Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120718\
Data File : VU028530.D
Acq On : 07 Dec 2018 14:22
Operator : MD/SY
Sample : J6238-04 10X
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE7Z5DL

Quant Time: Dec 07 22:57:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 07 22:52:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	148486	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	142725	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66799	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	65427	49.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.08%			
7) Chloroethane-d5	1.67	69	49600	48.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.06%			
11) 1,1-Dichloroethene-d2	2.27	63	88920	37.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.16%			
21) 2-Butanone-d5	4.17	46	113963	105.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.00%			
24) Chloroform-d	4.65	84	102420	47.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.72%			
26) 1,2-Dichloroethane-d4	5.31	65	71225	49.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.04%			
32) Benzene-d6	5.34	84	218316	49.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.64%			
36) 1,2-Dichloropropane-d6	6.33	67	79338	49.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.38%			
41) Toluene-d8	7.57	98	193279	48.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.36%			
43) trans-1,3-Dichloropropene-	7.85	79	35541	49.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.32%			
47) 2-Hexanone-d5	8.31	63	79509	103.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102646	50.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.52%			
64) 1,2-Dichlorobenzene-d4	11.86	152	69224	51.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.72%			

Target Compounds						Qvalue
8) Chloroethane	1.40	64	1030	1.135	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	684	0.707	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	596	0.642	ug/L #	1
37) 1,2-Dichloropropane	6.33	63	7984	5.540	ug/L #	91
44) trans-1,3-Dichloropropene	7.85	75	1537	0.819	ug/L	83
48) 2-Hexanone	8.31	43	9635	5.080	ug/L #	66
51) Chlorobenzene	9.12	112	90780	30.783	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	2795	1.294	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	10642	4.887	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	8489	3.951	ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	796	0.536	ug/L #	87
69) Naphthalene	13.75	128	1621	0.317	ug/L #	69

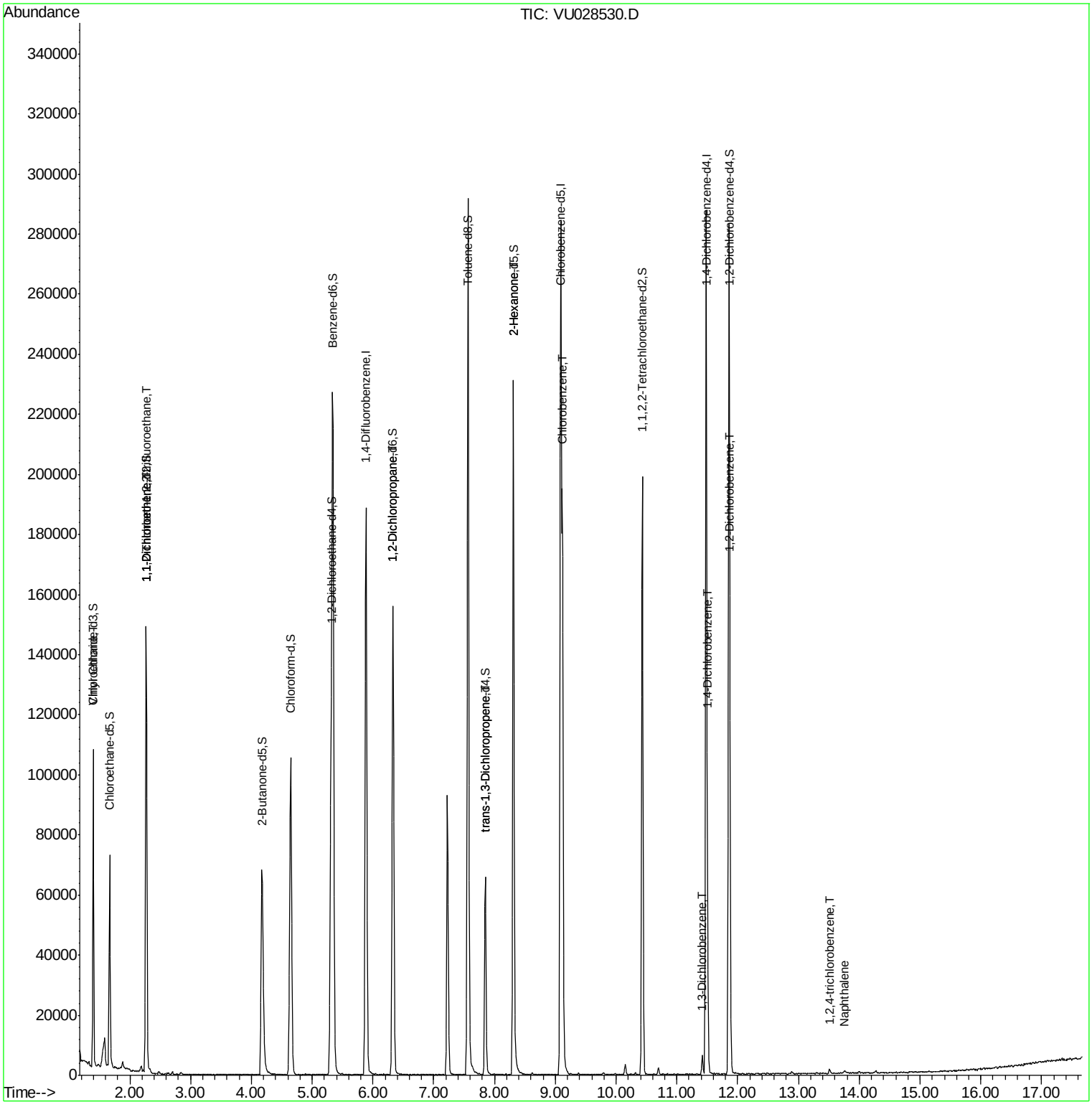
(#) = qualifier out of range (m) = manual integration (+) = signals summed

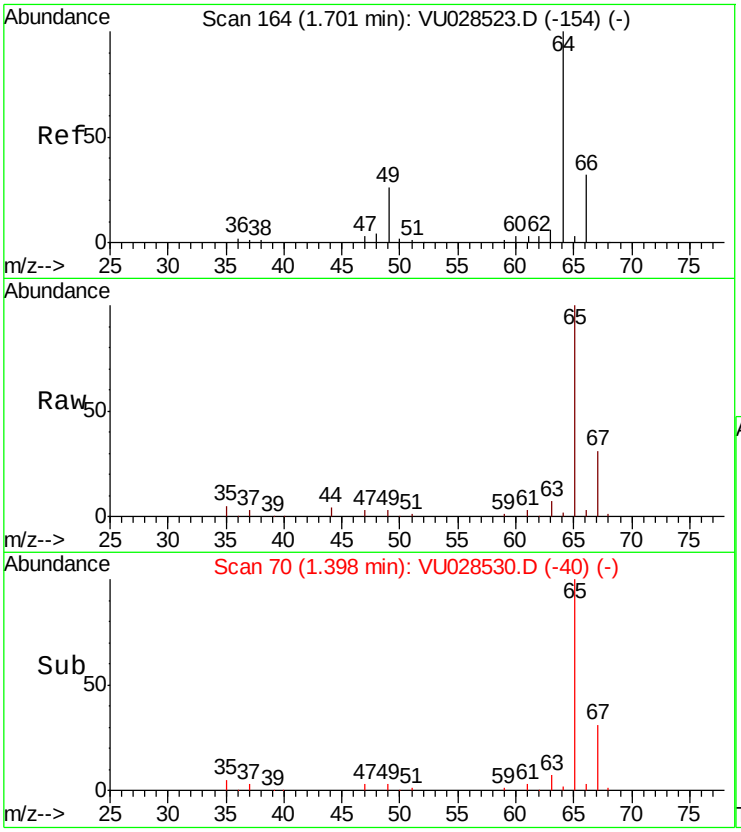
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120718\
Data File : VU028530.D
Acq On : 07 Dec 2018 14:22
Operator : MD/SY
Sample : J6238-04 10X
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE7Z5DL

Quant Time: Dec 07 22:57:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 07 22:52:51 2018
Response via : Initial Calibration



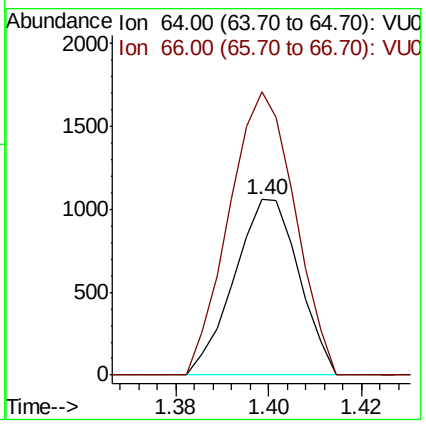


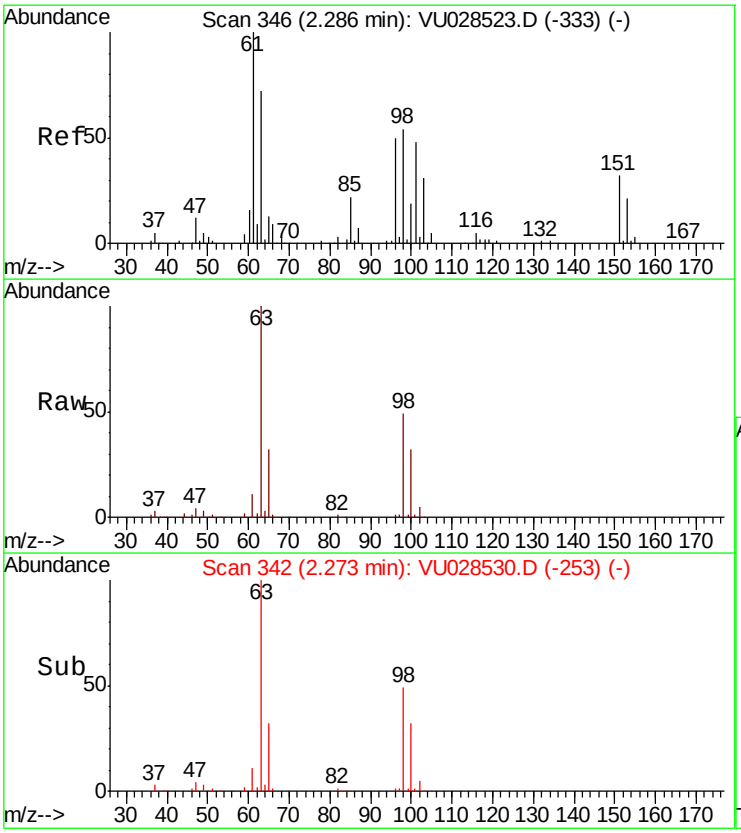
#8
Chloroethane
Concen: 1.135 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.30 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Instrument : MSVOA_U
ClientSampleId : BE7Z5DL

Tgt Ion: 64 Resp: 1030

Ion	Ratio	Lower	Upper
64	100		
66	161.0	22.4	41.6#

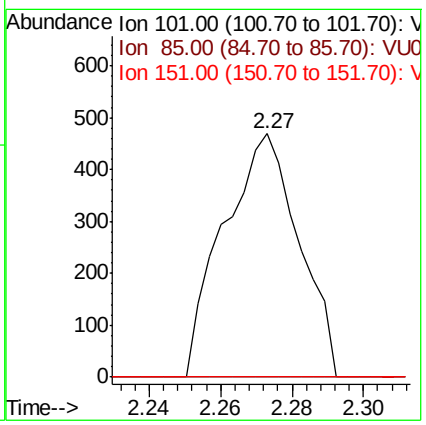


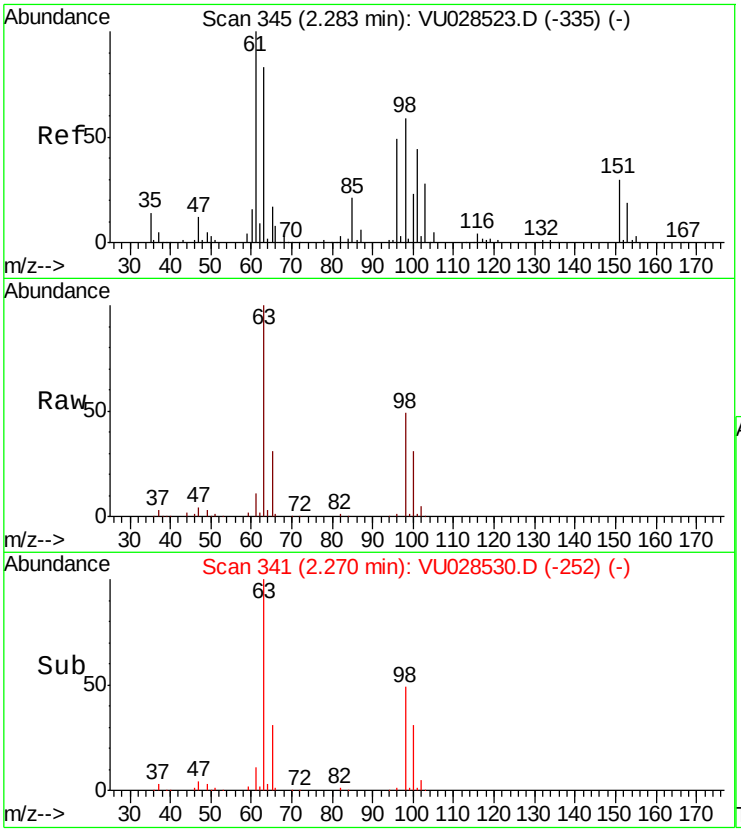


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.707 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Tgt Ion:101 Resp: 684

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	55.8	83.8#



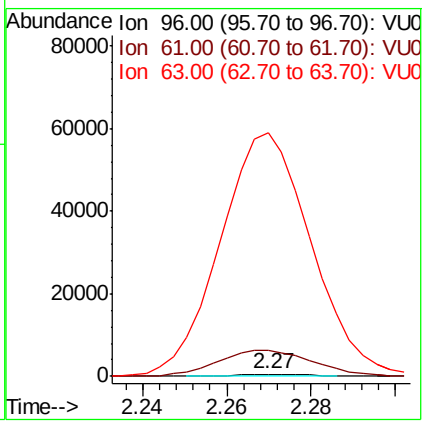


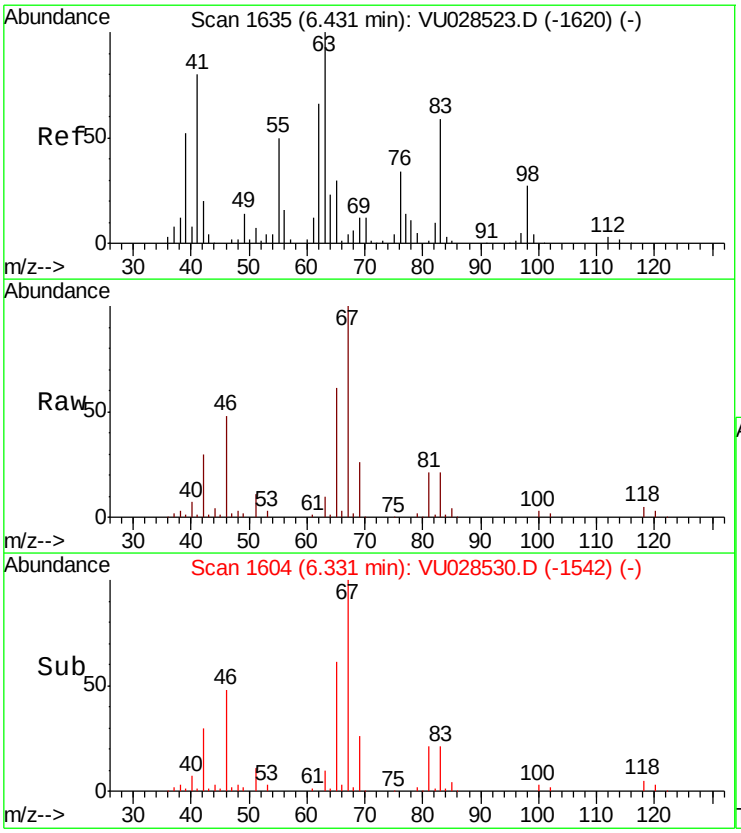
#12
1,1-Dichloroethene
Concen: 0.642 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Instrument : MSVOA_U
ClientSampleId : BE7Z5DL

Tgt Ion: 96 Resp: 596

Ion	Ratio	Lower	Upper
96	100		
61	1314.2	143.2	266.0#
63	12344.8	130.1	241.7#

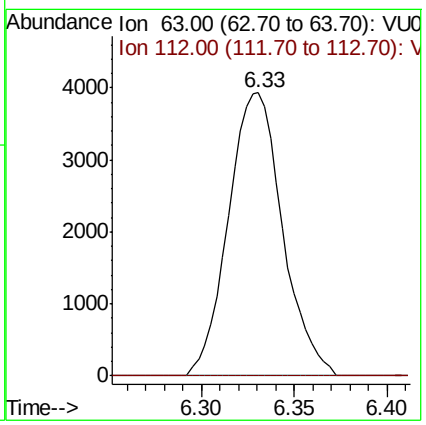


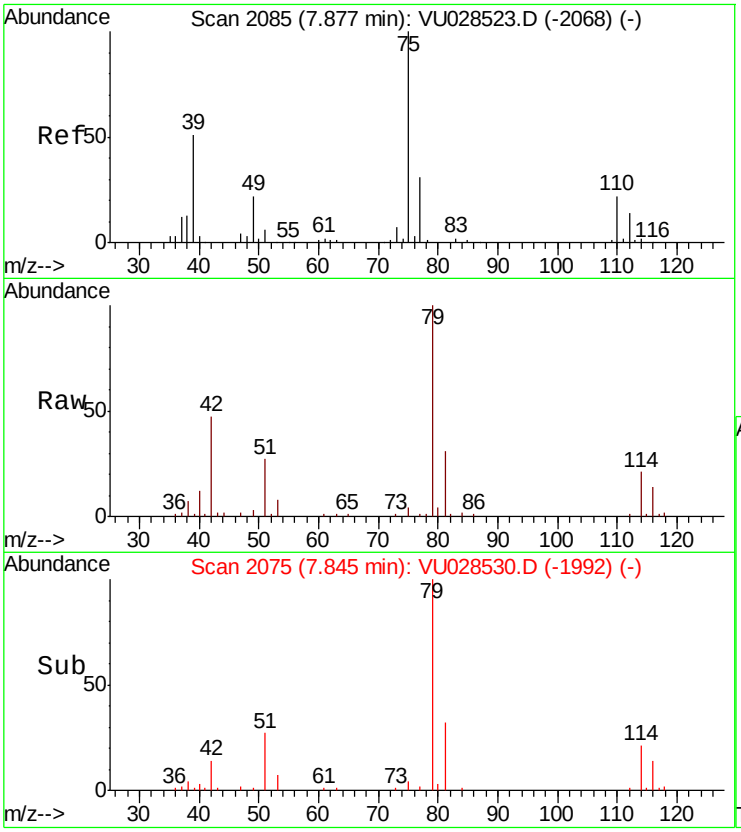


#37
1,2-Dichloropropane
Concen: 5.540 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Tgt Ion: 63 Resp: 7984

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.4	3.6#



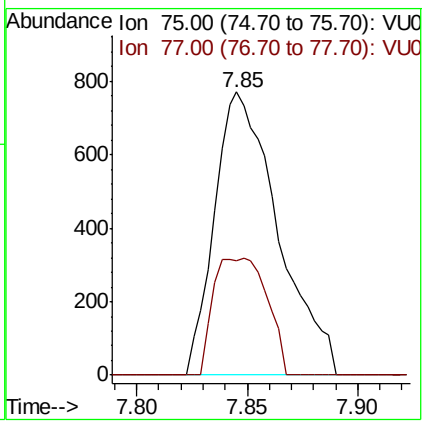


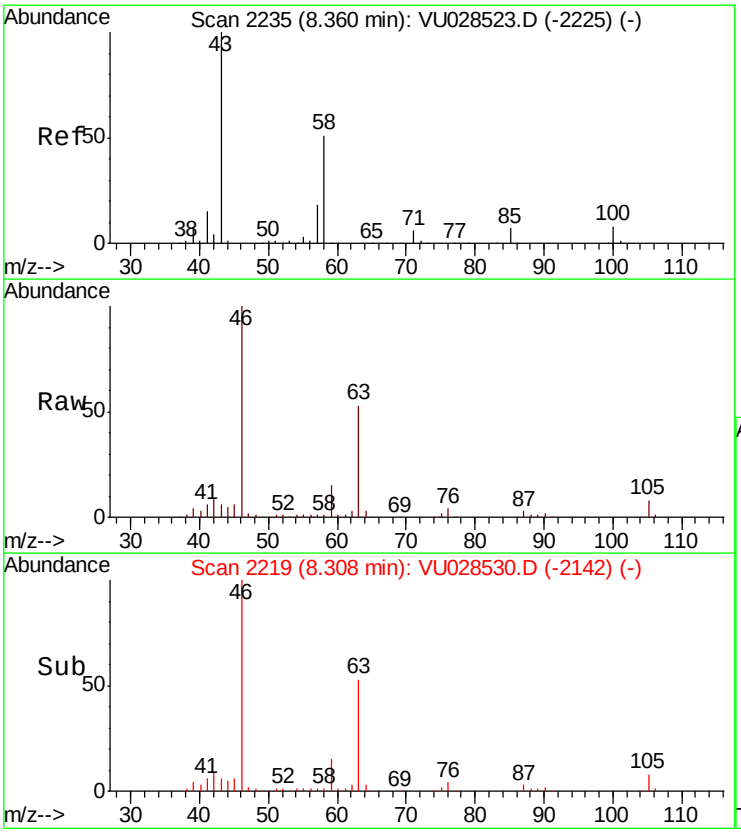
#44
trans-1,3-Dichloropropene
Concen: 0.819 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Instrument :
MSVOA_U
ClientSampleId :
BE7Z5DL

Tgt Ion: 75 Resp: 1537

Ion	Ratio	Lower	Upper
75	100		
77	40.3	21.8	40.6

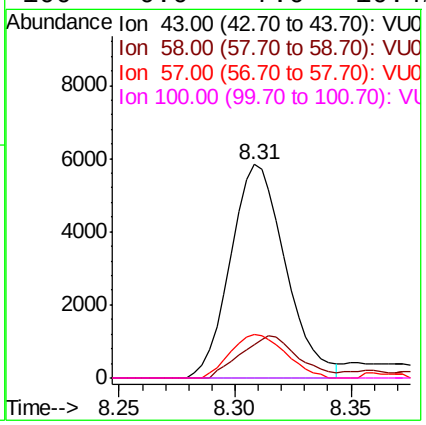


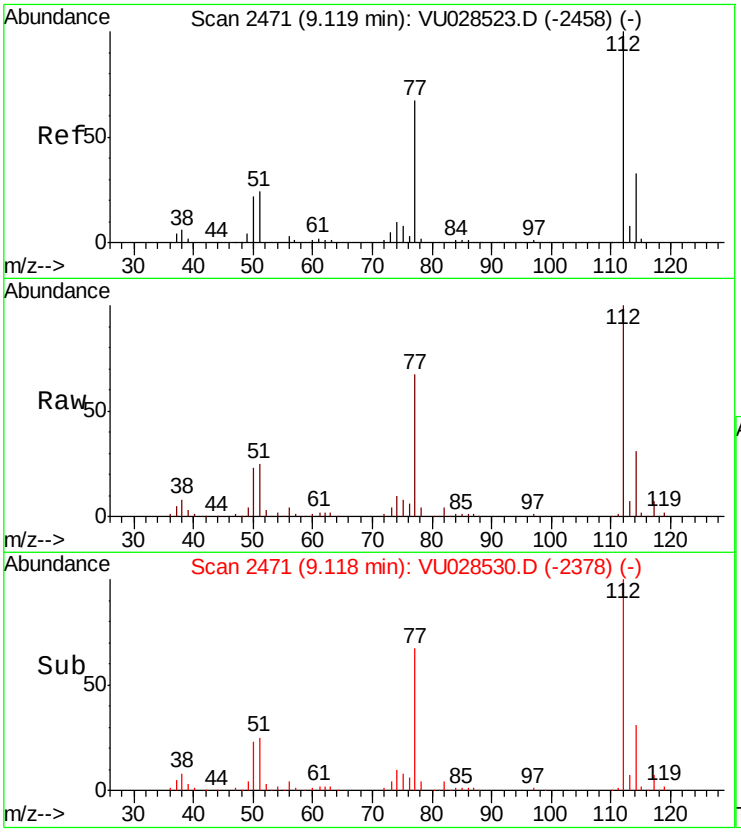


#48
2-Hexanone
Concen: 5.080 ug/L
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Tgt Ion: 43 Resp: 9635

Ion	Ratio	Lower	Upper
43	100		
58	20.4	41.6	62.4#
57	20.5	13.8	20.6
100	0.0	7.0	10.4#



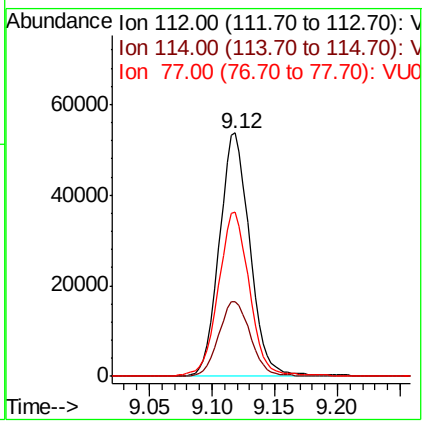


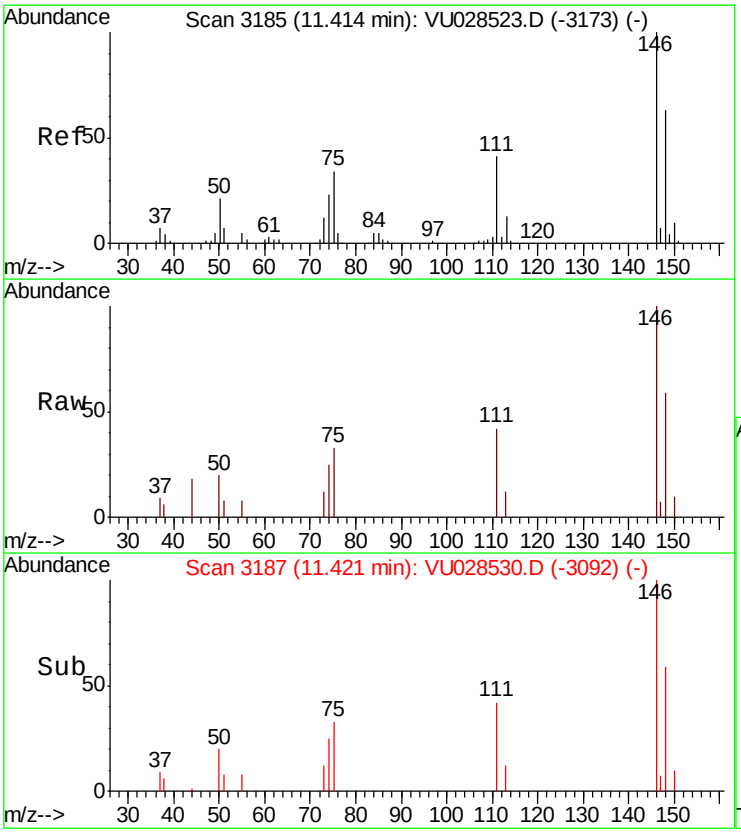
#51
Chlorobenzene
Concen: 30.783 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Instrument : MSVOA_U
ClientSampleId : BE7Z5DL

Tgt Ion:112 Resp: 90780

Ion	Ratio	Lower	Upper
112	100		
114	30.9	23.0	42.6
77	67.4	53.9	80.9

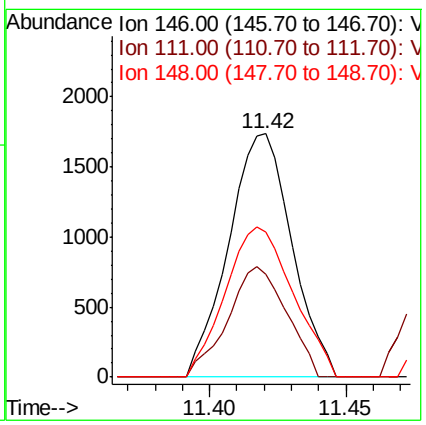


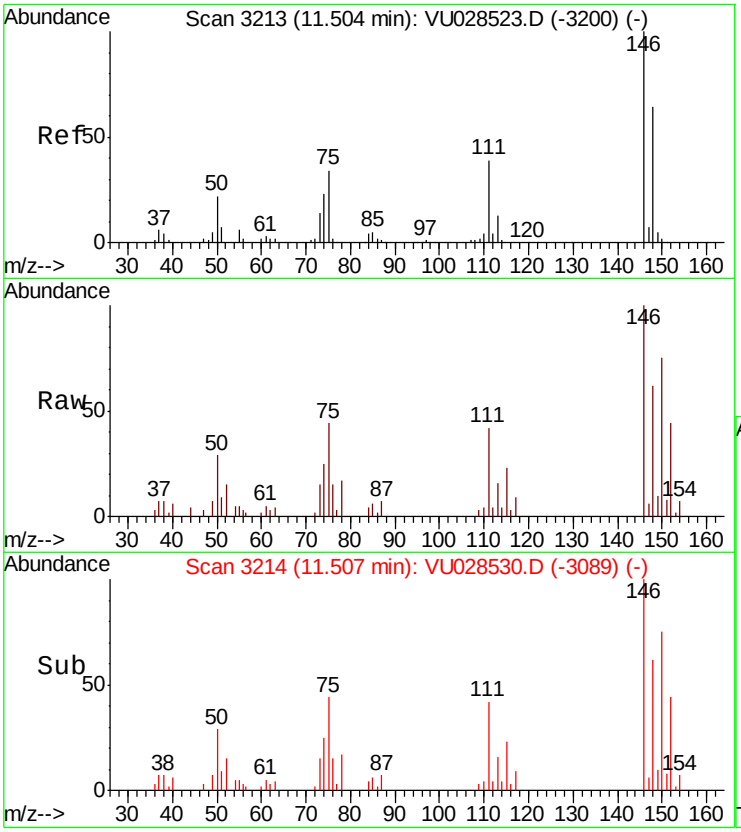


#62
1,3-Dichlorobenzene
Concen: 1.294 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.01 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Tgt Ion:146 Resp: 2795

Ion	Ratio	Lower	Upper
146	100		
111	42.4	28.5	52.9
148	59.5	43.9	81.5



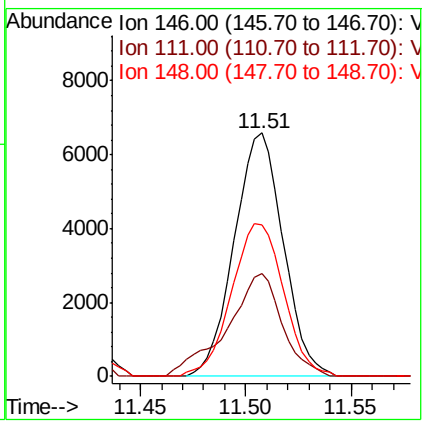


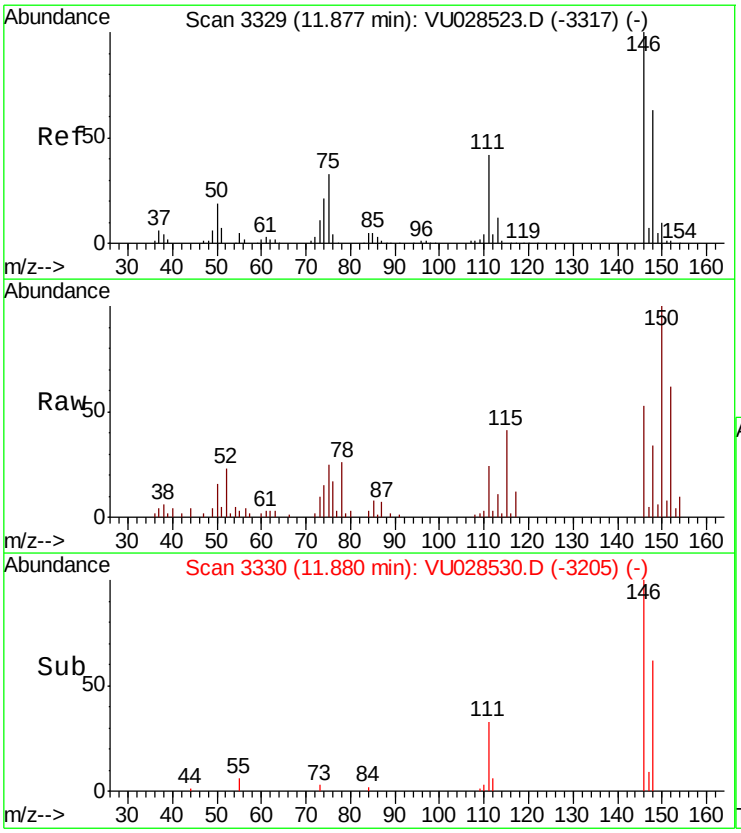
#63
1,4-Dichlorobenzene
Concen: 4.887 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Instrument :
MSVOA_U
ClientSampleId :
BE7Z5DL

Tgt Ion:146 Resp: 10642

Ion	Ratio	Lower	Upper
146	100		
111	42.4	27.6	51.4
148	62.0	45.1	83.9

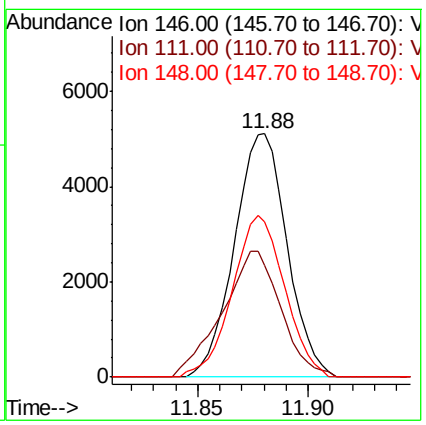


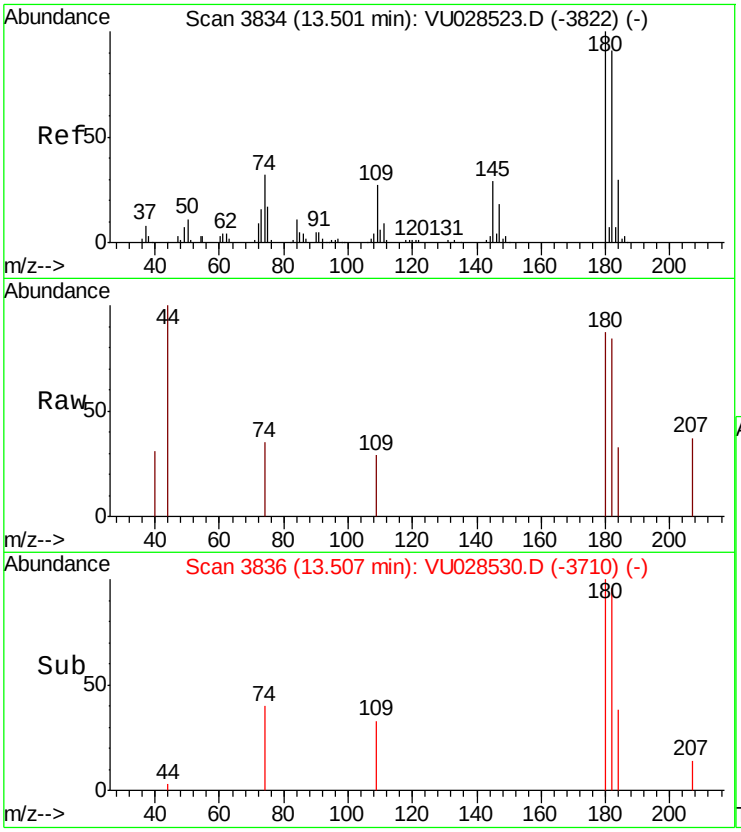


#65
1,2-Dichlorobenzene
Concen: 3.951 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Tgt Ion:146 Resp: 8489

Ion	Ratio	Lower	Upper
146	100		
111	45.8	33.4	50.2
148	63.9	50.2	75.2



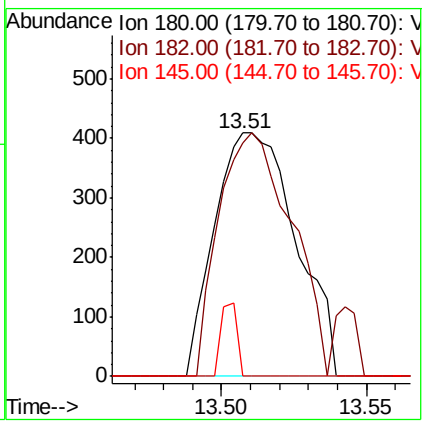


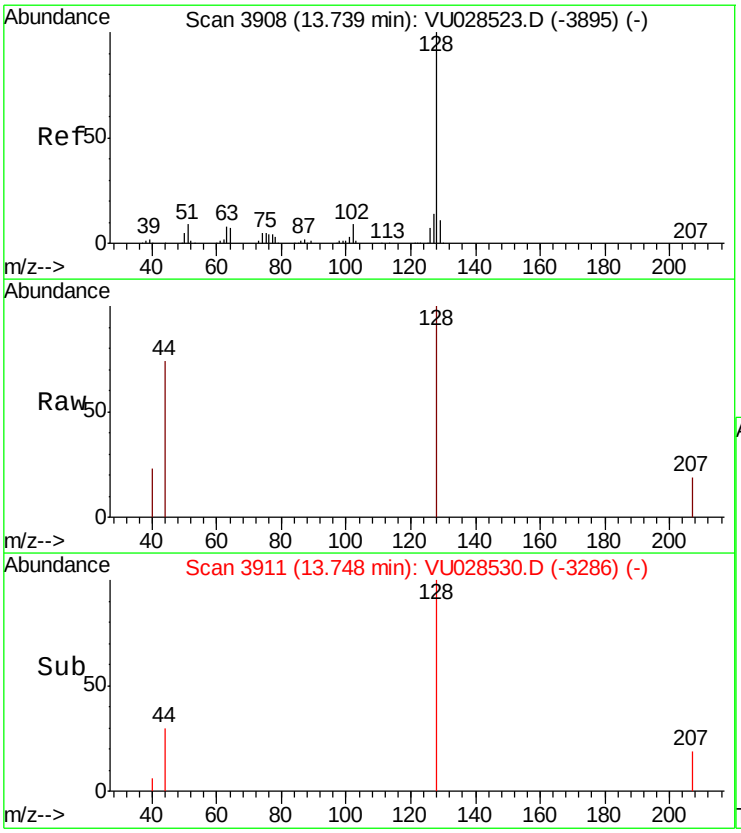
#68
1,2,4-trichlorobenzene
Concen: 0.536 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.01 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Instrument :
MSVOA_U
ClientSampleId :
BE7Z5DL

Tgt Ion:180 Resp: 796

Ion	Ratio	Lower	Upper
180	100		
182	89.6	74.8	112.2
145	5.8	23.0	34.6#





#69
Naphthalene
Concen: 0.317 ug/L
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU028530.D
Acq: 07 Dec 2018 14:22

Tgt Ion:128 Resp: 1621

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.6	13.0#