Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122019\
Data File : VU036313.D
Acq On : 20 Dec 2019 13:09
Operator : JC/MD
Sample : K6282-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Quant Time: Dec 20 22:23:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 22:20:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	244274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	269075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	110962	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	101415	4.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.20%			
7) Chloroethane-d5	1.93	69	92991	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.59	63	106969	3.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.00%			
20) 2-Butanone-d5	4.68	46	182303	45.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.48%			
24) Chloroform-d	5.11	84	160484	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.75	65	83461	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
32) Benzene-d6	5.77	84	289475	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
36) 1,2-Dichloropropane-d6	6.73	67	95530	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%			
41) Toluene-d8	7.93	98	236034	3.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.20%			
43) trans-1,3-Dichloropropene-	8.21	79	35478	4.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.00%			
46) 2-Hexanone-d5	8.67	63	139997	41.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.50%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	84028	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	96800	4.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	2129	0.117	ug/L #	1
13) Acetone	2.66	43	10085	2.871	ug/L	92
16) Methylene chloride	3.08	84	39286	1.475	ug/L	97
17) Methyl tert-butyl Ether	3.42	73	4455	0.115	ug/L #	83
22) cis-1,2-Dichloroethene	4.72	96	48218	2.368	ug/L	95
34) Trichloroethene	6.58	95	176634	8.285	ug/L	97
35) Methylcyclohexane	6.73	83	22226	0.733	ug/L #	20
37) 1,2-Dichloropropane	6.73	63	10301	0.488	ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	2448	0.085	ug/L #	53
42) Toluene	8.00	91	96222	1.086	ug/L	96
48) 2-Hexanone	8.67	43	17916	2.175	ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	12683	0.905	ug/L	93
62) 1,3-Dichlorobenzene	11.86	146	2636	0.070	ug/L	93
63) 1,4-Dichlorobenzene	11.86	146	2636	0.071	ug/L	94

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

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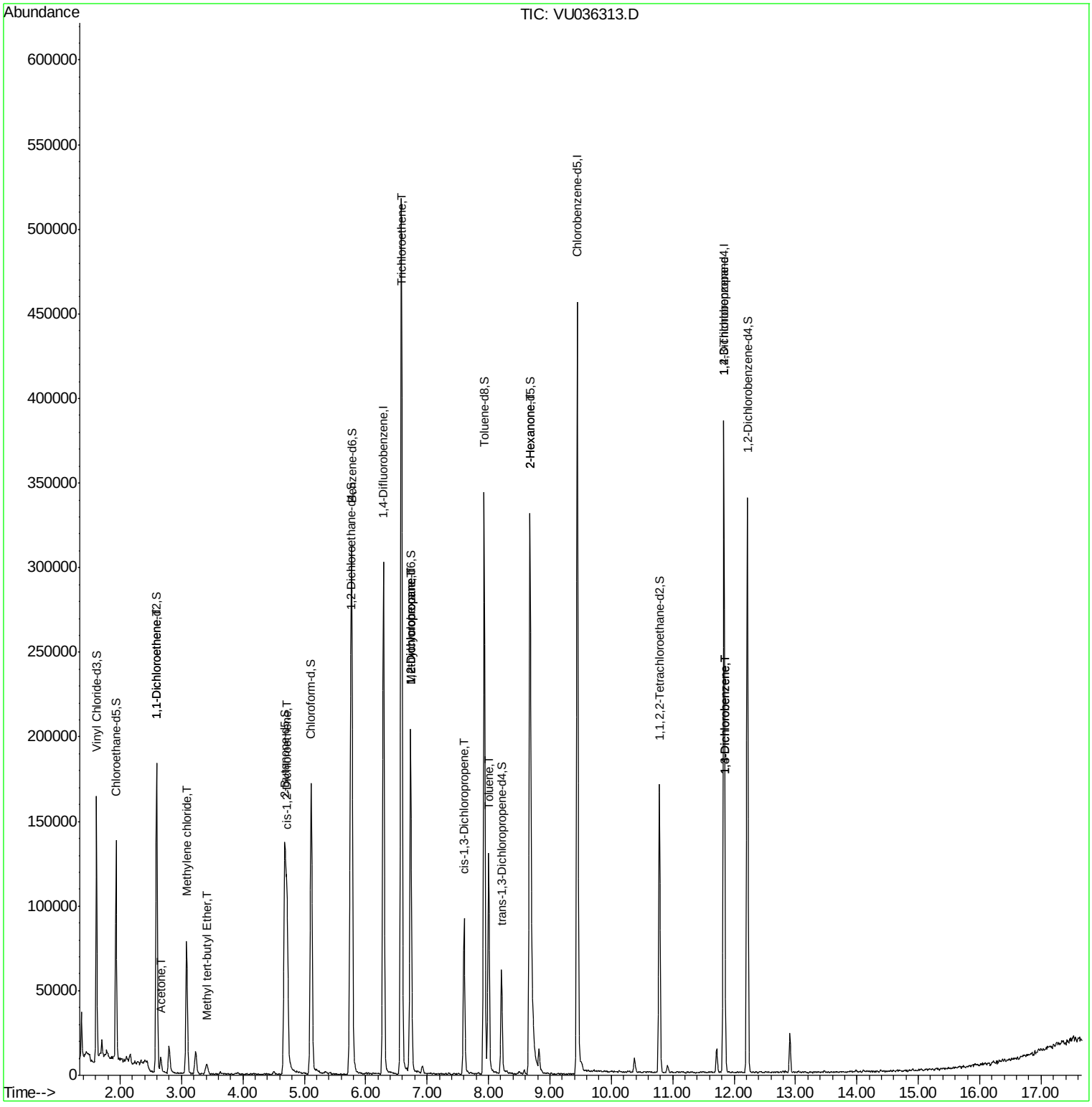
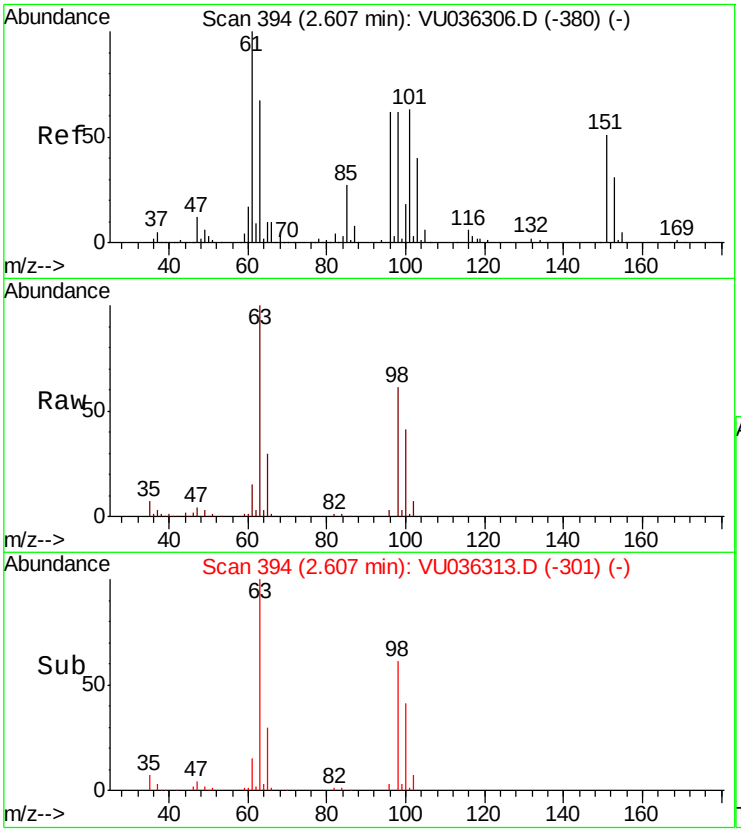
Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Quant Time: Dec 20 22:23:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 22:20:21 2019
Response via : Initial Calibration



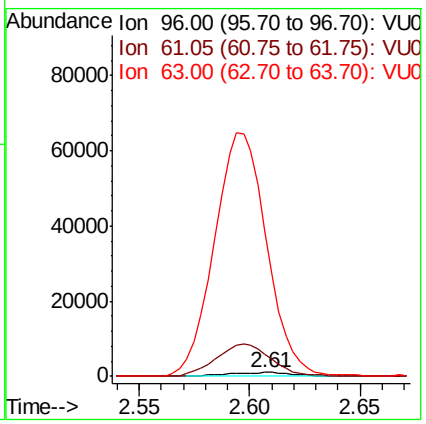


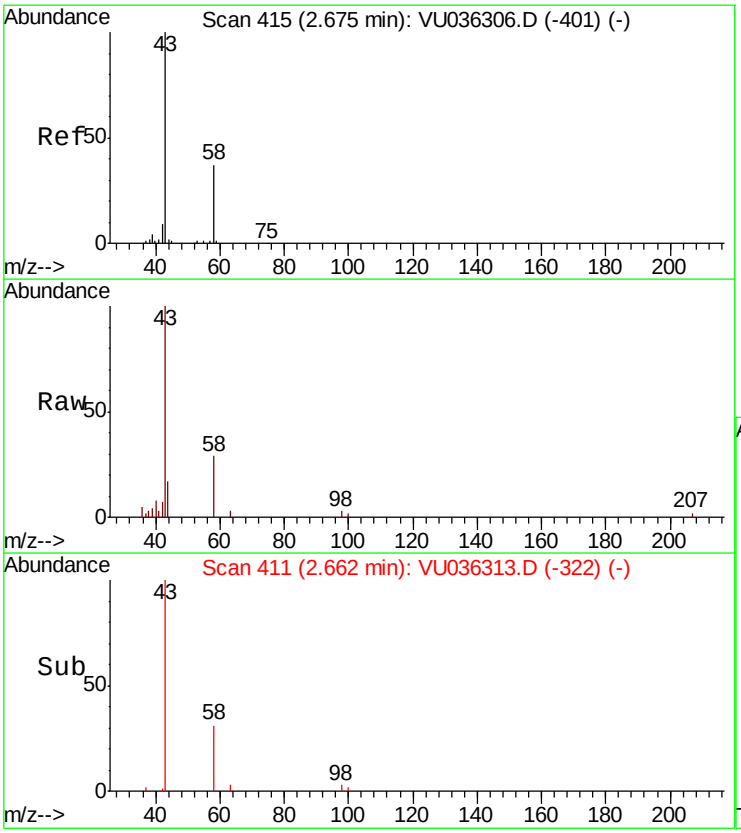
#12
1,1-Dichloroethene
Concen: 0.117 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion: 96 Resp: 2129

Ion	Ratio	Lower	Upper
96	100		
61	570.2	114.0	211.8#
63	3700.8	63.6	118.0#

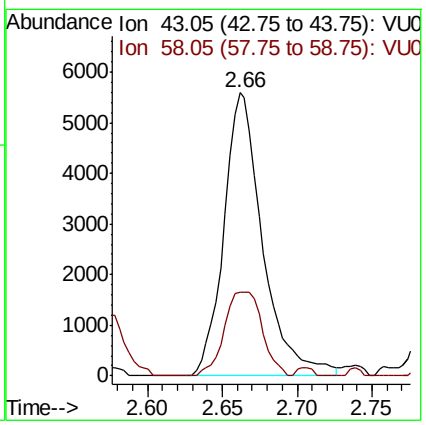


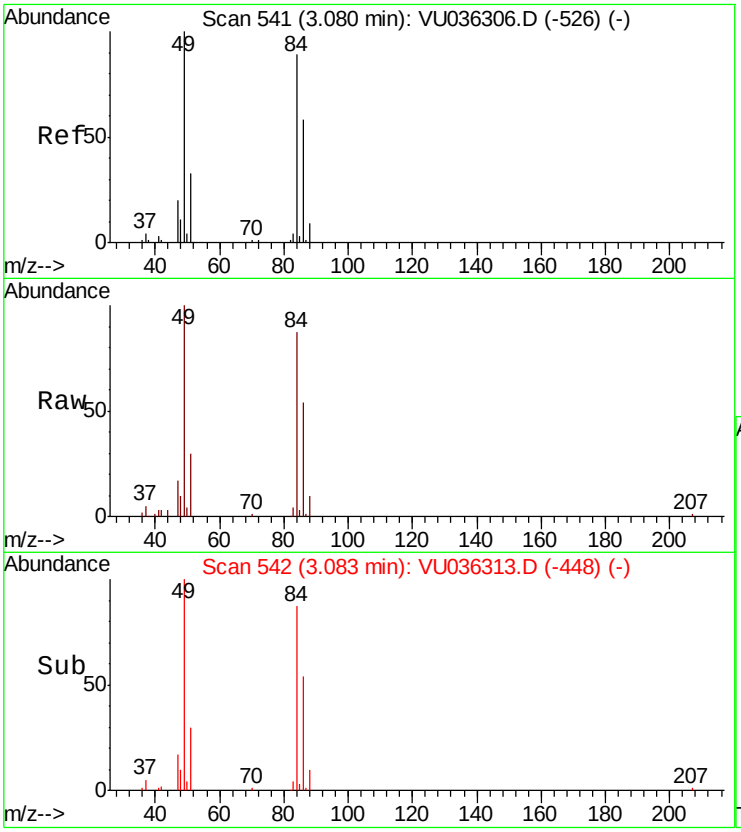


#13
Acetone
Concen: 2.871 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Tgt Ion: 43 Resp: 10085

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	67.6



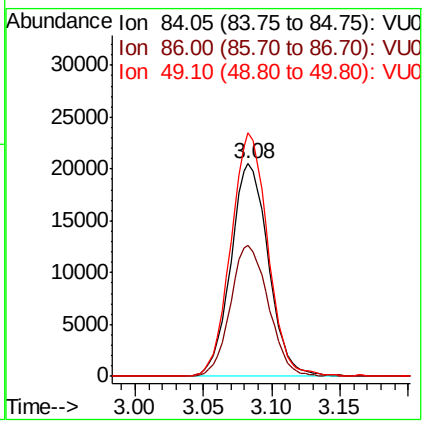


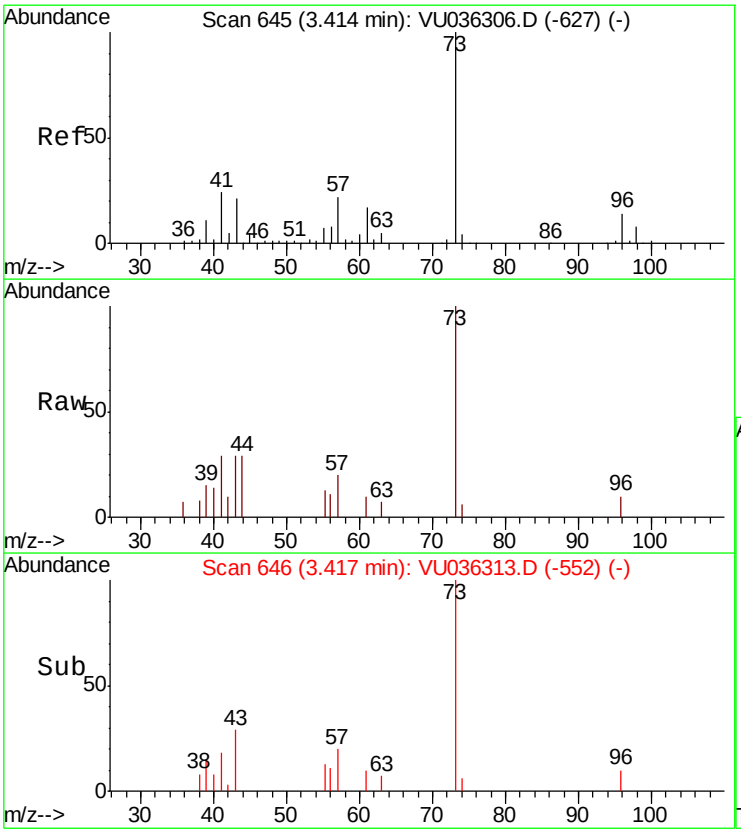
#16
Methylene chloride
Concen: 1.475 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion: 84 Resp: 39286

Ion	Ratio	Lower	Upper
84	100		
86	61.3	43.0	79.8
49	114.5	77.3	143.5

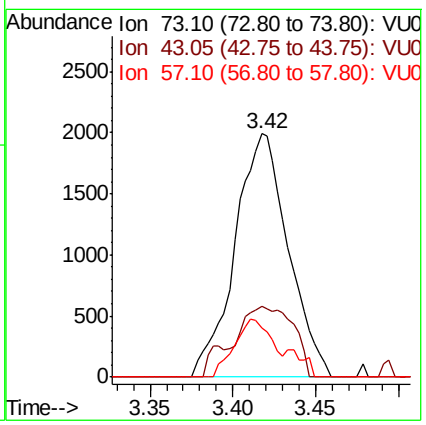


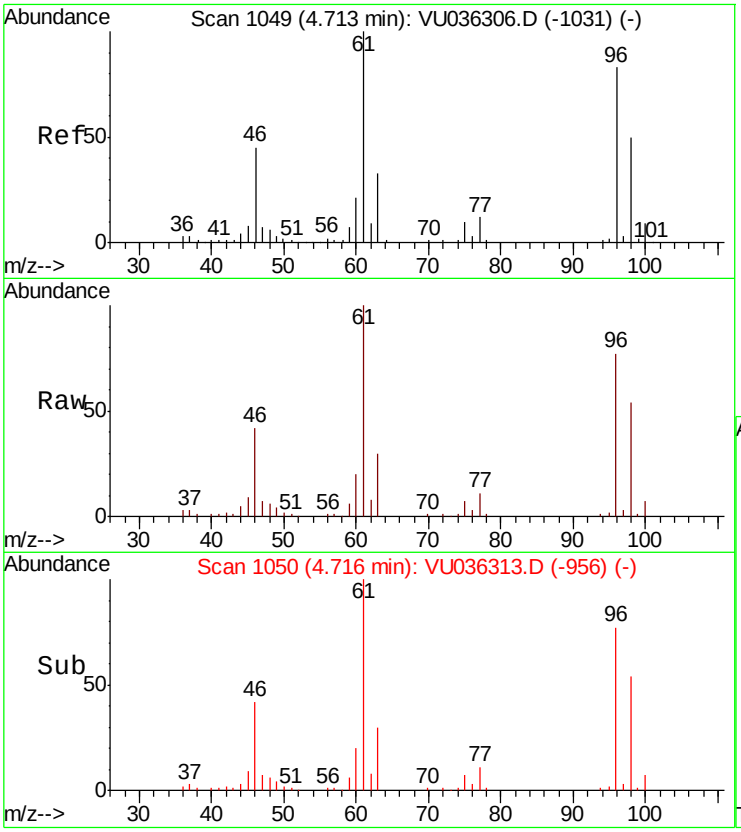


#17
Methyl tert-butyl Ether
Concen: 0.115 ug/L
RT: 3.42 min Scan# 646
Delta R.T. 0.00 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Tgt Ion: 73 Resp: 4455

Ion	Ratio	Lower	Upper
73	100		
43	28.9	15.3	22.9#
57	16.7	18.2	27.2#



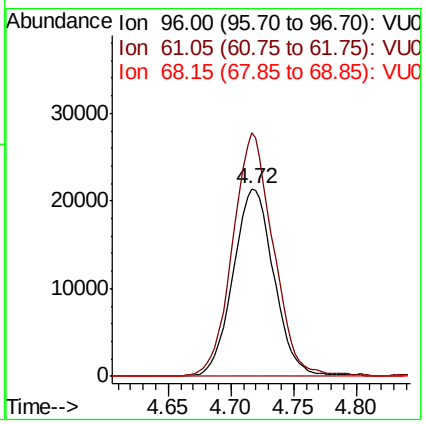


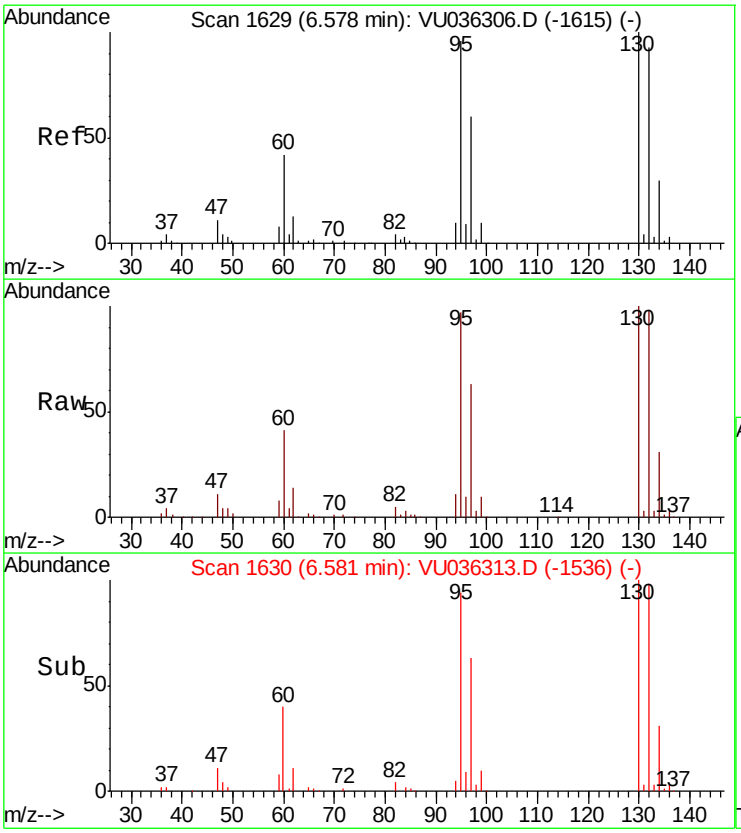
#22
cis-1,2-Dichloroethene
Concen: 2.368 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Instrument :
MSVOA_U
ClientSampleId :
BFDW7DL

Tgt Ion: 96 Resp: 48218

Ion	Ratio	Lower	Upper
96	100		
61	129.6	86.7	161.1
68	0.0	0.0	0.0

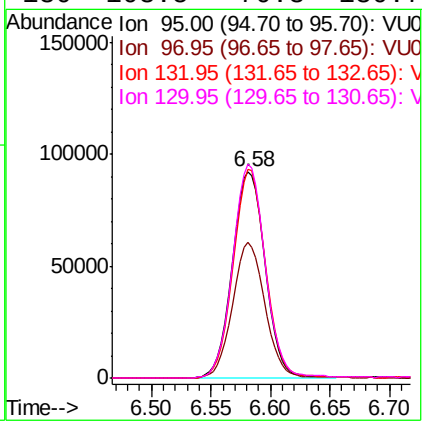


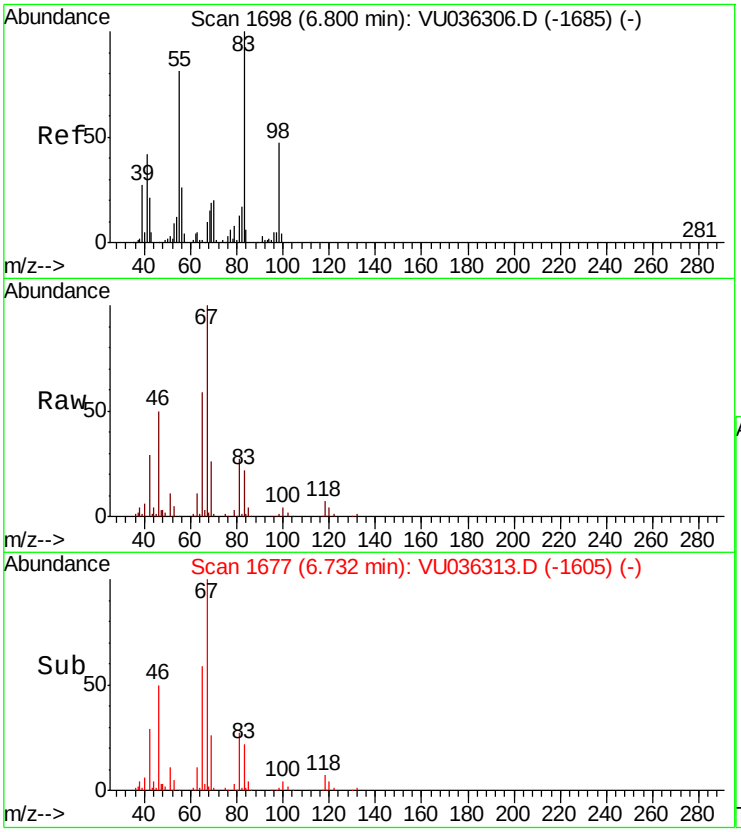


#34
Trichloroethene
Concen: 8.285 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Tgt Ion: 95 Resp: 176634

Ion	Ratio	Lower	Upper
95	100		
97	65.6	43.6	81.0
132	101.4	69.6	129.2
130	103.5	70.3	130.7



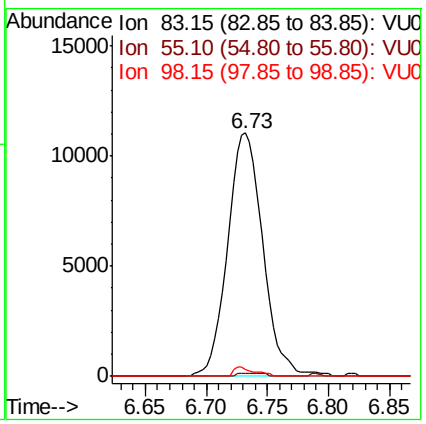


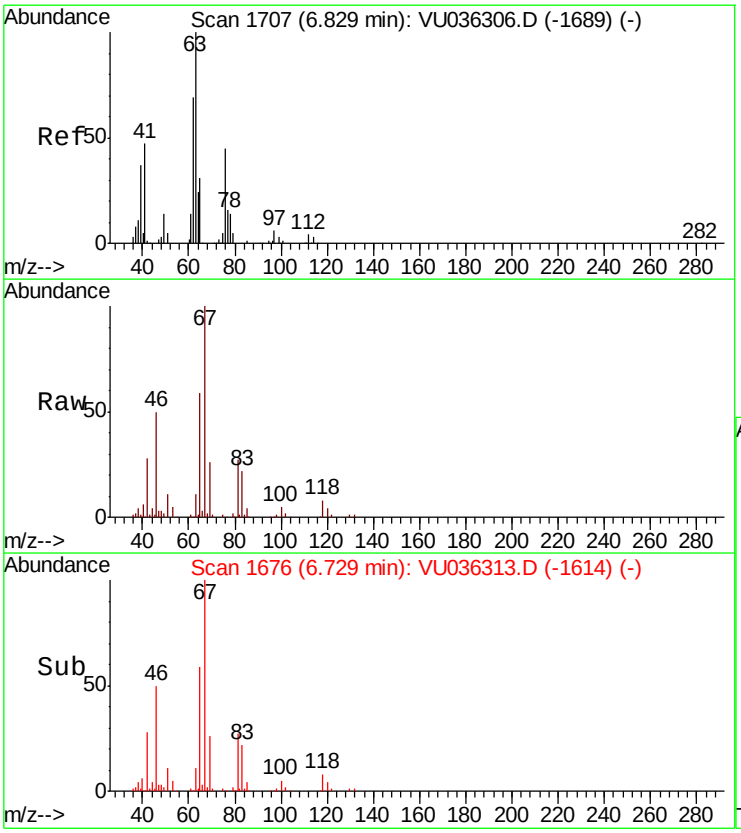
#35
Methylcyclohexane
Concen: 0.733 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion: 83 Resp: 22226

Ion	Ratio	Lower	Upper
83	100		
55	0.9	62.6	94.0#
98	2.1	36.2	54.2#

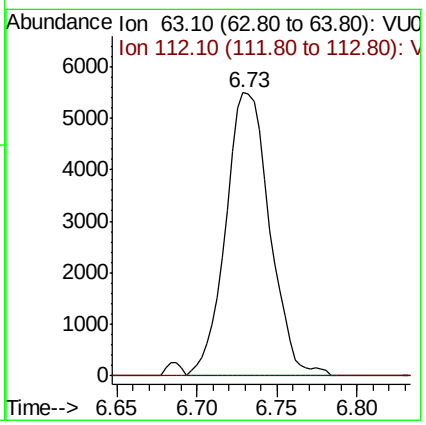


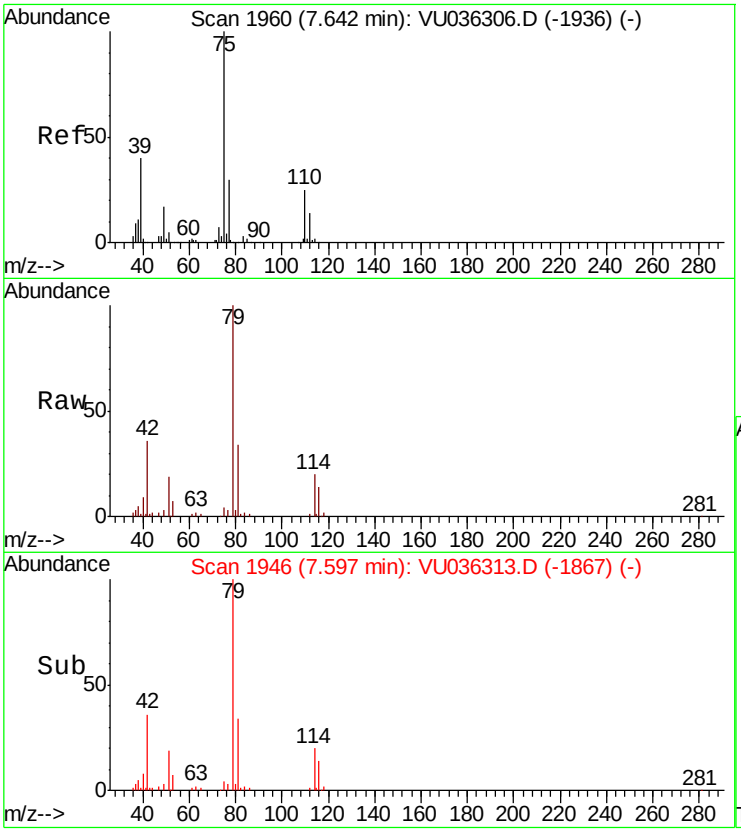


#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Tgt Ion: 63 Resp: 10301

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



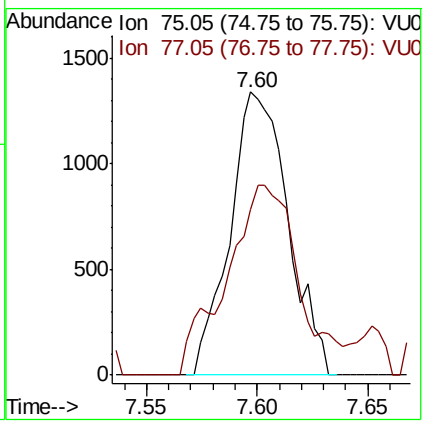


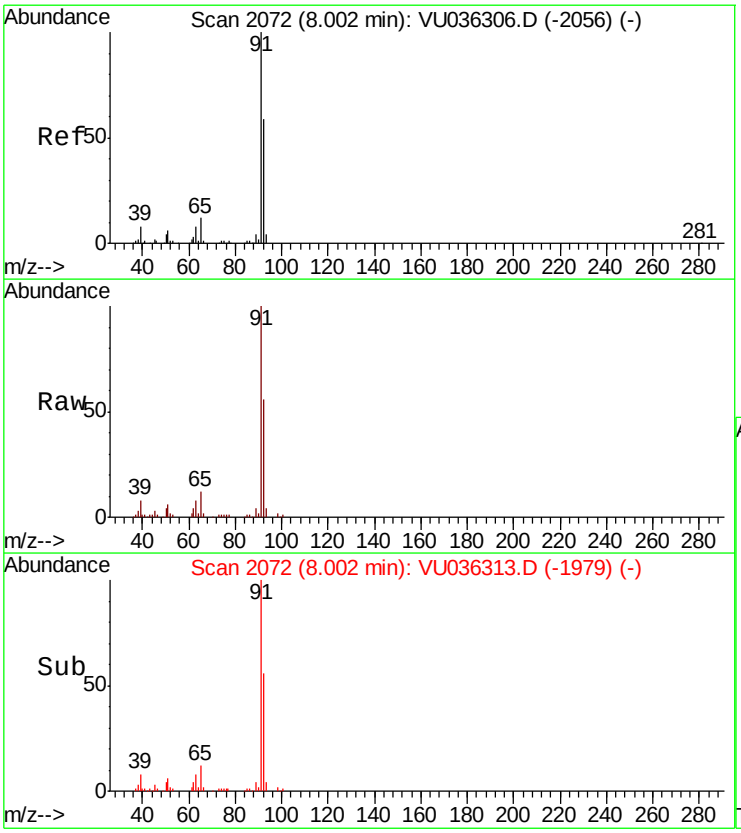
#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.05 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion: 75 Resp: 2448

Ion	Ratio	Lower	Upper
75	100		
77	58.7	22.7	42.1#

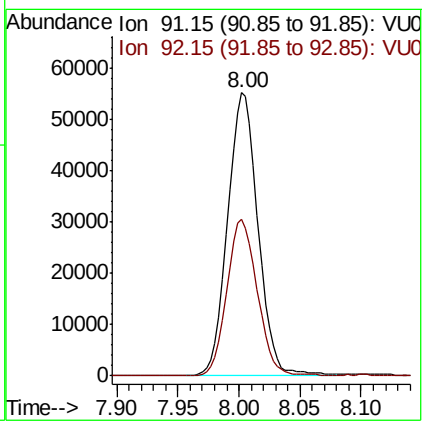


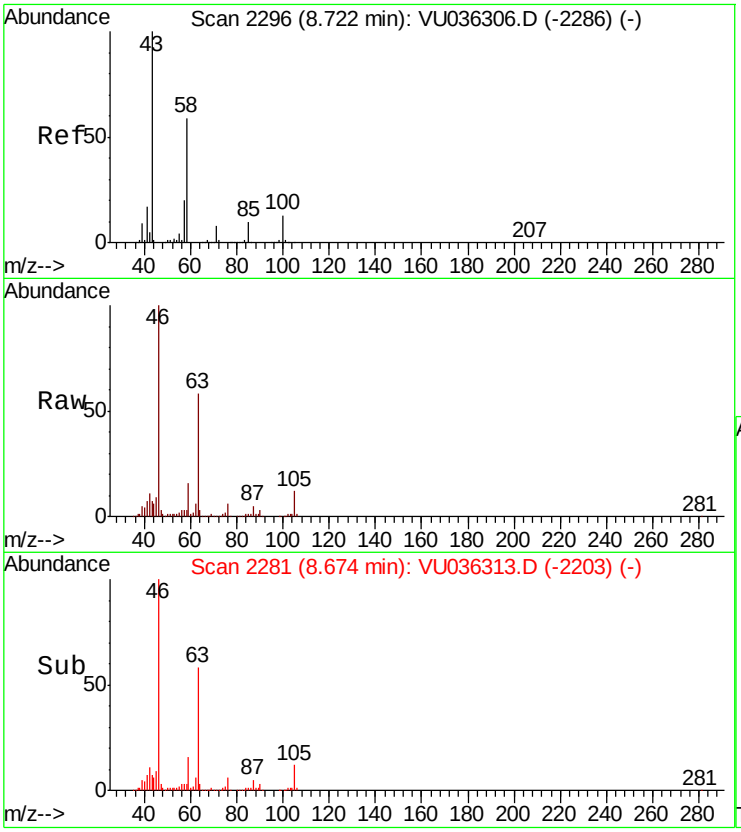


#42
Toluene
Concen: 1.086 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Tgt Ion: 91 Resp: 96222

Ion	Ratio	Lower	Upper
91	100		
92	55.6	41.2	76.6



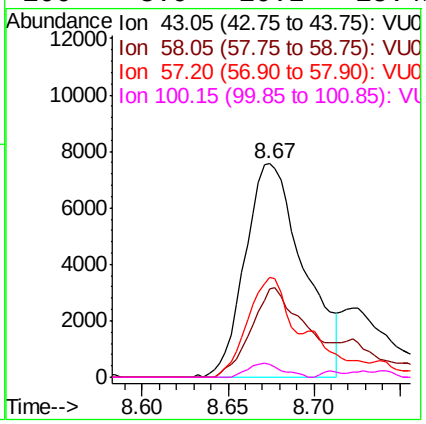


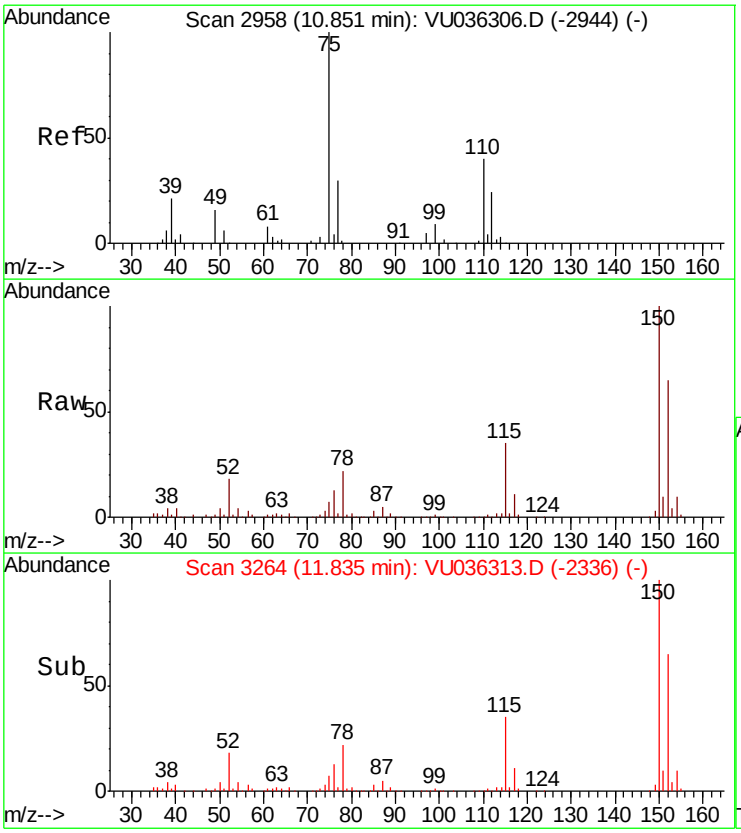
#48
2-Hexanone
Concen: 2.175 ug/L
RT: 8.67 min Scan# 2281
Delta R.T. -0.05 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion: 43 Resp: 17916

Ion	Ratio	Lower	Upper
43	100		
58	38.8	46.2	69.2#
57	33.8	16.2	24.4#
100	3.9	10.2	15.4#

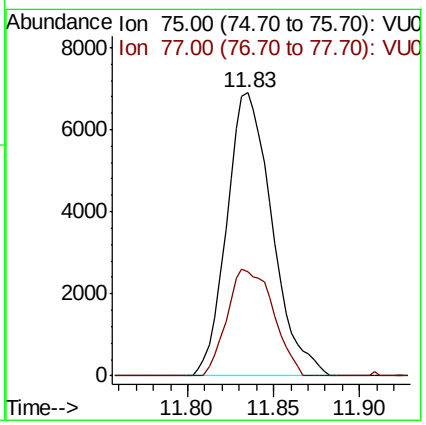


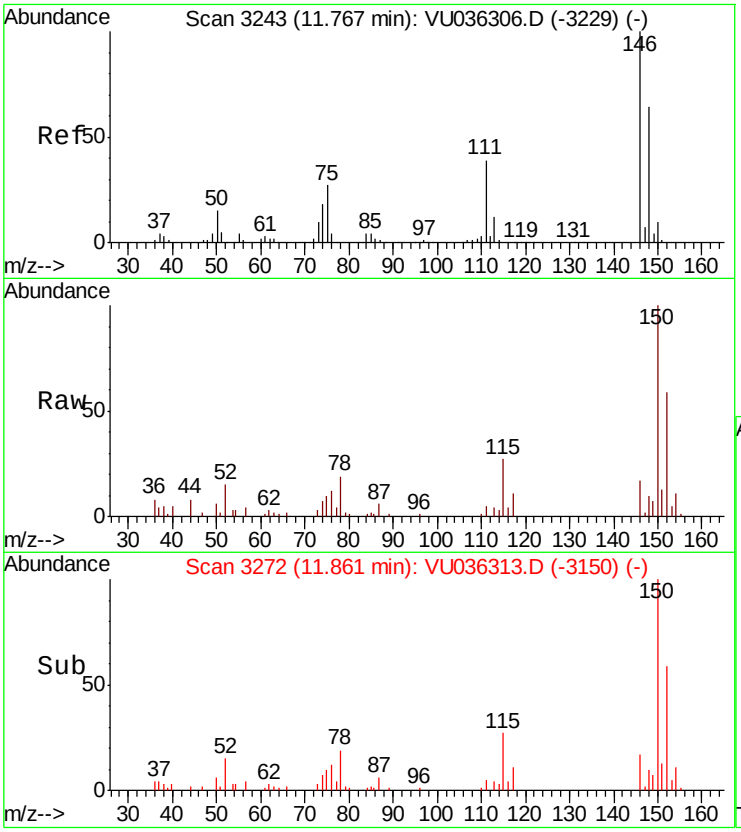


#59
1,2,3-Trichloropropane
Concen: 0.905 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.98 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Tgt Ion: 75 Resp: 12683

Ion	Ratio	Lower	Upper
75	100		
77	38.2	27.2	40.8



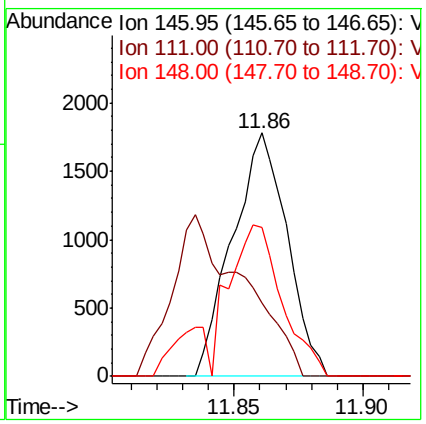


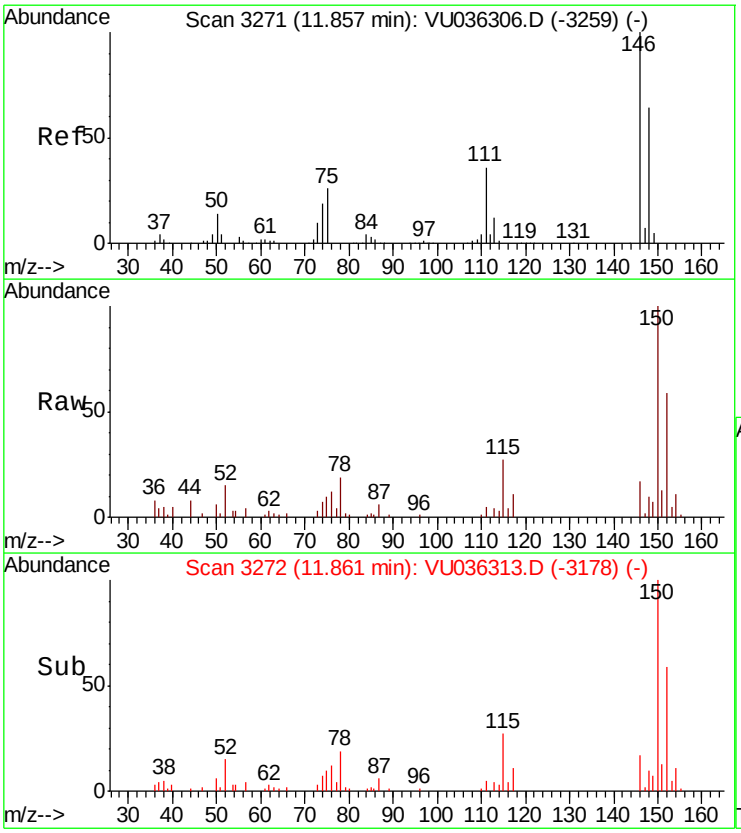
#62
1,3-Dichlorobenzene
Concen: 0.070 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.09 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion:146 Resp: 2636

Ion	Ratio	Lower	Upper
146	100		
111	30.3	26.3	48.9
148	60.9	45.1	83.9





#63
1,4-Dichlorobenzene
Concen: 0.071 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VU036313.D
Acq: 20 Dec 2019 13:09

Tgt Ion:146 Resp: 2636

Ion	Ratio	Lower	Upper
146	100		
111	30.3	25.8	48.0
148	60.9	44.7	82.9