Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122019\
Data File : VU036318.D
Acq On : 20 Dec 2019 15:16
Operator : JC/MD
Sample : K6282-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Quant Time: Dec 20 22:24:09 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	237272	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261242	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108847	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	94091	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.93	69	88436	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.59	63	101904	3.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%			
20) 2-Butanone-d5	4.68	46	181917	46.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.94%			
24) Chloroform-d	5.11	84	154007	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	5.75	65	82394	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.77	84	278355	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
36) 1,2-Dichloropropane-d6	6.73	67	91047	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.00%			
41) Toluene-d8	7.93	98	227858	3.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.80%			
43) trans-1,3-Dichloropropene-	8.21	79	34218	4.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.40%			
46) 2-Hexanone-d5	8.67	63	140468	43.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.30%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	82299	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.00%			
64) 1,2-Dichlorobenzene-d4	12.21	152	95017	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	2270	0.129	ug/L #	1
13) Acetone	2.66	43	12218	3.581	ug/L	94
16) Methylene chloride	3.08	84	25886	1.000	ug/L	97
17) Methyl tert-butyl Ether	3.41	73	6135	0.163	ug/L #	89
18) trans-1,2-Dichloroethene	3.39	96	1585	0.086	ug/L	91
22) cis-1,2-Dichloroethene	4.72	96	55022	2.782	ug/L	95
34) Trichloroethene	6.58	95	198602	9.595	ug/L	97
35) Methylcyclohexane	6.73	83	22844	0.776	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10007	0.489	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2403	0.086	ug/L #	73
42) Toluene	8.00	91	110680	1.286	ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	12038	0.884	ug/L	94
62) 1,3-Dichlorobenzene	11.86	146	3321	0.090	ug/L #	91
63) 1,4-Dichlorobenzene	11.86	146	3321	0.091	ug/L #	91

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

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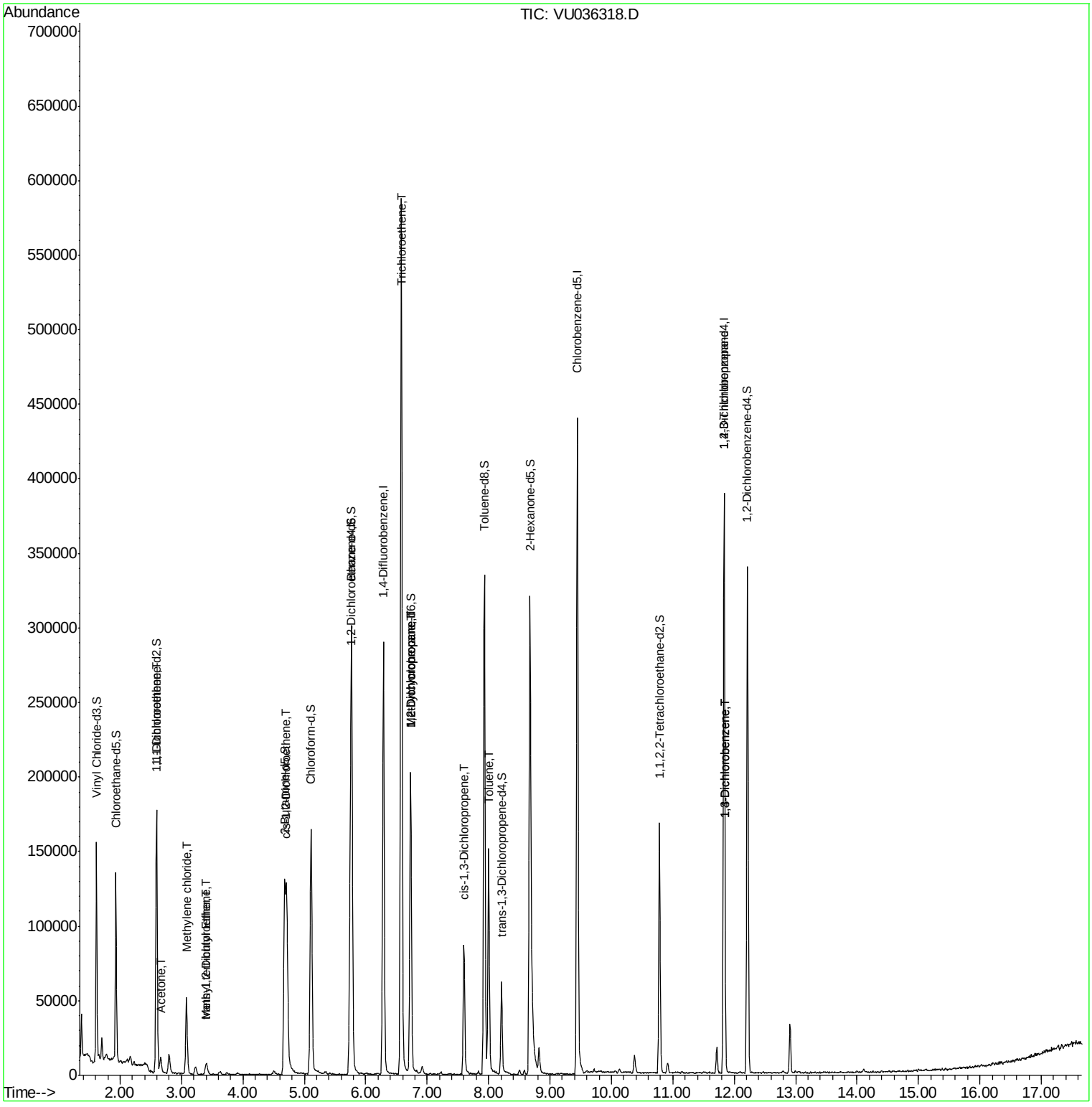
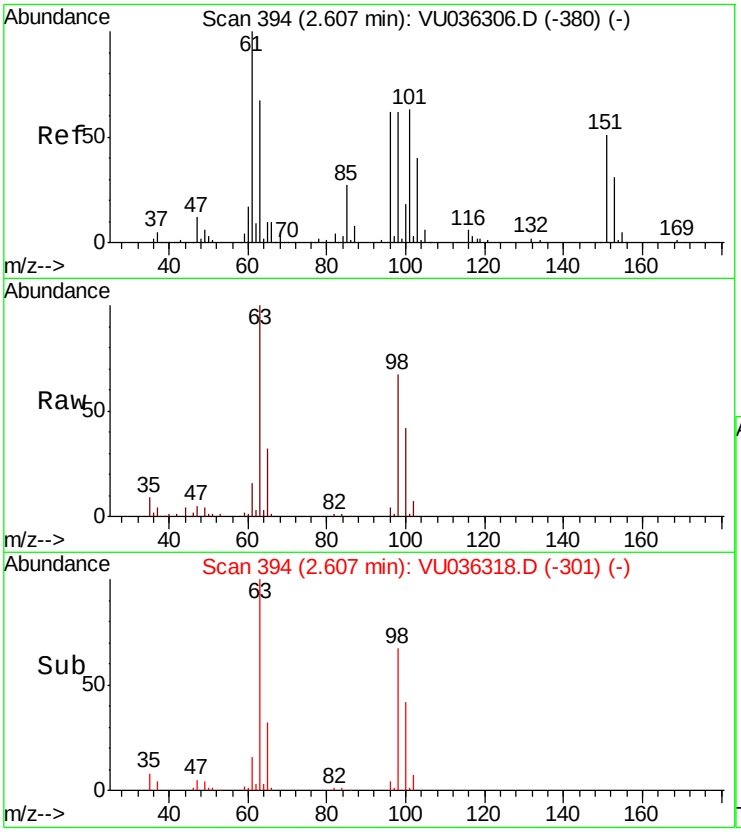
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDW7DL

Quant Time: Dec 20 22:24:09 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



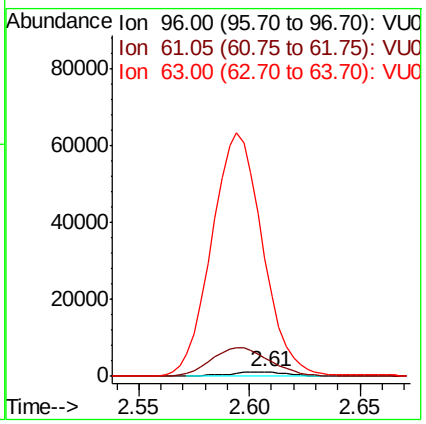


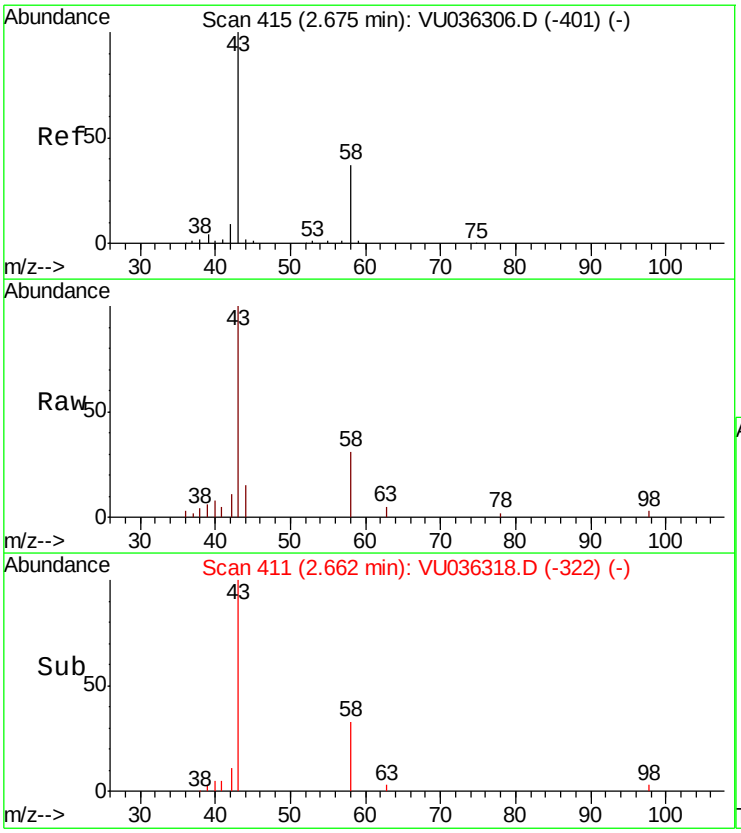
#12
1,1-Dichloroethene
Concen: 0.129 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion: 96 Resp: 2270

Ion	Ratio	Lower	Upper
96	100		
61	387.8	114.0	211.8#
63	2447.0	63.6	118.0#

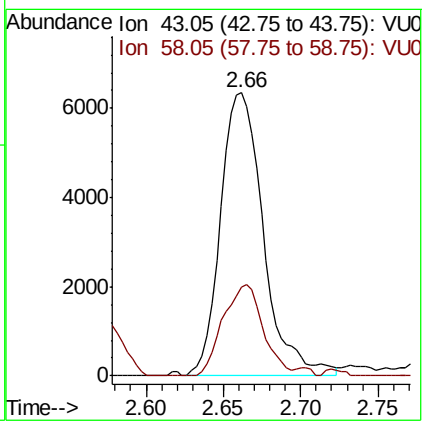


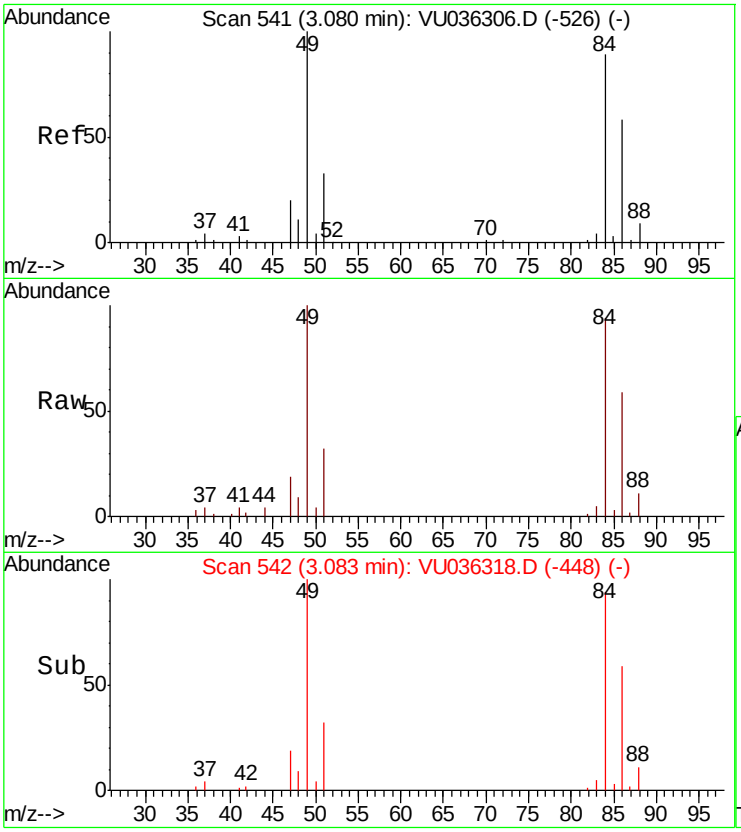


#13
Acetone
Concen: 3.581 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Tgt Ion: 43 Resp: 12218

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	67.6



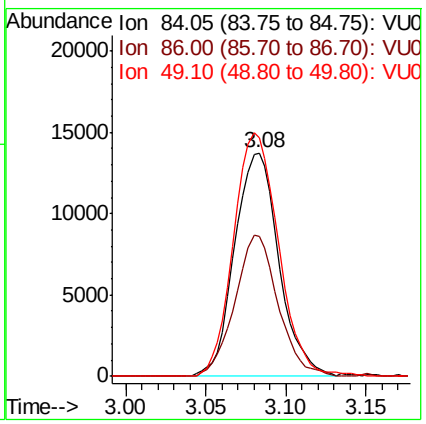


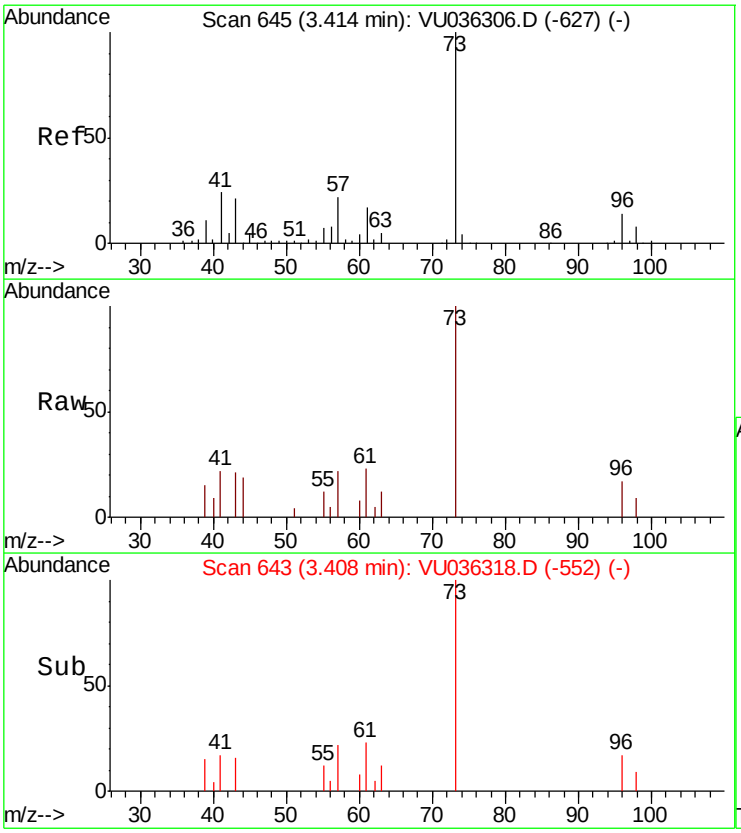
#16
Methylene chloride
Concen: 1.000 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion: 84 Resp: 25886

Ion	Ratio	Lower	Upper
84	100		
86	62.6	43.0	79.8
49	106.9	77.3	143.5

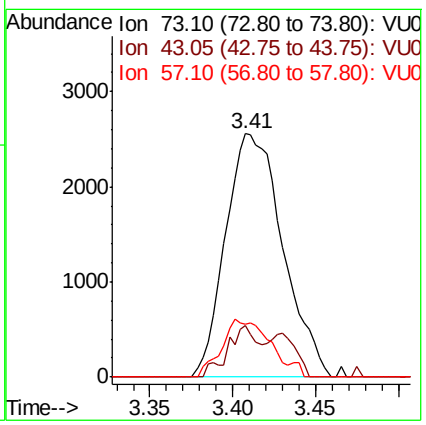


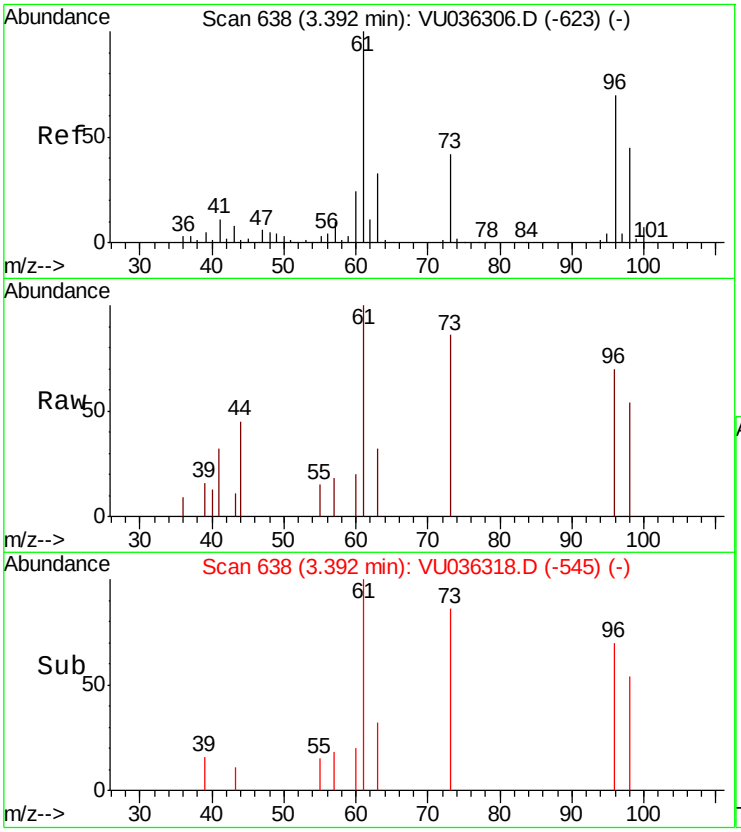


#17
Methyl tert-butyl Ether
Concen: 0.163 ug/L
RT: 3.41 min Scan# 643
Delta R.T. -0.01 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Tgt Ion: 73 Resp: 6135

Ion	Ratio	Lower	Upper
73	100		
43	11.0	15.3	22.9#
57	20.3	18.2	27.2



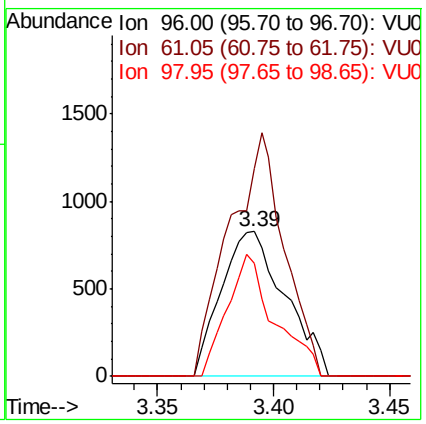


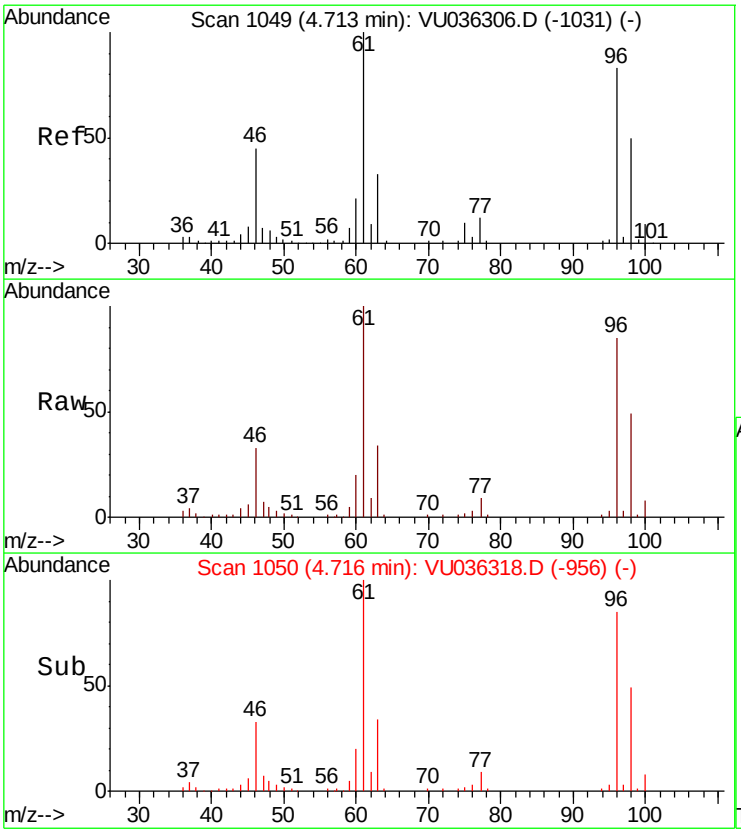
#18
trans-1,2-Dichloroethene
Concen: 0.086 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Instrument :
MSVOA_U
ClientSampleId :
BFDW7DL

Tgt Ion: 96 Resp: 1585

Ion	Ratio	Lower	Upper
96	100		
61	143.7	94.8	176.2
98	78.0	46.8	86.8

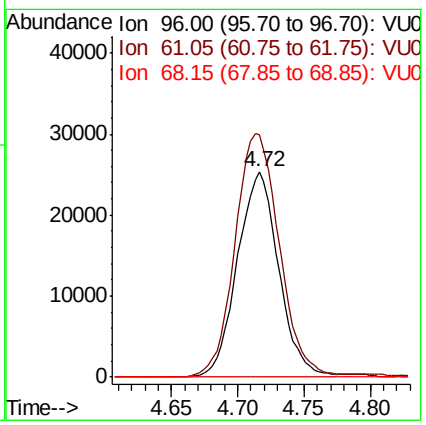


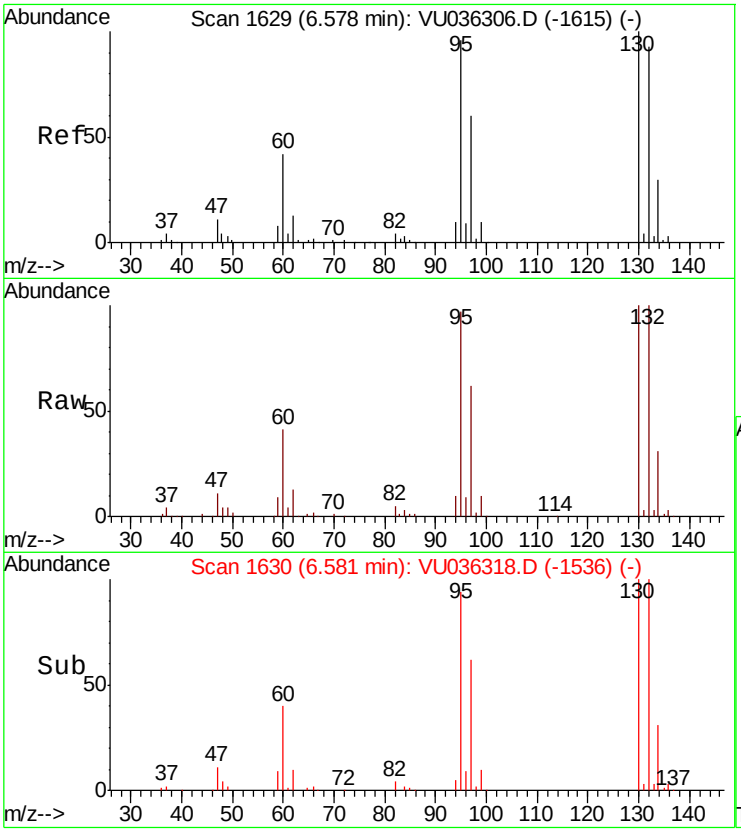


#22
cis-1,2-Dichloroethene
Concen: 2.782 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Tgt Ion: 96 Resp: 55022

Ion	Ratio	Lower	Upper
96	100		
61	117.8	86.7	161.1
68	0.0	0.0	0.0



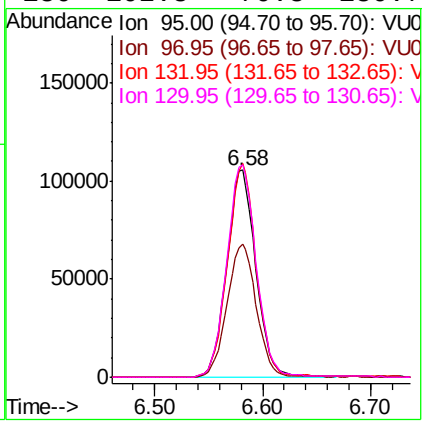


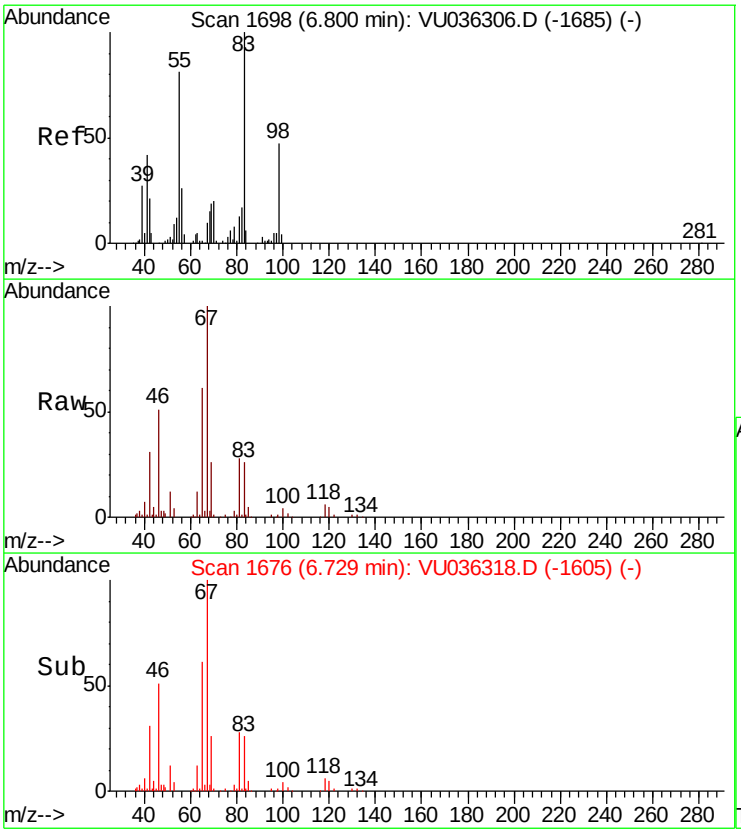
#34
Trichloroethene
Concen: 9.595 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Instrument :
MSVOA_U
ClientSampleId :
BFDW7DL

Tgt Ion: 95 Resp: 198602

Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.6	81.0
132	103.2	69.6	129.2
130	102.8	70.3	130.7

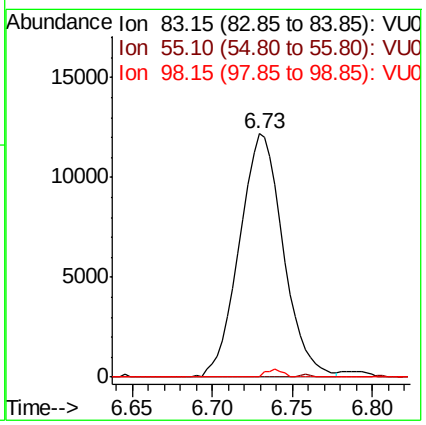


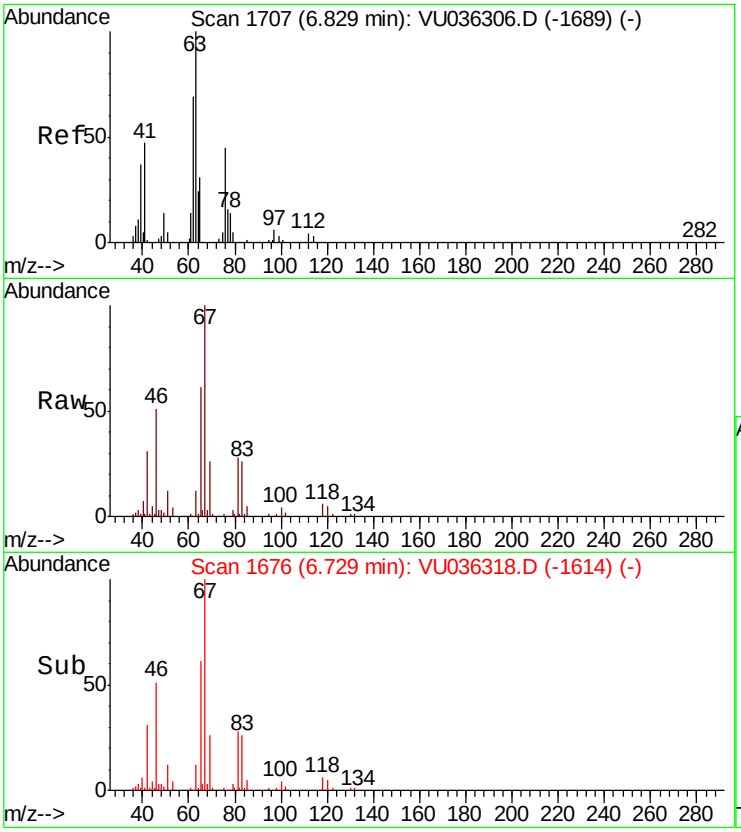


#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Tgt Ion: 83 Resp: 22844

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	1.1	36.2	54.2#



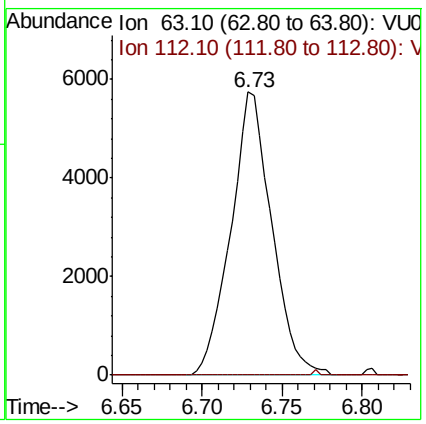


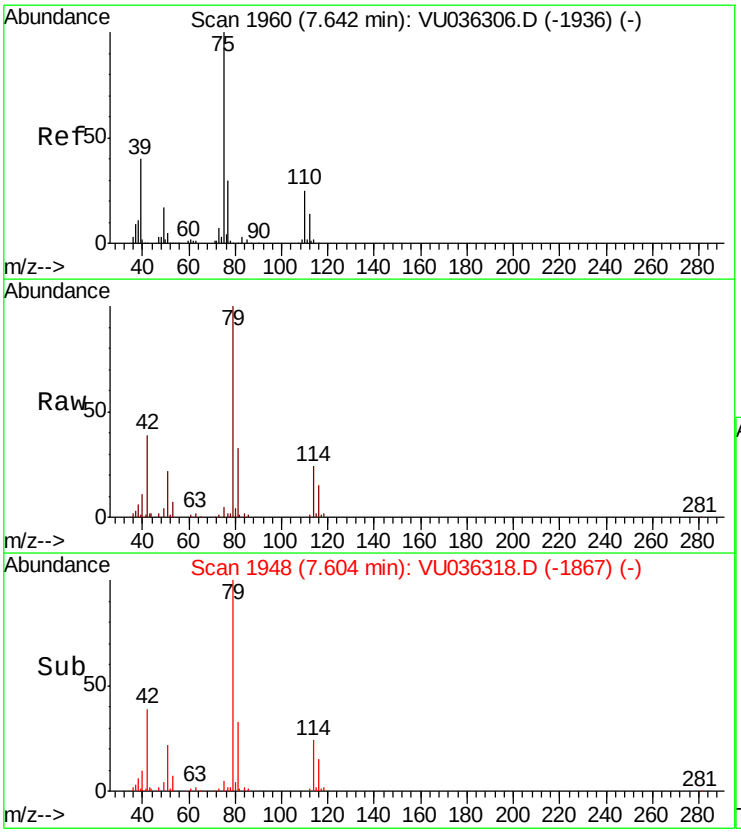
#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Instrument :
MSVOA_U
ClientSampleId :
BFDW7DL

Tgt Ion: 63 Resp: 10007

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.8	5.8#

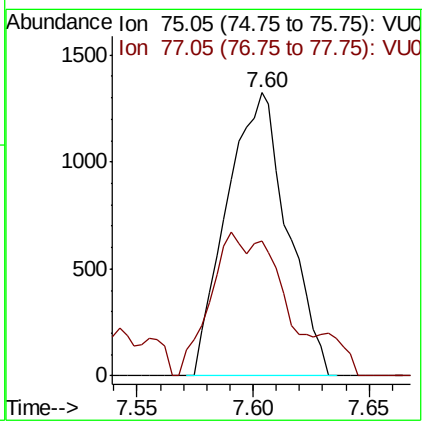


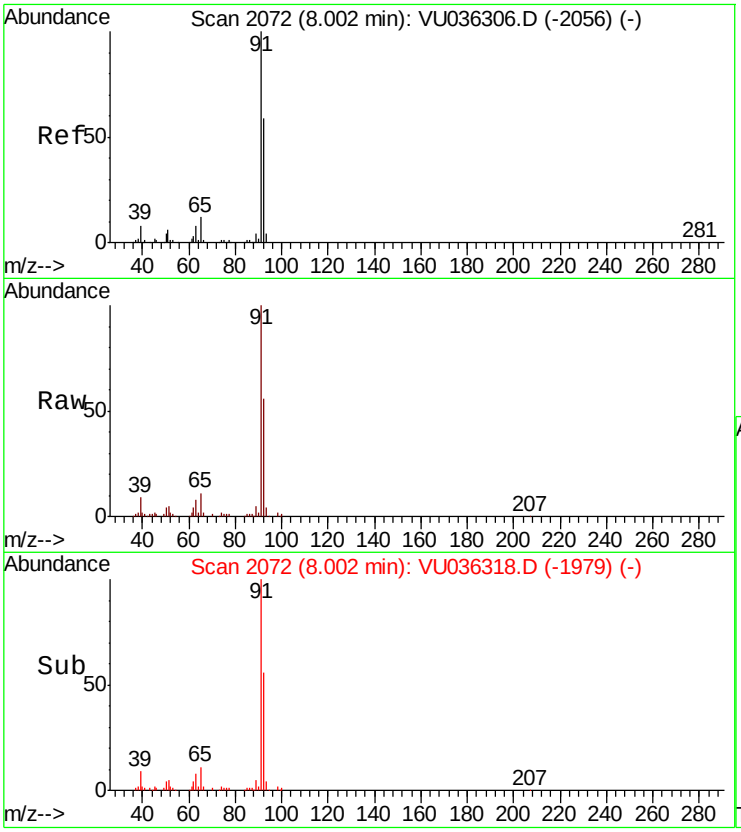


#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Tgt Ion: 75 Resp: 2403

Ion	Ratio	Lower	Upper
75	100		
77	47.7	22.7	42.1#



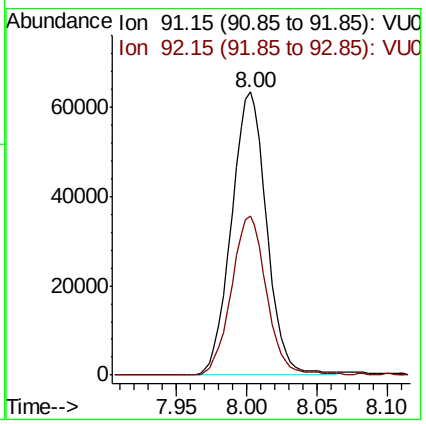


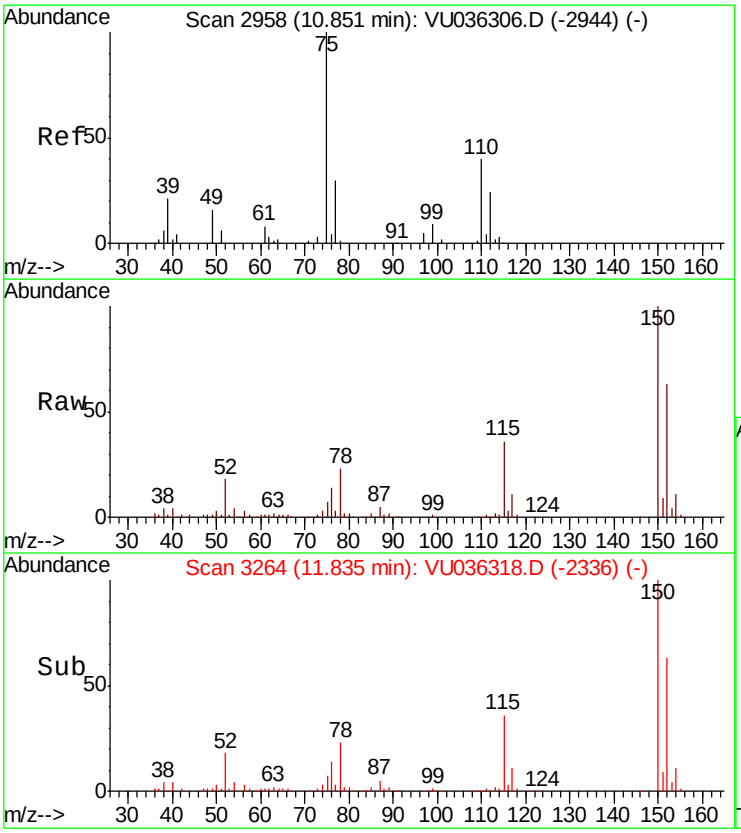
#42
Toluene
Concen: 1.286 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Instrument :
MSVOA_U
ClientSampleId :
BFDW7DL

Tgt Ion: 91 Resp: 110680

Ion	Ratio	Lower	Upper
91	100		
92	56.1	41.2	76.6

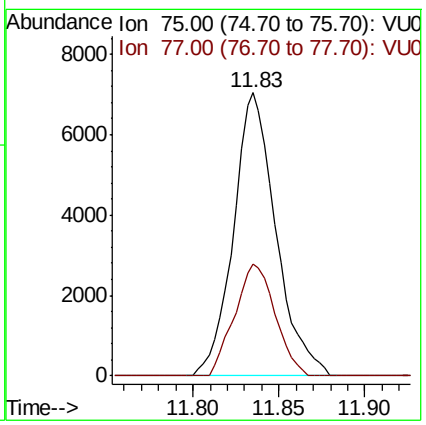


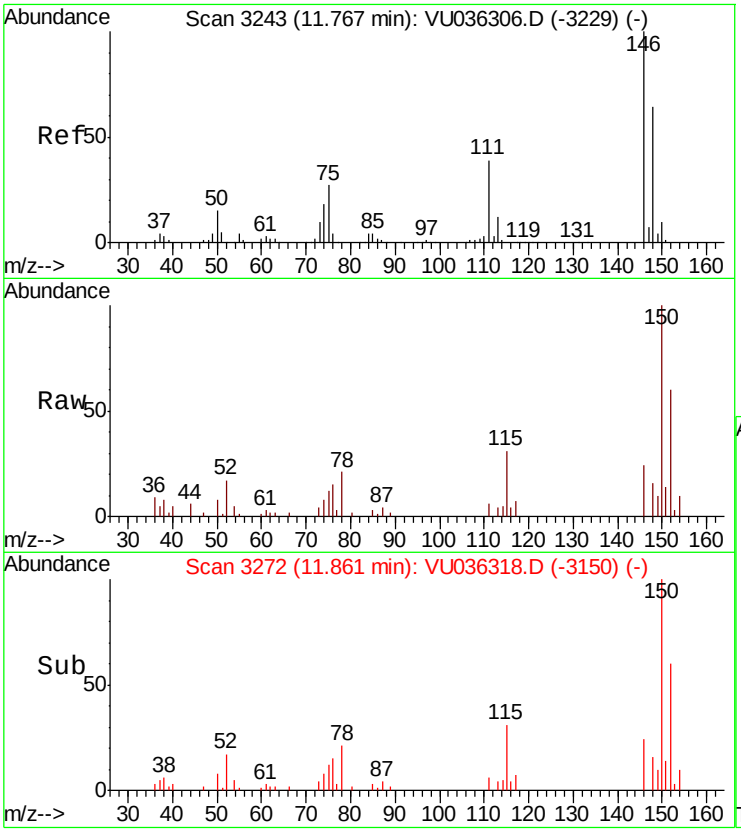


#59
1,2,3-Trichloropropane
Concen: 0.884 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.98 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Tgt Ion: 75 Resp: 12038

Ion	Ratio	Lower	Upper
75	100		
77	37.6	27.2	40.8



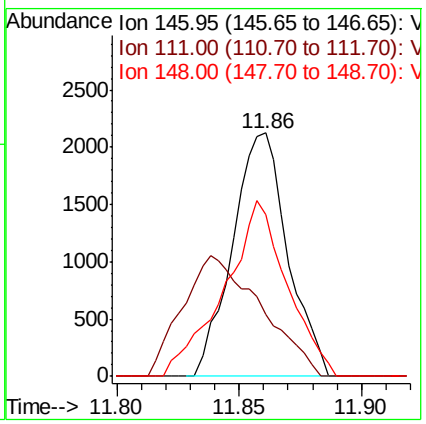


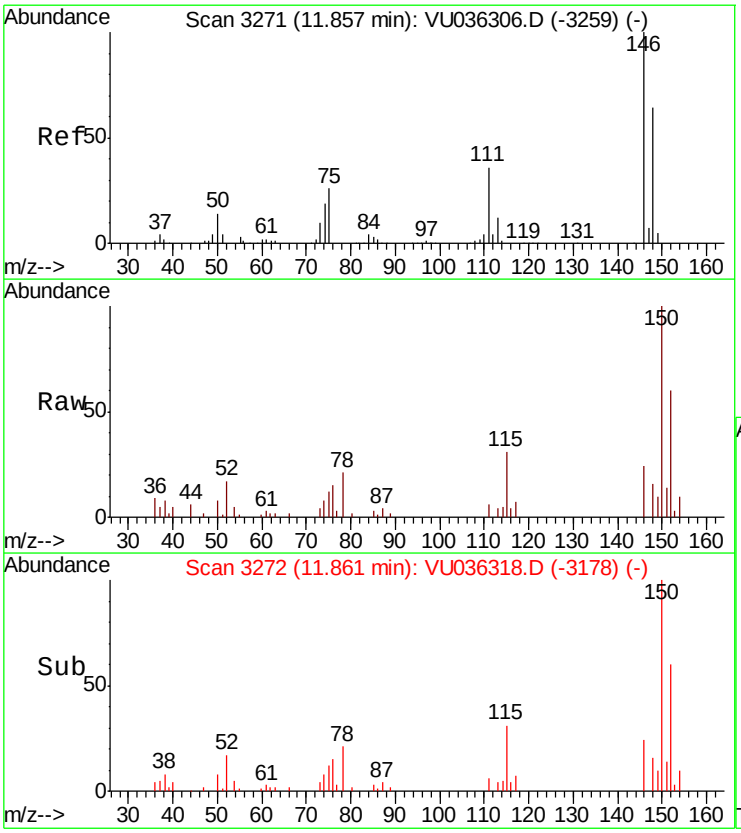
#62
1,3-Dichlorobenzene
Concen: 0.090 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.09 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Instrument : MSVOA_U
ClientSampleId : BFDW7DL

Tgt Ion:146 Resp: 3321

Ion	Ratio	Lower	Upper
146	100		
111	25.5	26.3	48.9#
148	66.2	45.1	83.9





#63
1,4-Dichlorobenzene
Concen: 0.091 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VU036318.D
Acq: 20 Dec 2019 15:16

Tgt Ion:146 Resp: 3321

Ion	Ratio	Lower	Upper
146	100		
111	25.5	25.8	48.0#
148	66.2	44.7	82.9