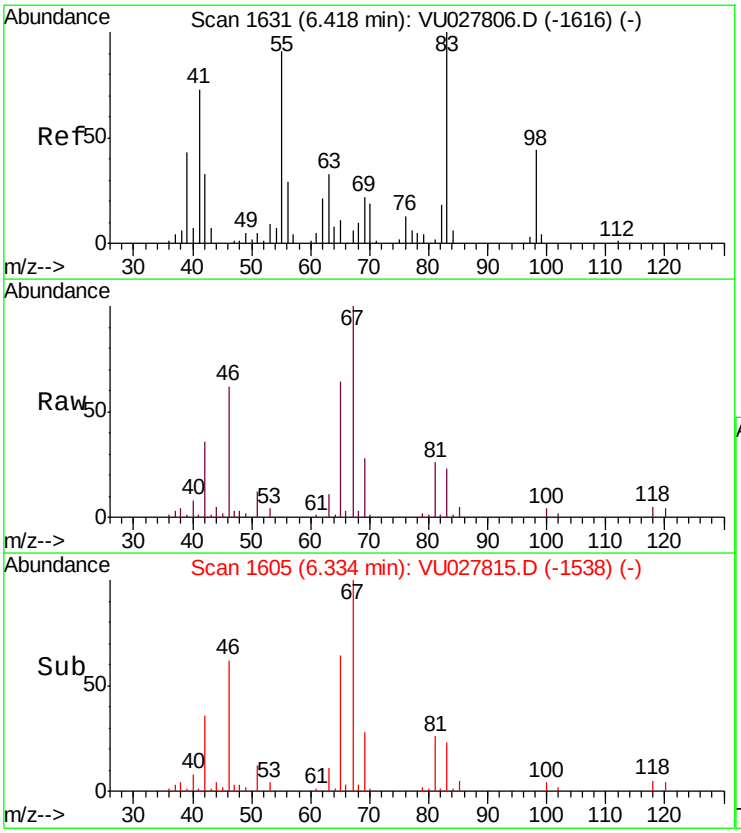
#13
Acetone
Concen: 0.523 ug/L
RT: 2.33 min Scan# 359
Delta R.T. 0.01 min
Lab File: VU027815.D
Acq: 25 Oct 2018 21:58

Instrument : MSVOA_U
ClientSampleId : A40F9MEDL

Tgt Ion: 43 Resp: 243

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	57.4

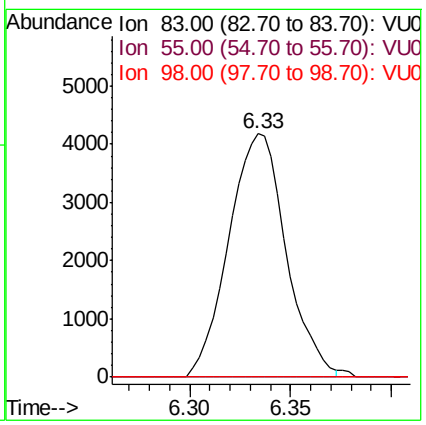


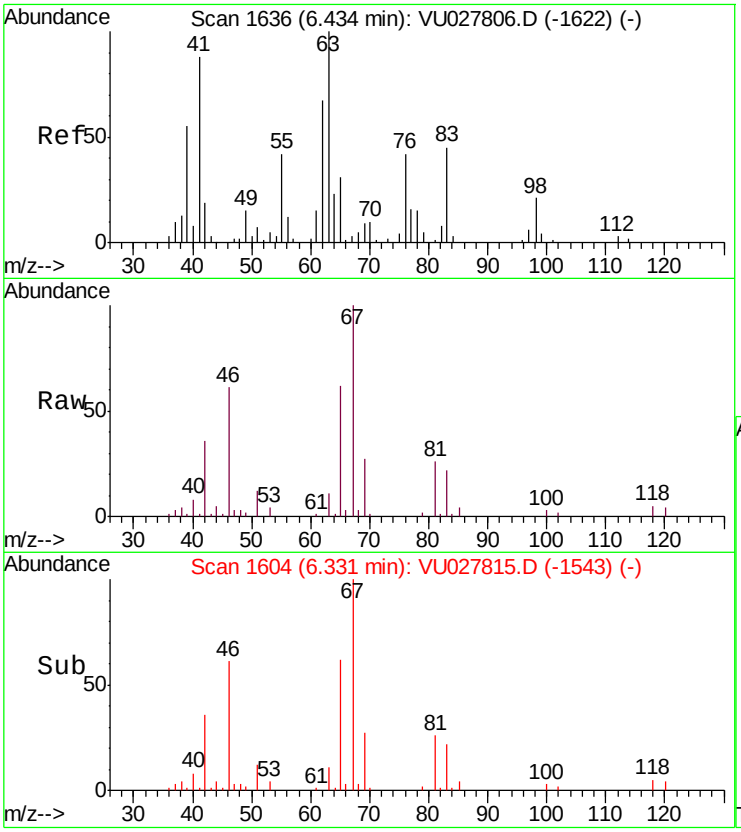


#35
Methylcyclohexane
Concen: 6.706 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027815.D
Acq: 25 Oct 2018 21:58

Tgt Ion: 83 Resp: 8281

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.9	107.9#
98	0.0	34.6	52.0#



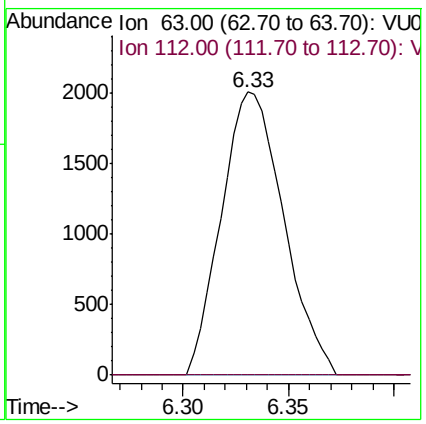


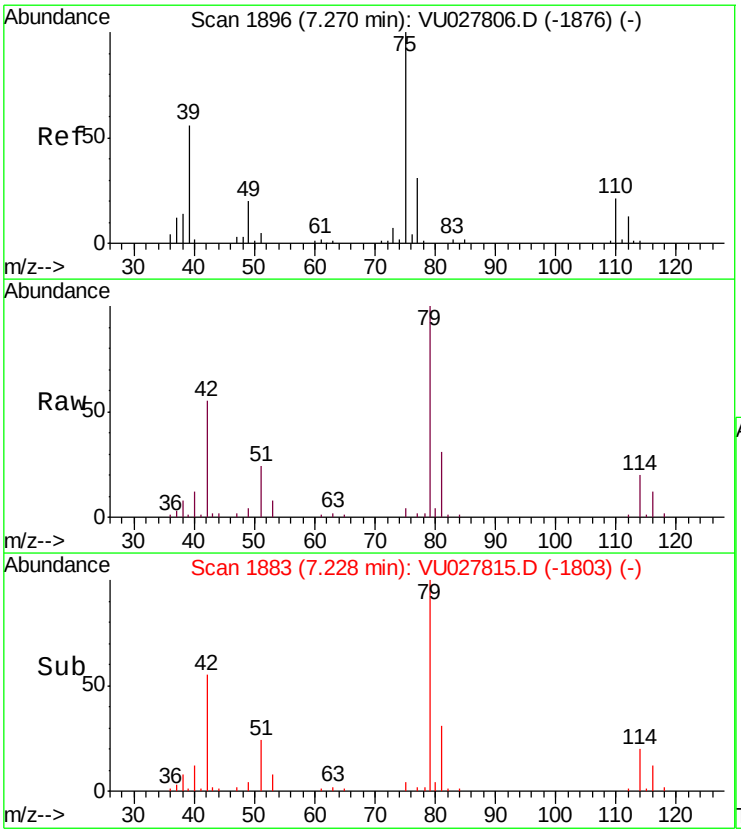
#37
1,2-Dichloropropane
Concen: 4.880 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027815.D
Acq: 25 Oct 2018 21:58

Instrument : MSVOA_U
ClientSampleId : A40F9MEDL

Tgt Ion: 63 Resp: 4113

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

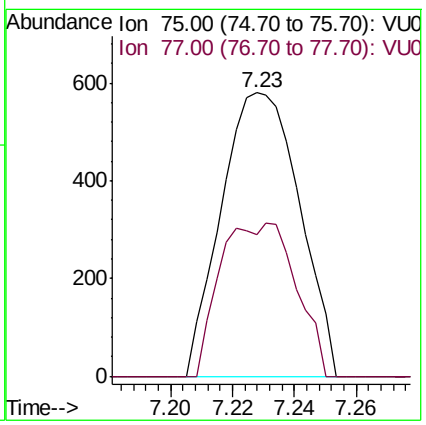


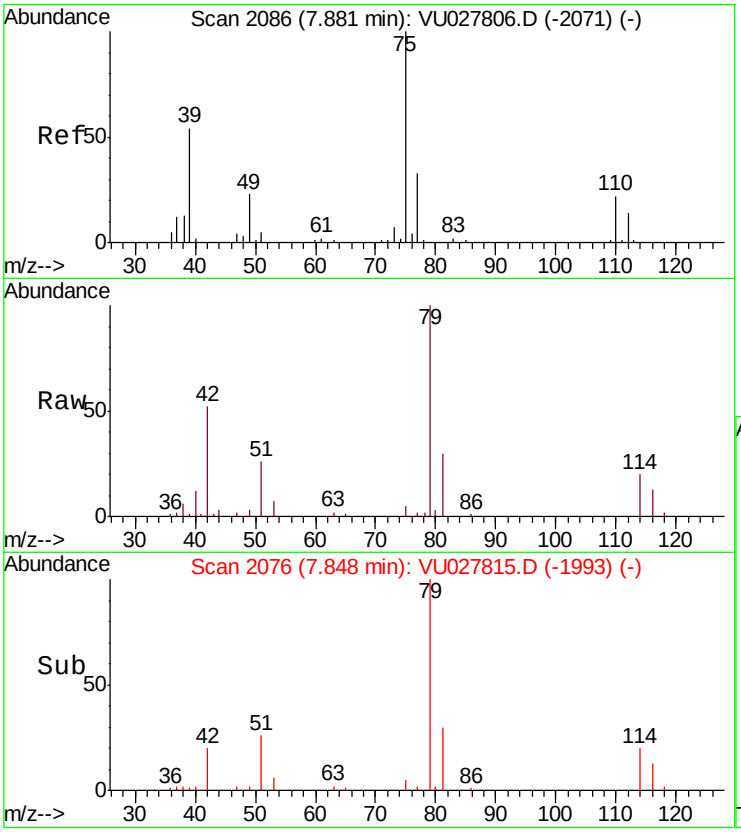


#39
cis-1,3-Dichloropropene
Concen: 0.785 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027815.D
Acq: 25 Oct 2018 21:58

Tgt Ion: 75 Resp: 1019

Ion	Ratio	Lower	Upper
75	100		
77	50.0	22.5	41.7#



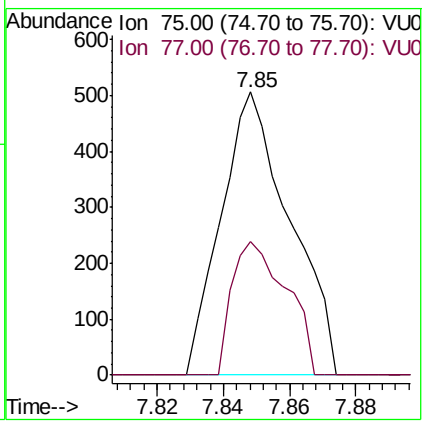


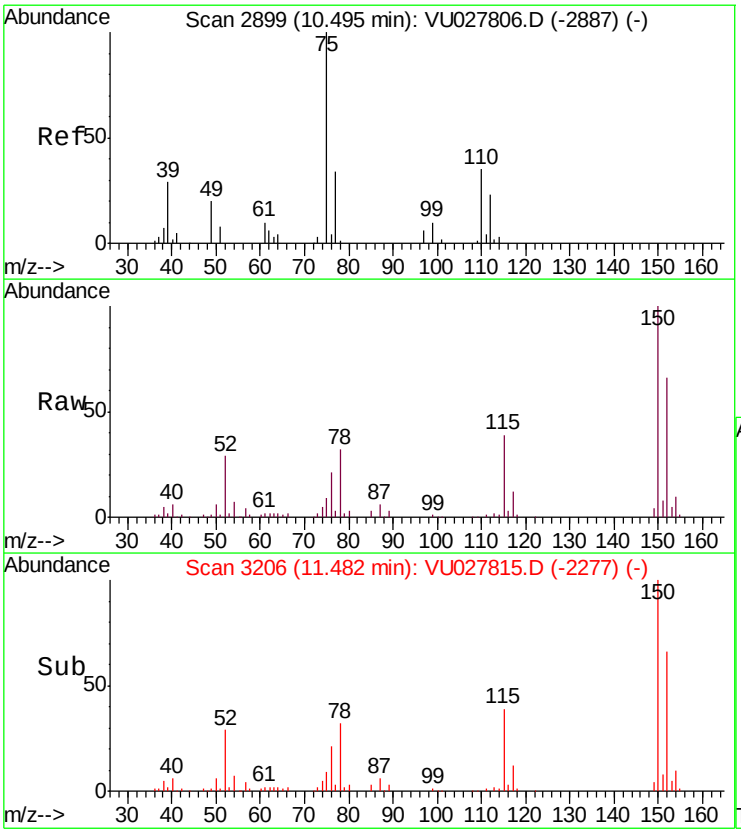
#44
trans-1,3-Dichloropropene
Concen: 0.595 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU027815.D
Acq: 25 Oct 2018 21:58

Instrument :
MSVOA_U
ClientSampleId :
A40F9MEDL

Tgt Ion: 75 Resp: 730

Ion	Ratio	Lower	Upper
75	100		
77	47.4	22.8	42.4#

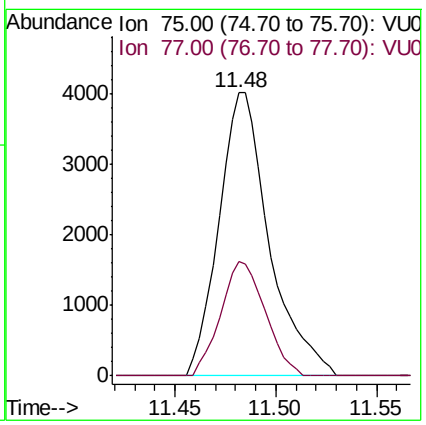


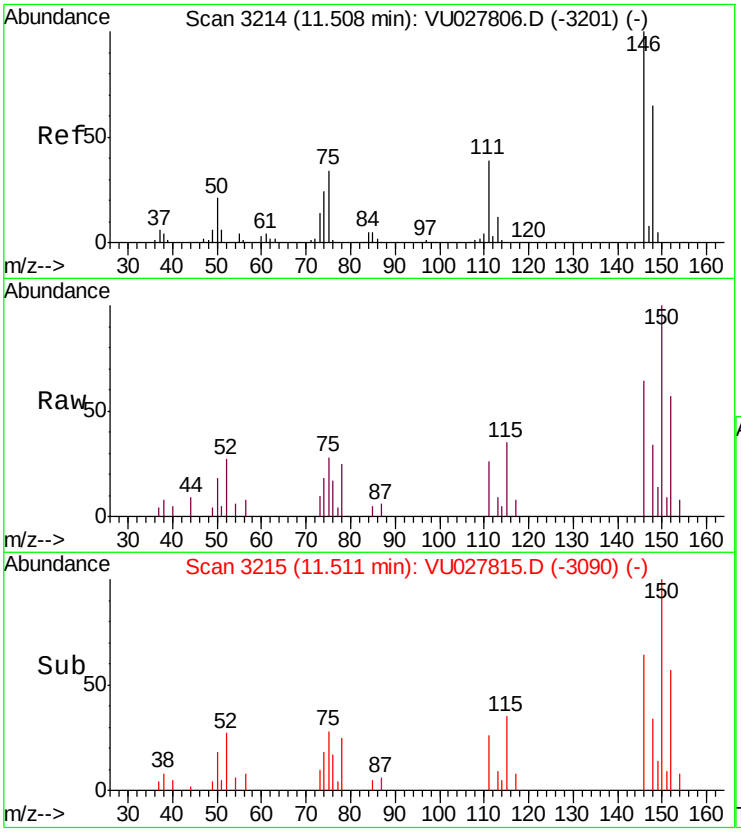


#59
1,2,3-Trichloropropane
Concen: 7.015 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU027815.D
Acq: 25 Oct 2018 21:58

Tgt Ion: 75 Resp: 6987

Ion	Ratio	Lower	Upper
75	100		
77	35.8	26.5	39.7



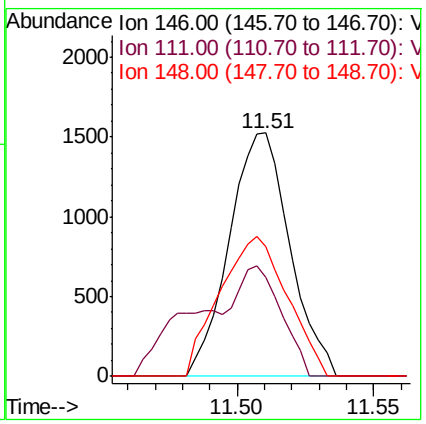


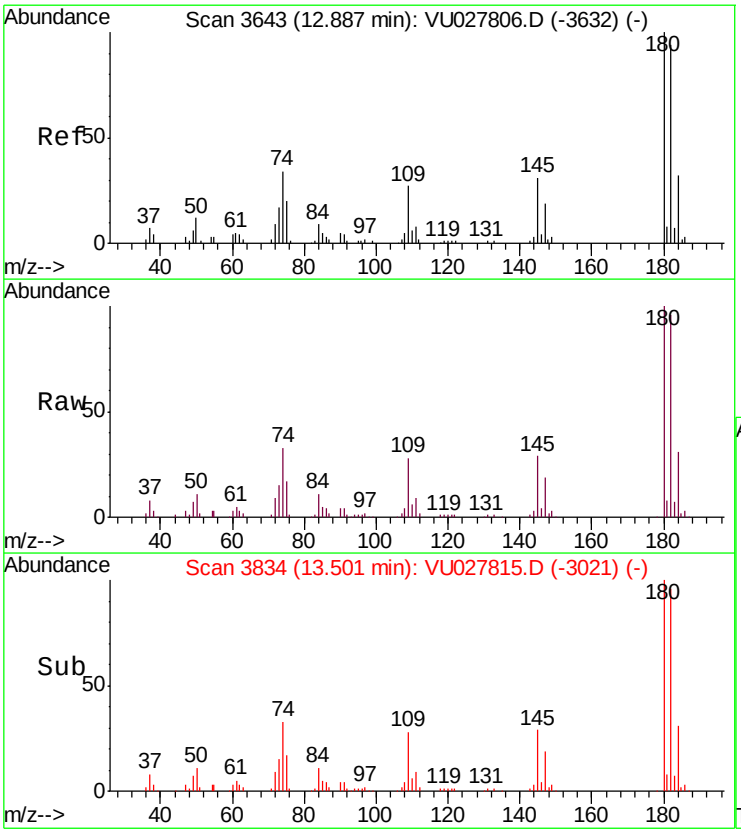
#63
1,4-Dichlorobenzene
Concen: 1.589 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU027815.D
Acq: 25 Oct 2018 21:58

Instrument :
MSVOA_U
ClientSampleId :
A40F9MEDL

Tgt Ion:146 Resp: 2348

Ion	Ratio	Lower	Upper
146	100		
111	40.4	27.5	51.1
148	53.1	44.1	81.9

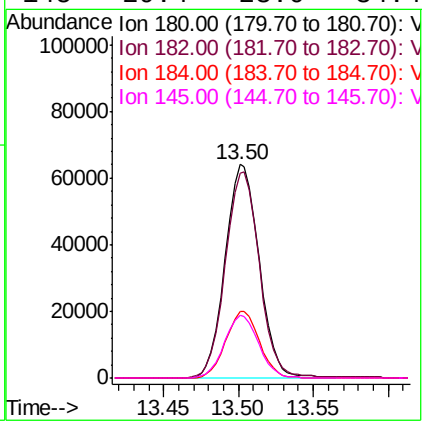


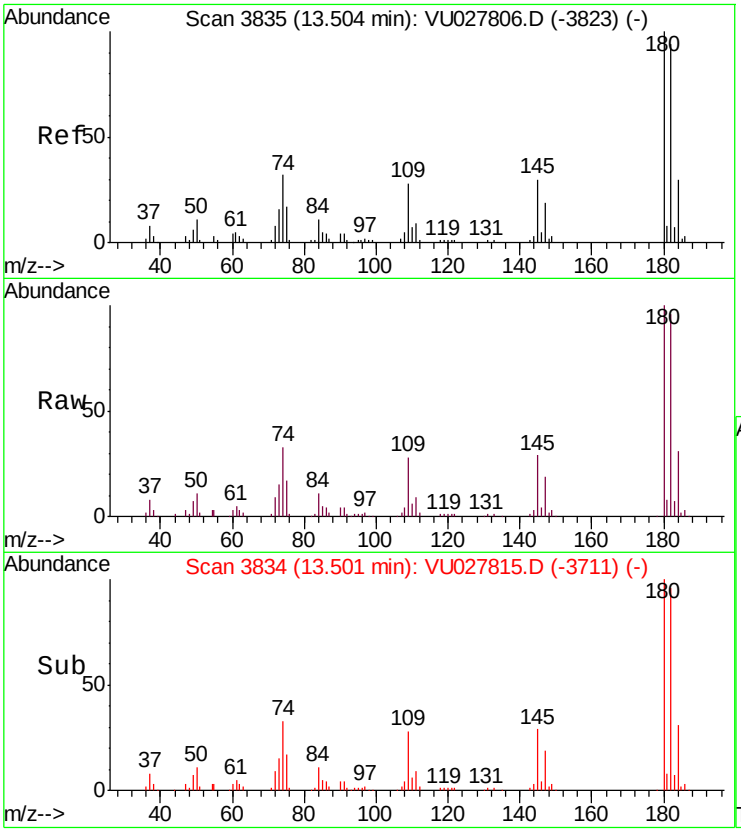


#67
1,3,5-Trichlorobenzene
Concen: 90.614 ug/L
RT: 13.50 min Scan# 3834
Delta R.T. 0.61 min
Lab File: VU027815.D
Acq: 25 Oct 2018 21:58

Tgt Ion:180 Resp: 101555

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.9	113.9
184	31.0	24.7	37.1
145	29.4	23.0	34.4



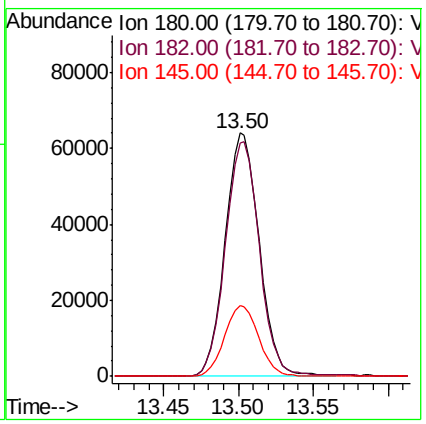


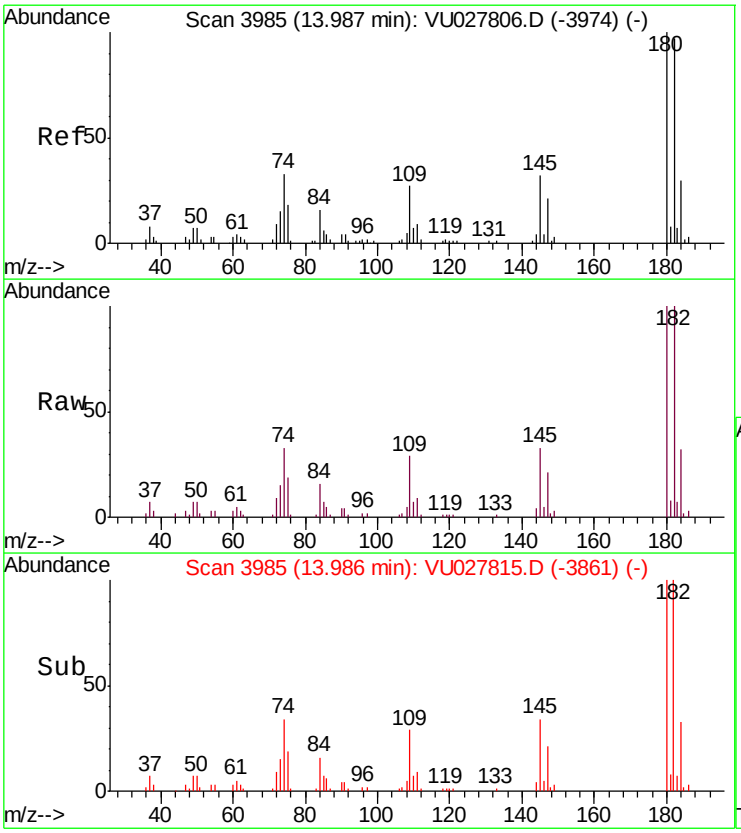
#68
1,2,4-trichlorobenzene
Concen: 102.071 ug/L
RT: 13.50 min Scan# 3834
Delta R.T. -0.00 min
Lab File: VU027815.D
Acq: 25 Oct 2018 21:58

Instrument :
MSVOA_U
ClientSampleId :
A40F9MEDL

Tgt Ion:180 Resp: 101555

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.1	115.7
145	29.4	23.4	35.0





#70
1,2,3-Trichlorobenzene
Concen: 20.961 ug/L
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027815.D
Acq: 25 Oct 2018 21:58

Tgt Ion:180 Resp: 21796

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.8	116.6
145	31.7	25.0	37.4