Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122019\
Data File : VU036320.D
Acq On : 20 Dec 2019 16:16
Operator : JC/MD
Sample : K6282-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Quant Time: Dec 20 22:24:26 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	243512	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	267585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	105251	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	96703	4.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.20%			
7) Chloroethane-d5	1.93	69	94540	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.59	63	103406	3.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.80%			
20) 2-Butanone-d5	4.68	46	186072	46.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.64%			
24) Chloroform-d	5.11	84	162287	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.75	65	84395	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
32) Benzene-d6	5.77	84	291947	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
36) 1,2-Dichloropropane-d6	6.73	67	95442	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%			
41) Toluene-d8	7.93	98	235765	3.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.60%			
43) trans-1,3-Dichloropropene-	8.21	79	35710	4.10	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.00%			
46) 2-Hexanone-d5	8.67	63	142663	42.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.58%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	84788	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	94216	4.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	2757	0.153	ug/L #	1
13) Acetone	2.66	43	8548	2.441	ug/L	96
16) Methylene chloride	3.08	84	17481	0.658	ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	1599	0.085	ug/L #	70
22) cis-1,2-Dichloroethene	4.72	96	45193	2.227	ug/L	98
34) Trichloroethene	6.58	95	260493	12.287	ug/L	97
35) Methylcyclohexane	6.73	83	23308	0.773	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10549	0.503	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2415	0.084	ug/L #	69
42) Toluene	8.00	91	253082	2.871	ug/L	96
48) 2-Hexanone	8.67	43	16695	2.038	ug/L #	83
59) 1,2,3-Trichloropropane	11.83	75	13254	0.951	ug/L	96
62) 1,3-Dichlorobenzene	11.86	146	7111	0.200	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	7111	0.202	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	4323	0.128	ug/L	87

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122019\
Data File : VU036320.D
Acq On : 20 Dec 2019 16:16
Operator : JC/MD
Sample : K6282-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Quant Time: Dec 20 22:24:26 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122019\
Data File : VU036320.D
Acq On : 20 Dec 2019 16:16
Operator : JC/MD
Sample : K6282-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
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BFDW9DL

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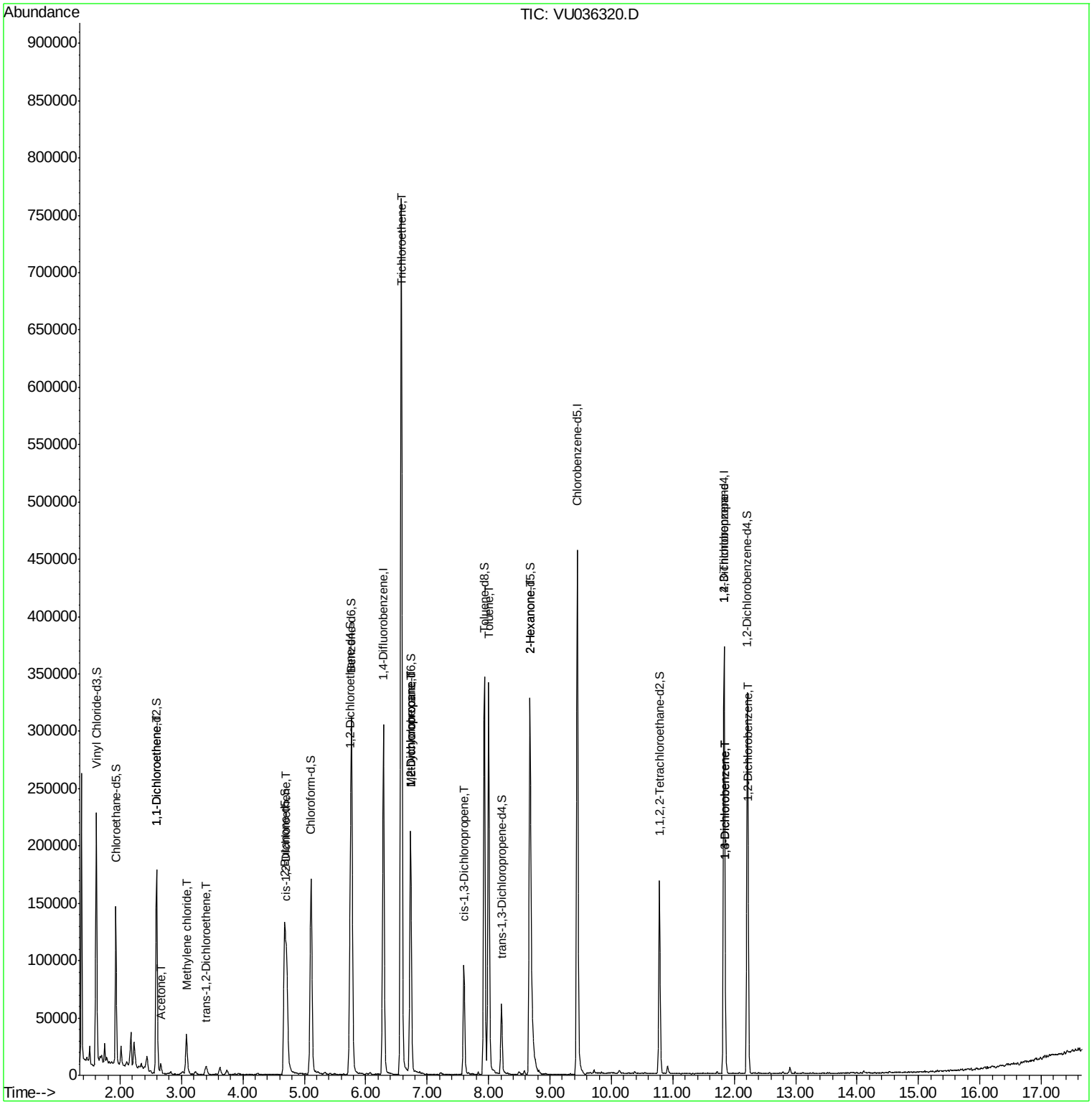
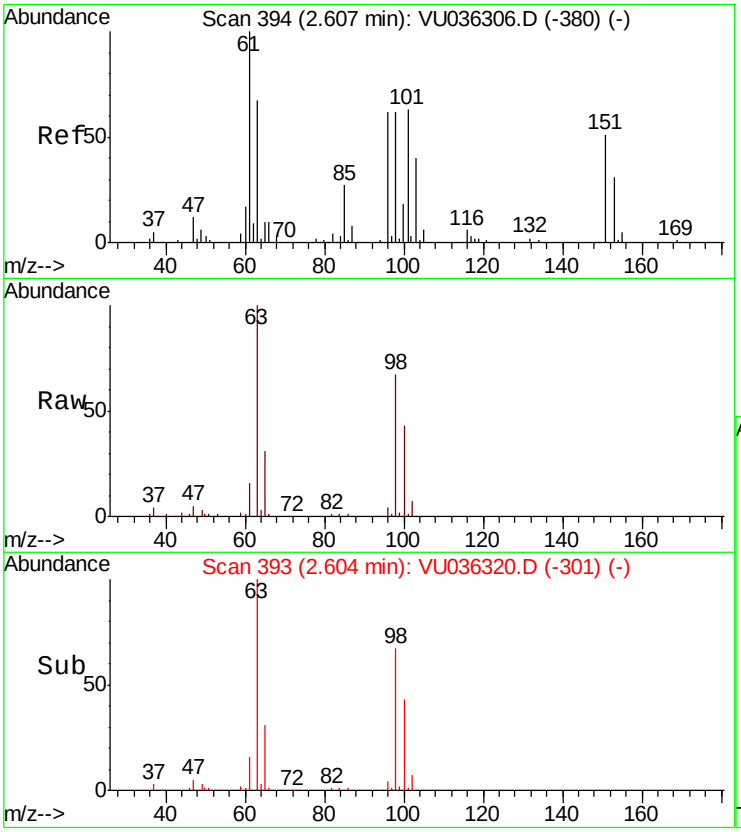
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 22:20:21 2019
Response via : Initial Calibration



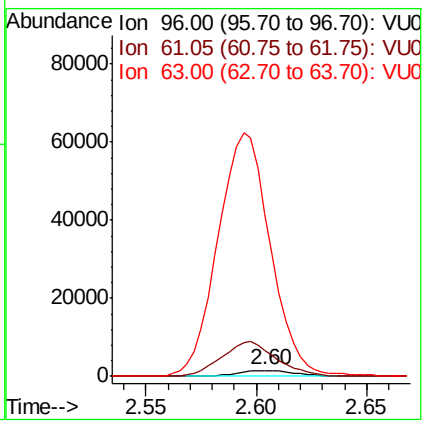


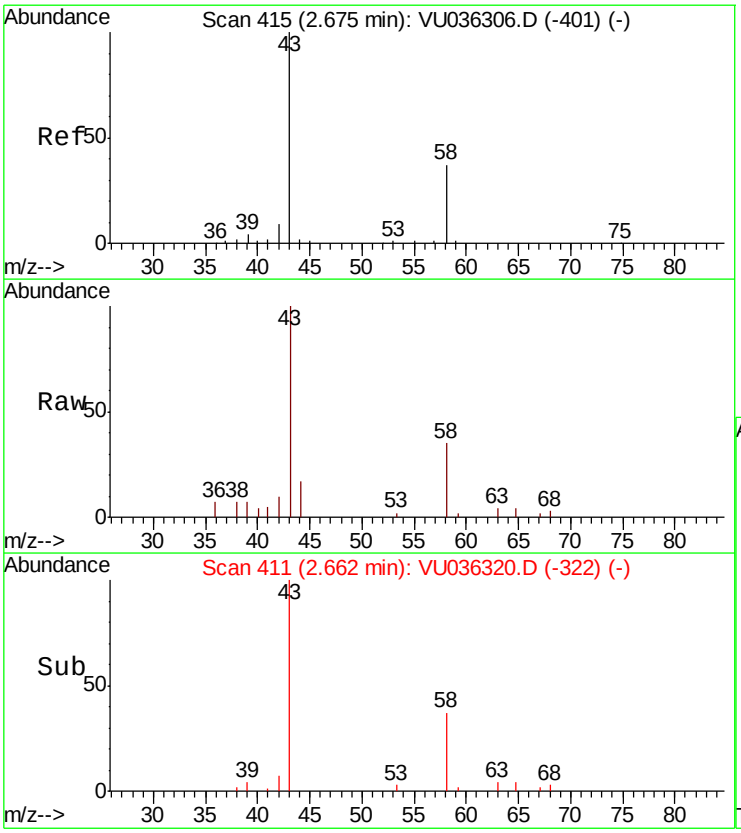
#12
1,1-Dichloroethene
Concen: 0.153 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Instrument :
MSVOA_U
ClientSampleId :
BFDW9DL

Tgt Ion: 96 Resp: 2757

Ion	Ratio	Lower	Upper
96	100		
61	446.1	114.0	211.8#
63	2797.9	63.6	118.0#

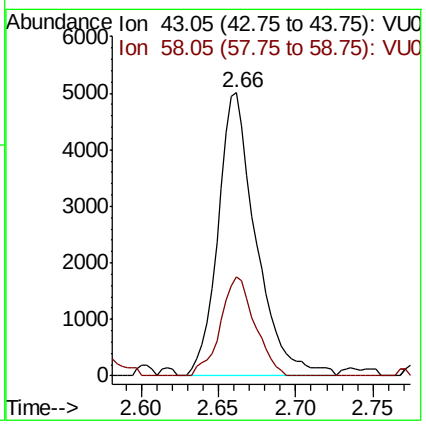


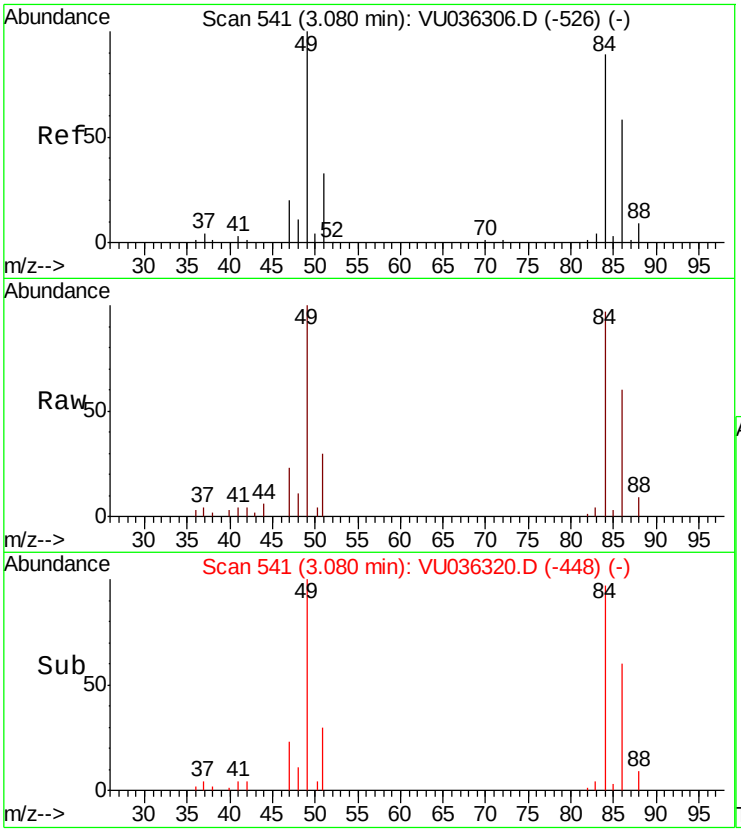


#13
Acetone
Concen: 2.441 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Tgt Ion: 43 Resp: 8548

Ion	Ratio	Lower	Upper
43	100		
58	31.6	0.0	67.6



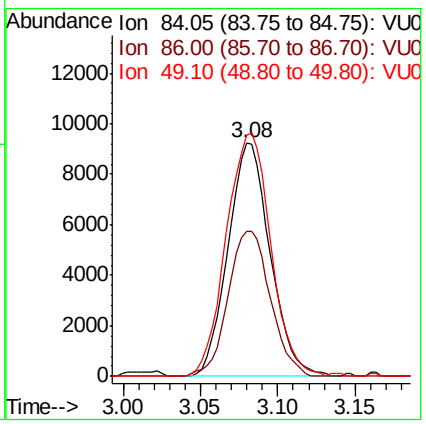


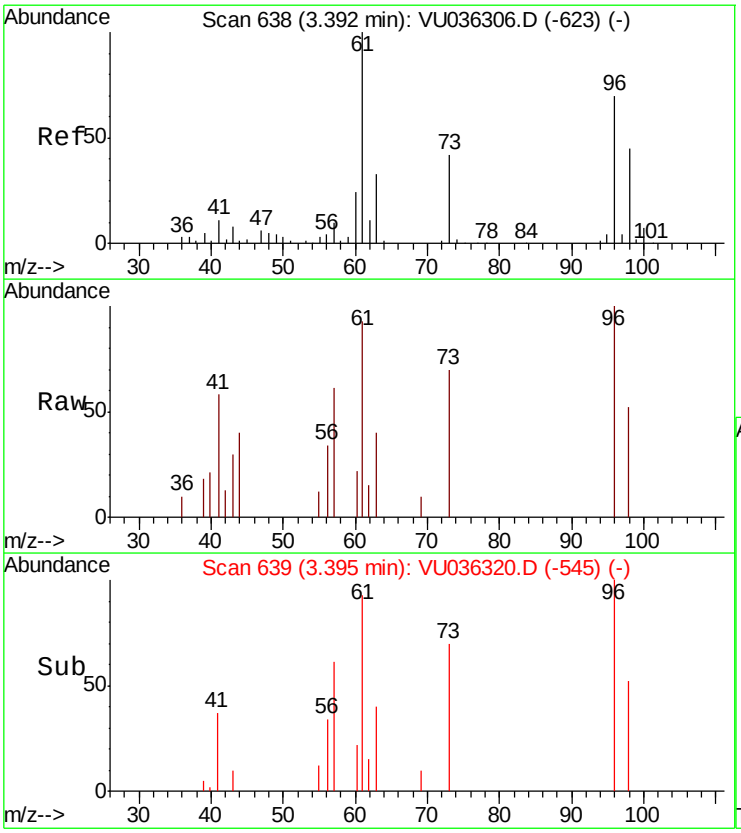
#16
Methylene chloride
Concen: 0.658 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Tgt Ion: 84 Resp: 17481

Ion	Ratio	Lower	Upper
84	100		
86	61.8	43.0	79.8
49	103.2	77.3	143.5

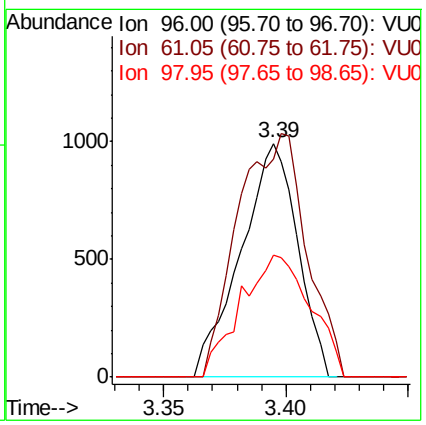


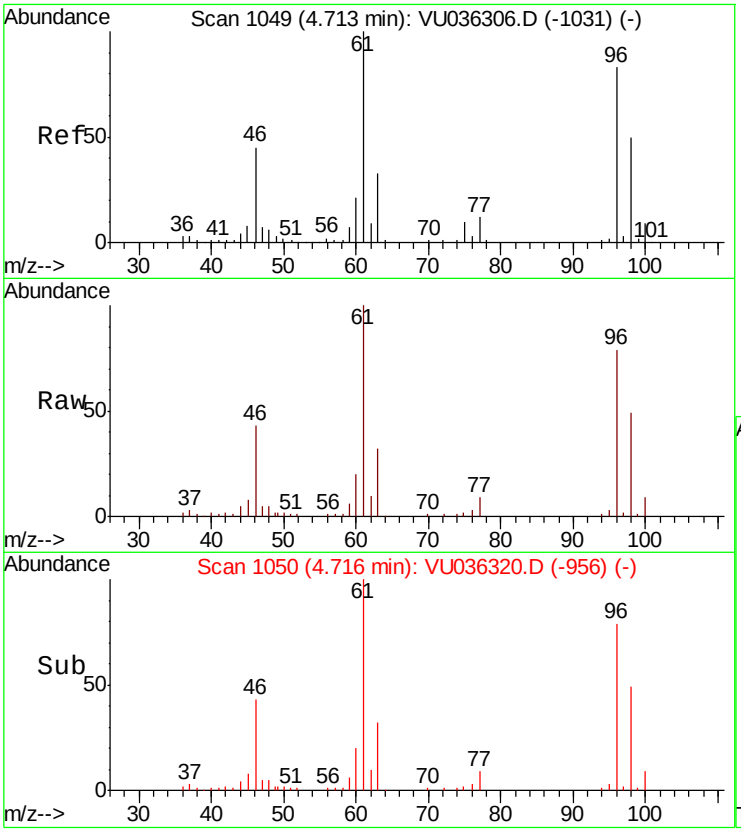


#18
trans-1,2-Dichloroethene
Concen: 0.085 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Tgt Ion: 96 Resp: 1599

Ion	Ratio	Lower	Upper
96	100		
61	93.5	94.8	176.2#
98	52.4	46.8	86.8



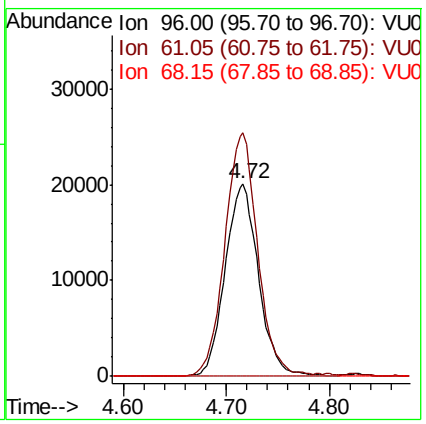


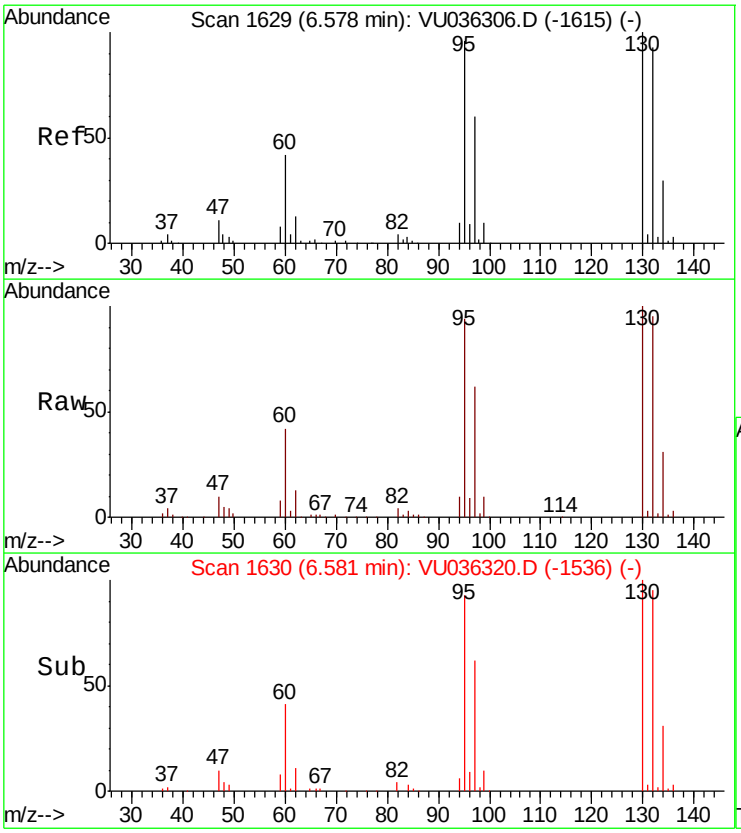
#22
cis-1,2-Dichloroethene
Concen: 2.227 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Instrument :
MSVOA_U
ClientSampleId :
BFDW9DL

Tgt Ion: 96 Resp: 45193

Ion	Ratio	Lower	Upper
96	100		
61	126.2	86.7	161.1
68	0.0	0.0	0.0

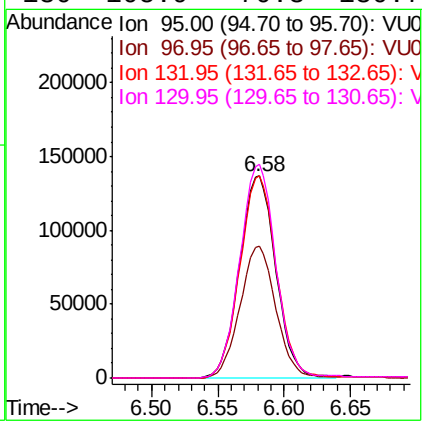


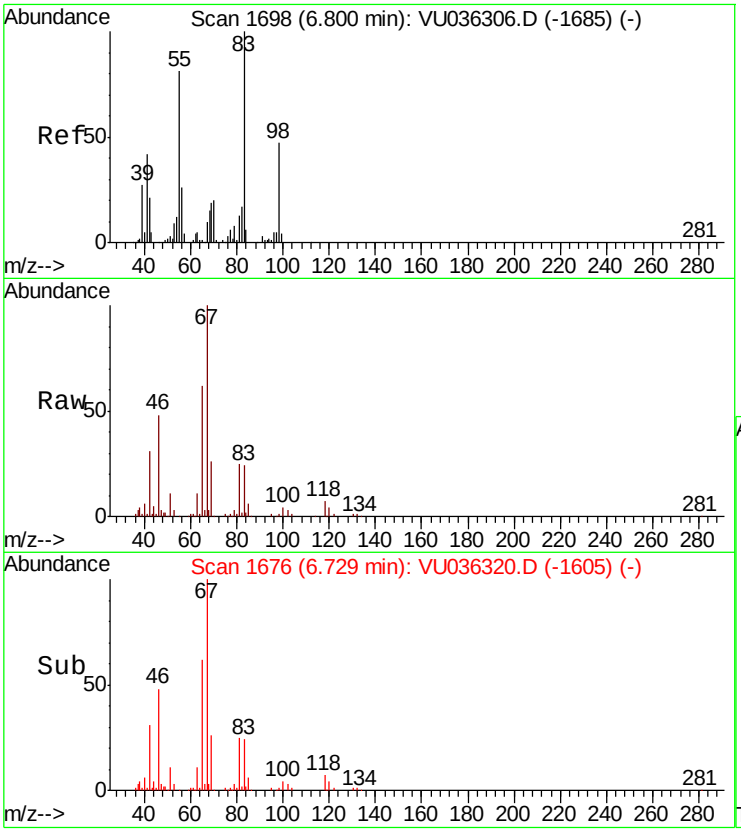


#34
Trichloroethene
Concen: 12.287 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Tgt Ion: 95 Resp: 260493

Ion	Ratio	Lower	Upper
95	100		
97	65.5	43.6	81.0
132	100.3	69.6	129.2
130	105.9	70.3	130.7



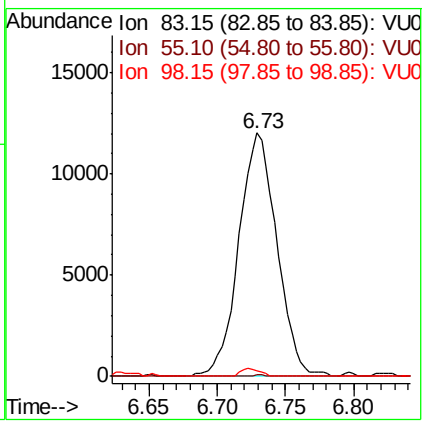


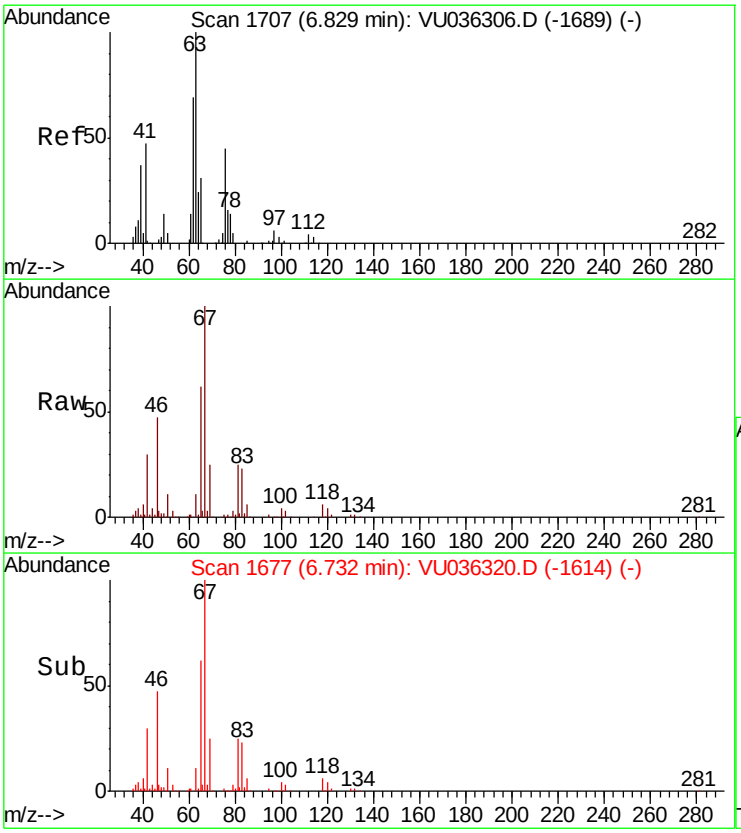
#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Tgt Ion: 83 Resp: 23308

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	94.0#
98	1.6	36.2	54.2#

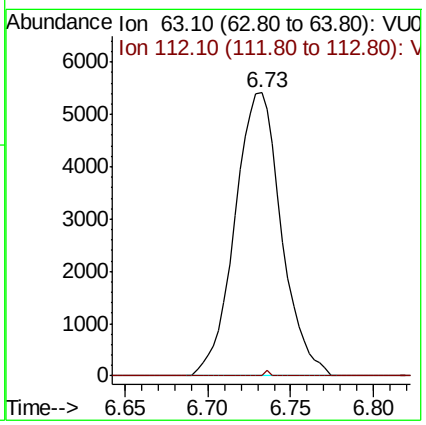


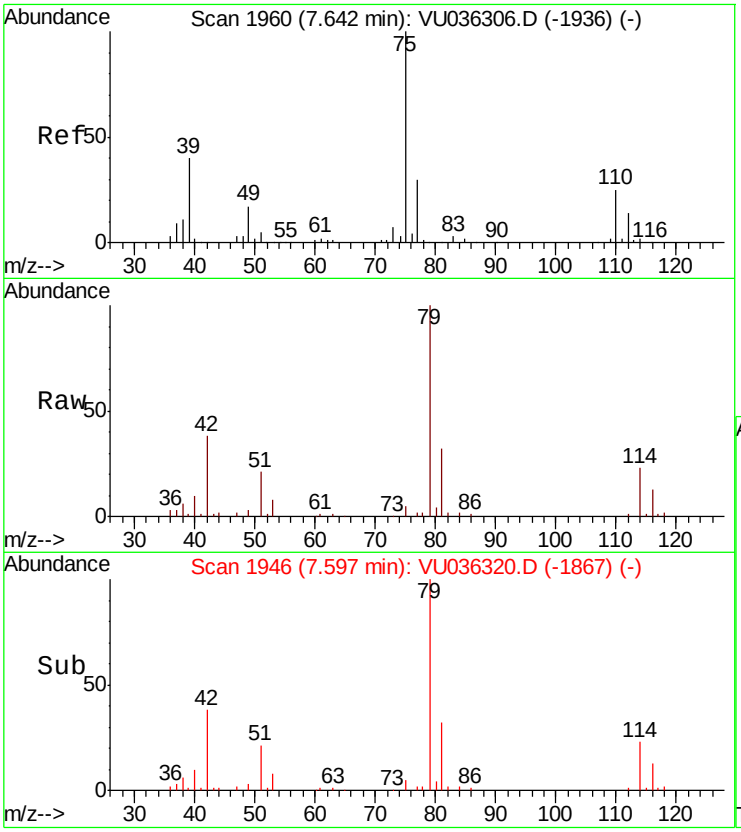


#37
1,2-Dichloropropane
Concen: 0.503 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Tgt Ion: 63 Resp: 10549

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.8	5.8#



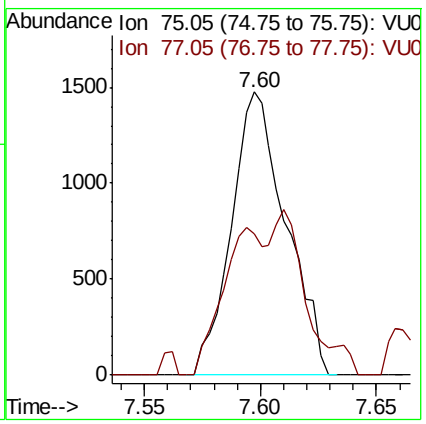


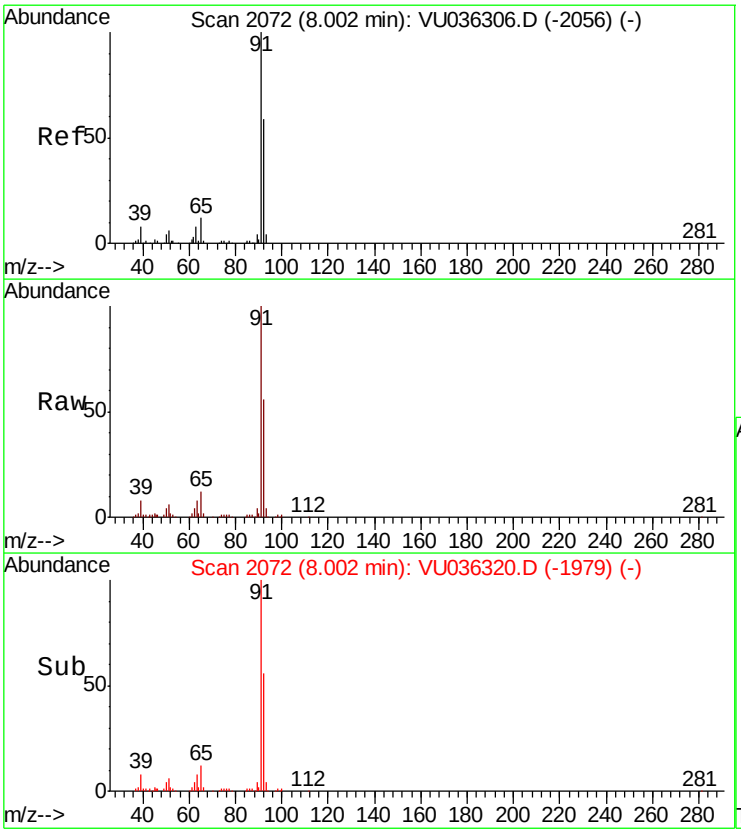
#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.04 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Tgt Ion: 75 Resp: 2415

Ion	Ratio	Lower	Upper
75	100		
77	50.0	22.7	42.1#

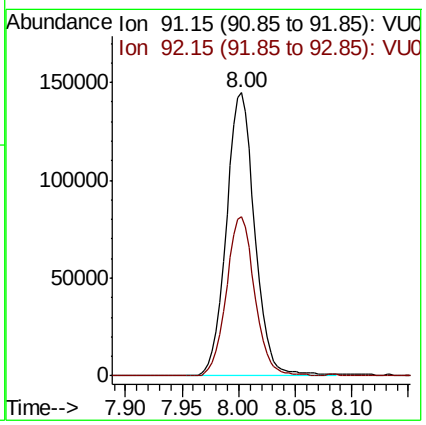


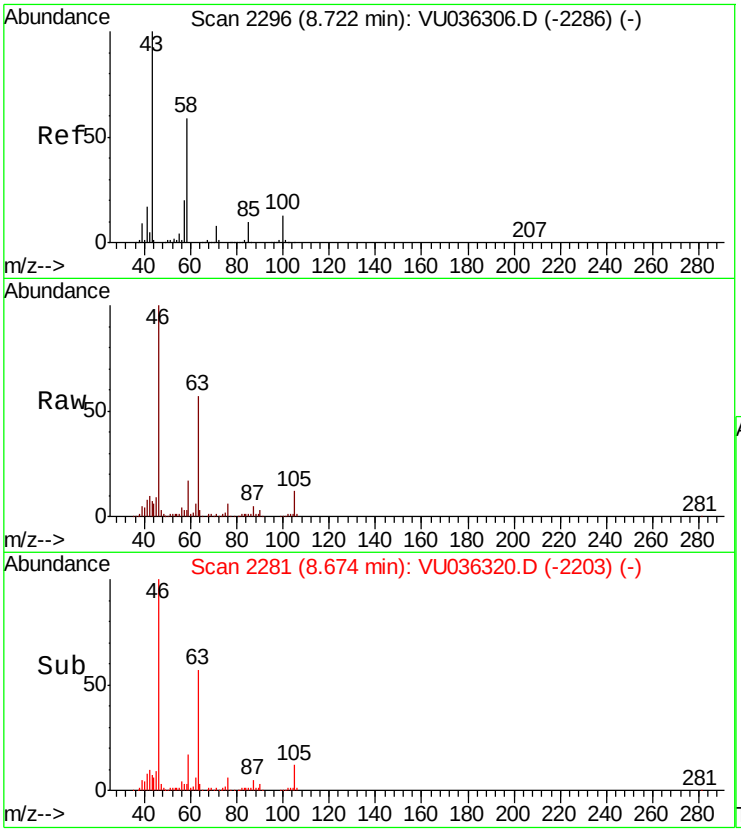


#42
Toluene
Concen: 2.871 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Tgt Ion: 91 Resp: 253082

Ion	Ratio	Lower	Upper
91	100		
92	56.2	41.2	76.6



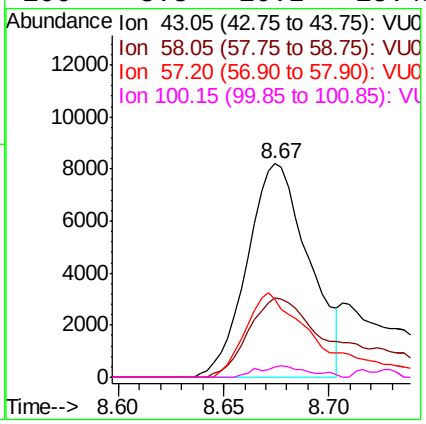


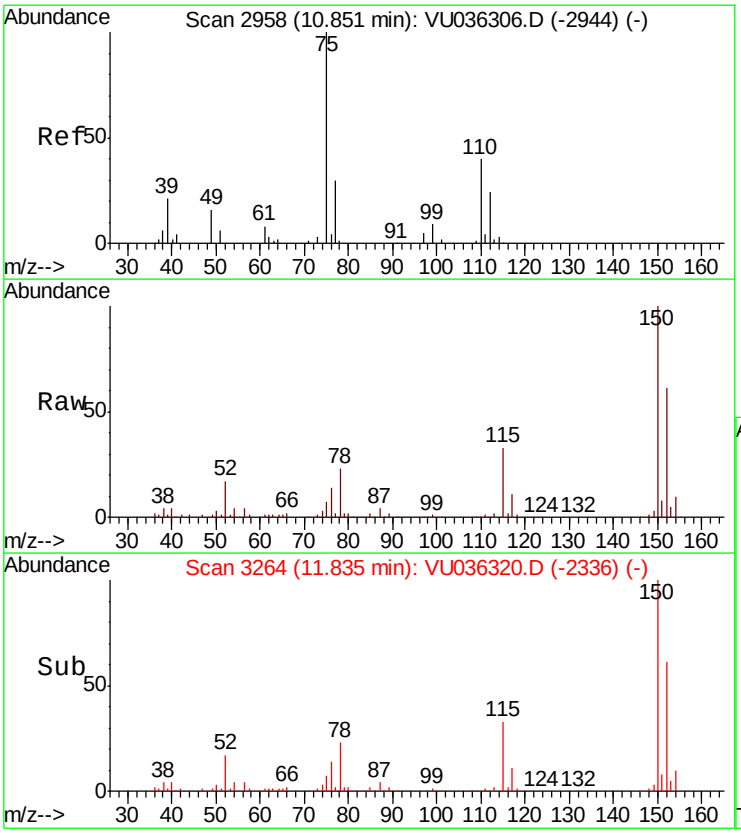
#48
2-Hexanone
Concen: 2.038 ug/L
RT: 8.67 min Scan# 2281
Delta R.T. -0.05 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Tgt Ion: 43 Resp: 16695

Ion	Ratio	Lower	Upper
43	100		
58	56.0	46.2	69.2
57	46.4	16.2	24.4#
100	3.8	10.2	15.4#

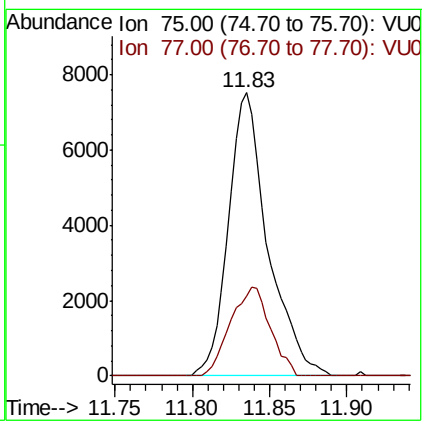


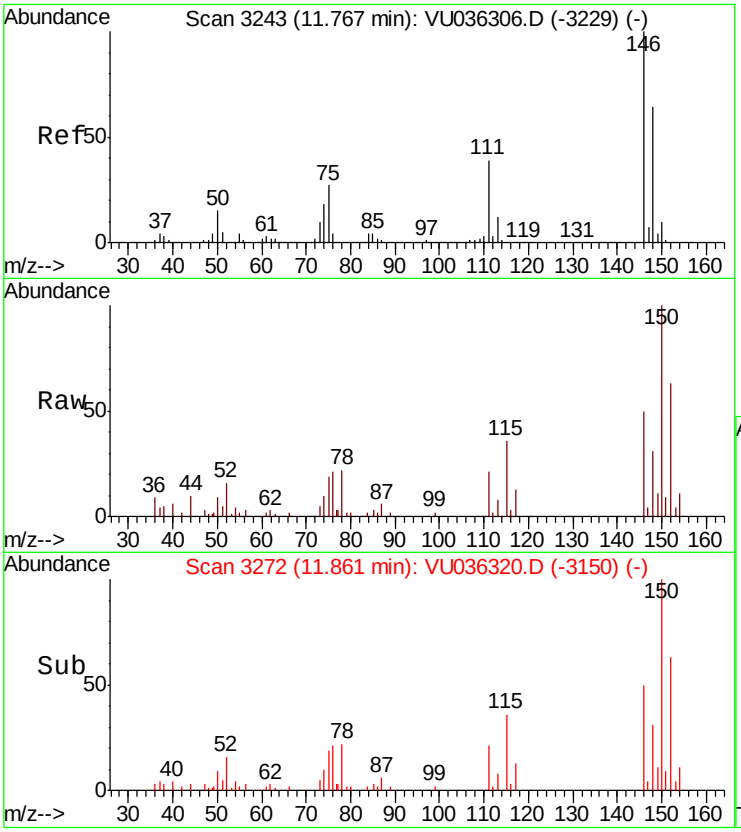


#59
1,2,3-Trichloropropane
Concen: 0.951 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.98 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Tgt Ion: 75 Resp: 13254

Ion	Ratio	Lower	Upper
75	100		
77	31.7	27.2	40.8



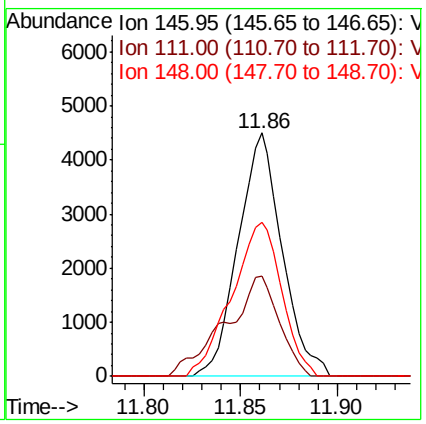


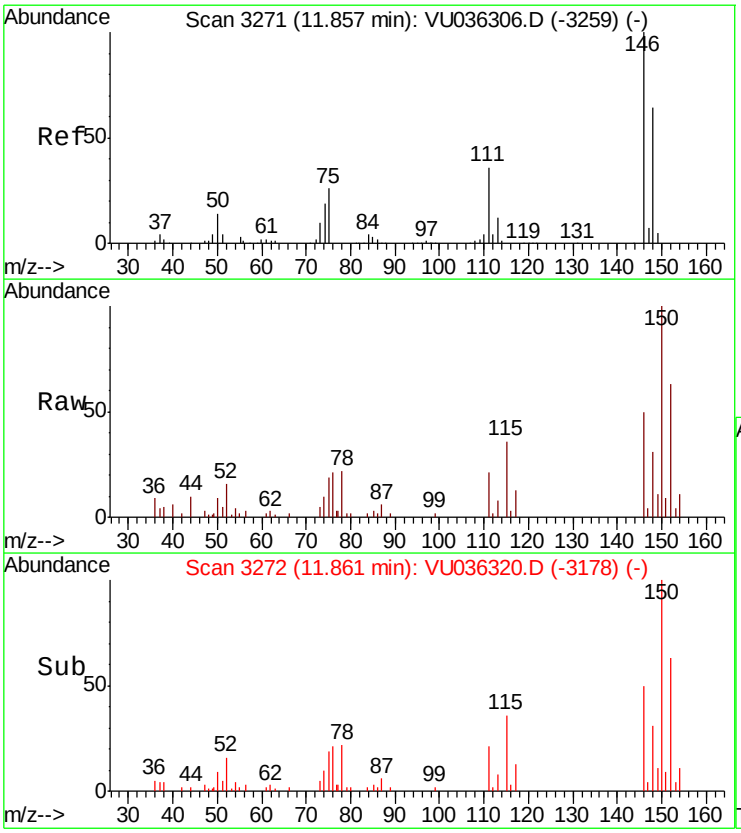
#62
1,3-Dichlorobenzene
Concen: 0.200 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.09 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Tgt Ion:146 Resp: 7111

Ion	Ratio	Lower	Upper
146	100		
111	41.2	26.3	48.9
148	63.3	45.1	83.9

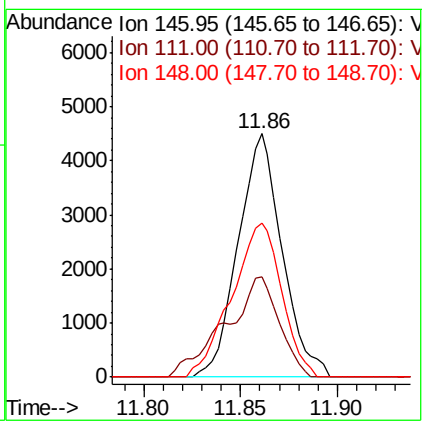


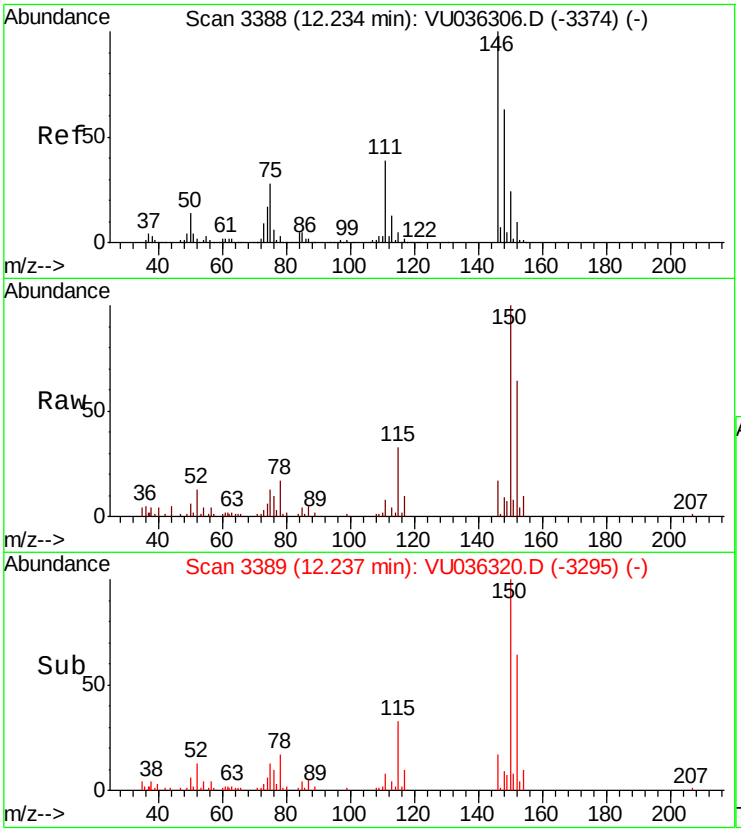


#63
1,4-Dichlorobenzene
Concen: 0.202 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Tgt Ion:146 Resp: 7111

Ion	Ratio	Lower	Upper
146	100		
111	41.2	25.8	48.0
148	63.3	44.7	82.9





#65
1,2-Dichlorobenzene
Concen: 0.128 ug/L
RT: 12.24 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Instrument :
MSVOA_U
ClientSampleId :
BFDW9DL

Tgt Ion:146 Resp: 4323

Ion	Ratio	Lower	Upper
146	100		
111	46.6	32.5	48.7
148	50.0	49.2	73.8