Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122319\

Quantitation Report (Not Reviewed)

Data File : VU036331.D
Acq On : 23 Dec 2019 17:12
Operator : JC/MD
Sample : K6282-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Quant Time: Dec 24 00:22:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	247978	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268796	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	106321	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	125265	5.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.80%			
7) Chloroethane-d5	1.93	69	107060	5.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.40%			
11) 1,1-Dichloroethene-d2	2.59	63	130474	4.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.80%			
20) 2-Butanone-d5	4.68	46	194153	47.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.92%			
24) Chloroform-d	5.11	84	179249	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.75	65	95320	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
32) Benzene-d6	5.77	84	343864	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
36) 1,2-Dichloropropane-d6	6.73	67	110085	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.93	98	289455	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
43) trans-1,3-Dichloropropene-	8.21	79	41386	4.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%			
46) 2-Hexanone-d5	8.67	63	160435	47.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.80%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	91474	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	109285	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	3003	0.163	ug/L #	1
13) Acetone	2.66	43	14068	3.946	ug/L	98
16) Methylene chloride	3.08	84	3567	0.132	ug/L #	87
18) trans-1,2-Dichloroethene	3.39	96	1715	0.089	ug/L	85
22) cis-1,2-Dichloroethene	4.72	96	44714	2.163	ug/L	100
34) Trichloroethene	6.58	95	266516	12.514	ug/L	98
35) Methylcyclohexane	6.73	83	26575	0.878	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12111	0.575	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2564	0.089	ug/L #	59
42) Toluene	8.00	91	189988	2.146	ug/L	96
48) 2-Hexanone	8.67	43	19156	2.328	ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	13778	0.984	ug/L	98
62) 1,3-Dichlorobenzene	11.86	146	5117	0.143	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	5117	0.144	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	3209	0.094	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122319\

Quantitation Report (Not Reviewed)

Data File : VU036331.D
Acq On : 23 Dec 2019 17:12
Operator : JC/MD
Sample : K6282-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Quant Time: Dec 24 00:22:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122319\

Quantitation Report (Not Reviewed)

Data File : VU036331.D
Acq On : 23 Dec 2019 17:12
Operator : JC/MD
Sample : K6282-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
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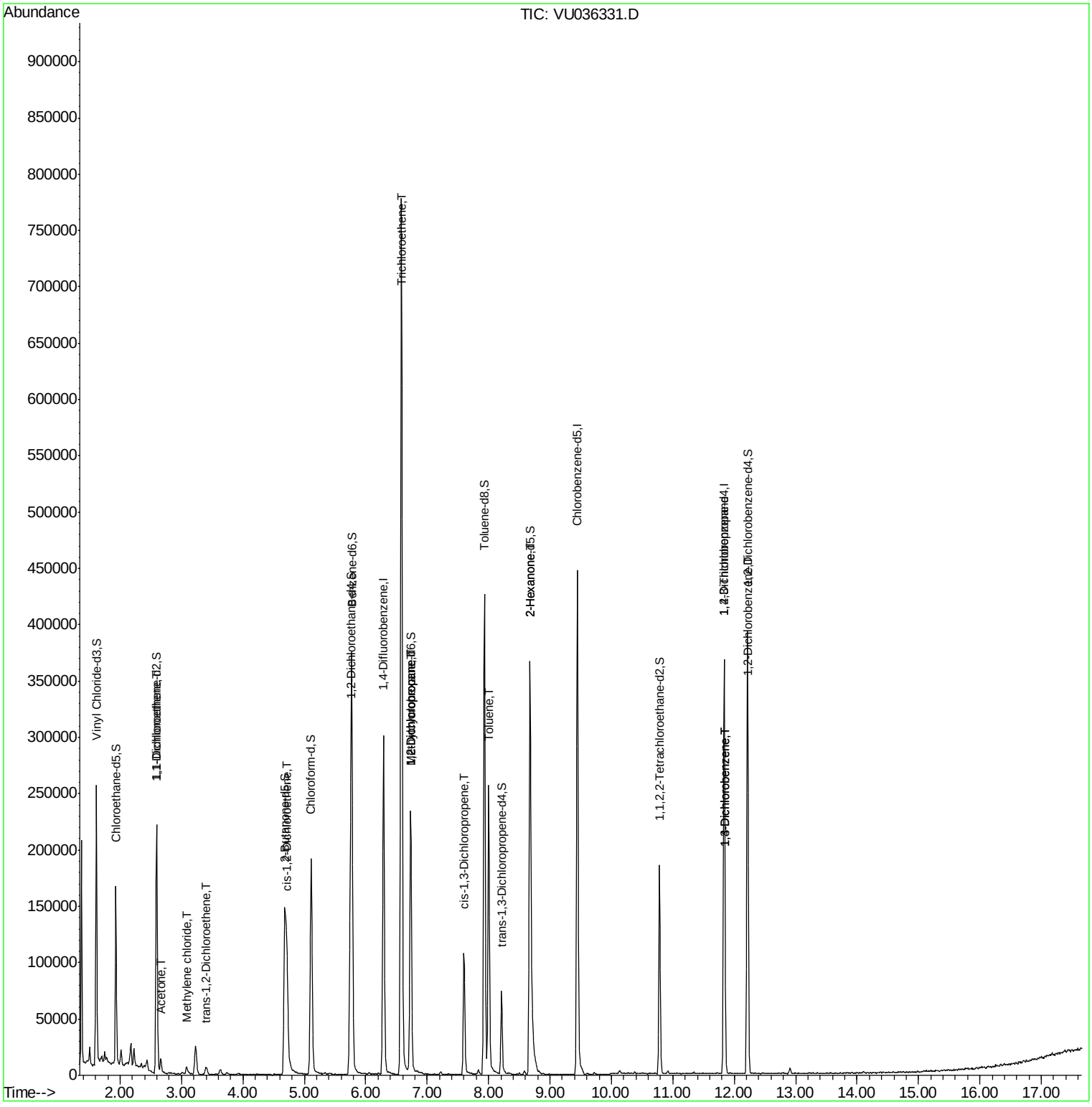
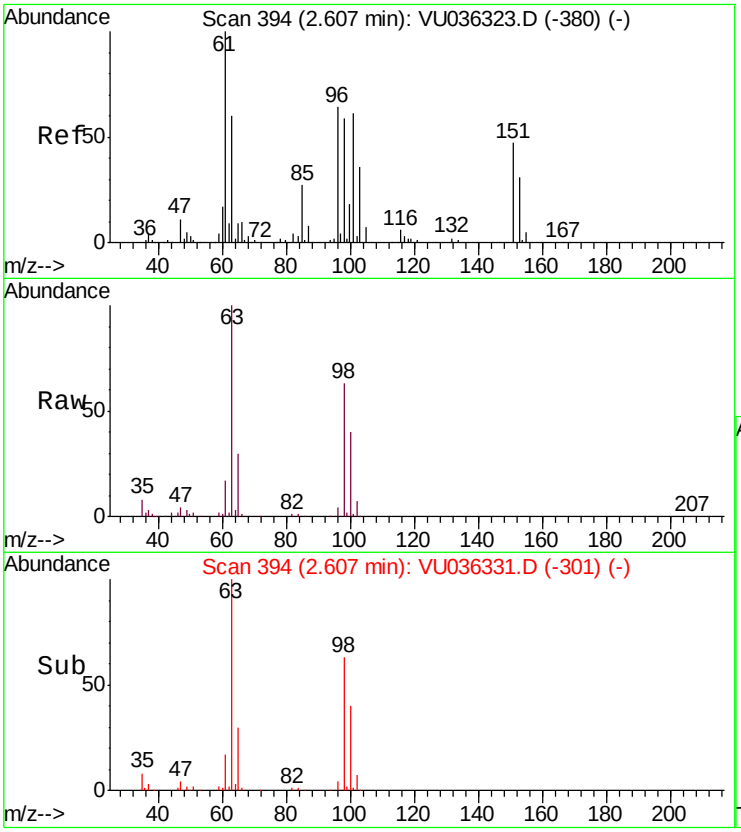
Quant Time: Dec 24 00:22:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration



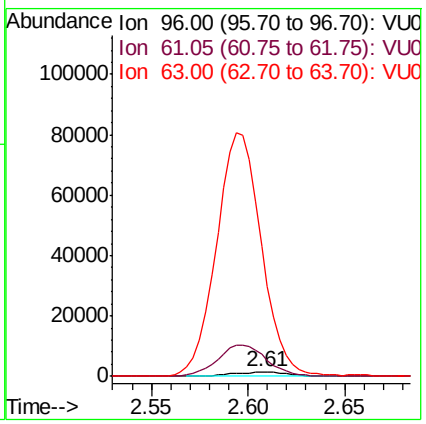


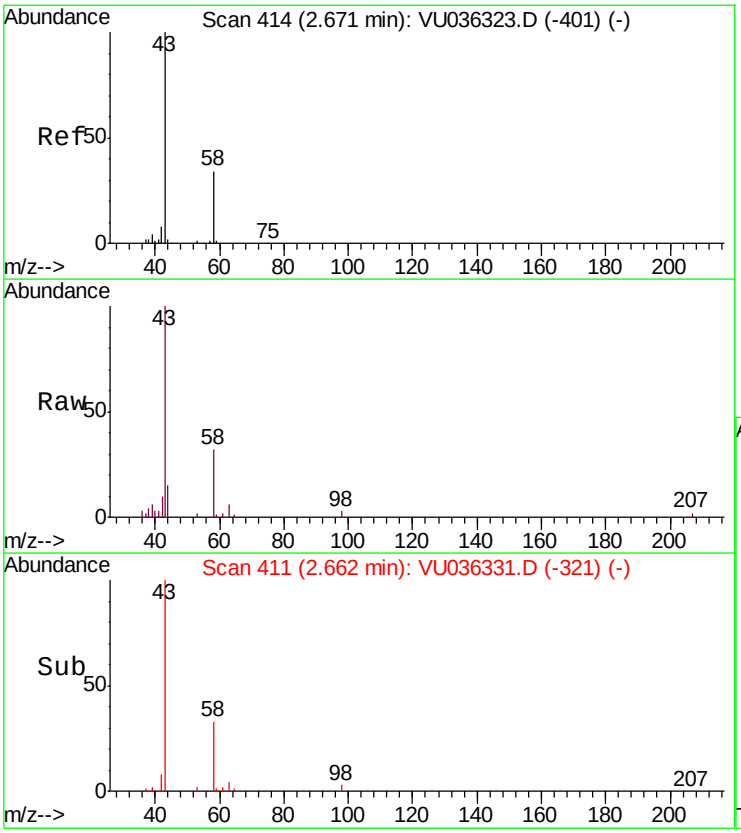
#12
1,1-Dichloroethene
Concen: 0.163 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Instrument :
MSVOA_U
ClientSampleId :
BFDW9DL

Tgt Ion: 96 Resp: 3003

Ion	Ratio	Lower	Upper
96	100		
61	474.8	114.0	211.8#
63	2852.6	63.6	118.0#

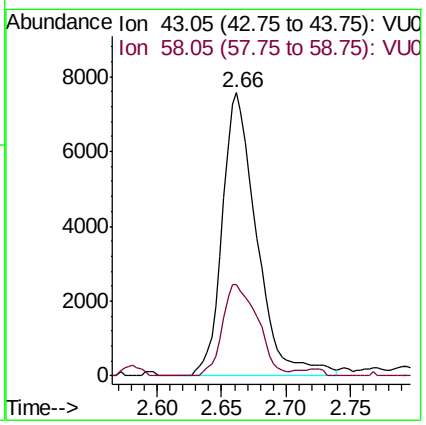


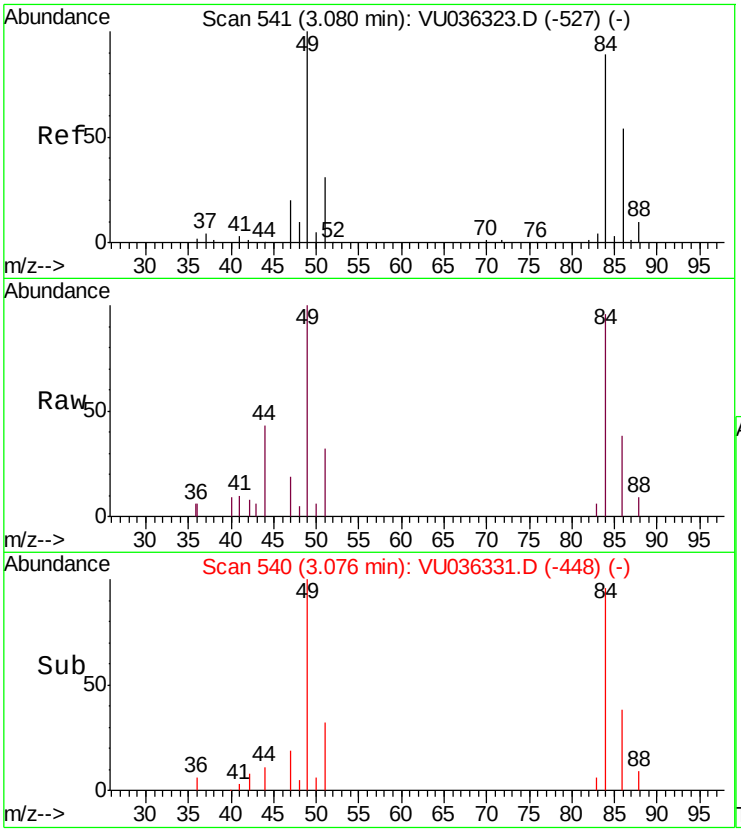


#13
Acetone
Concen: 3.946 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Tgt Ion: 43 Resp: 14068

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	67.6



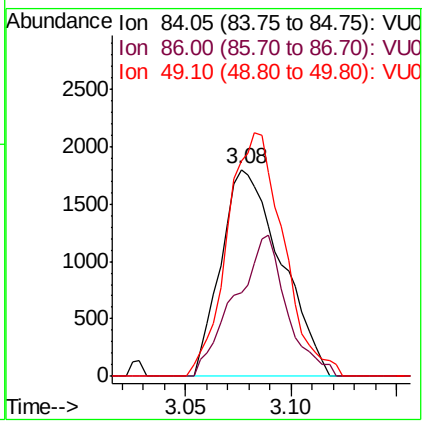


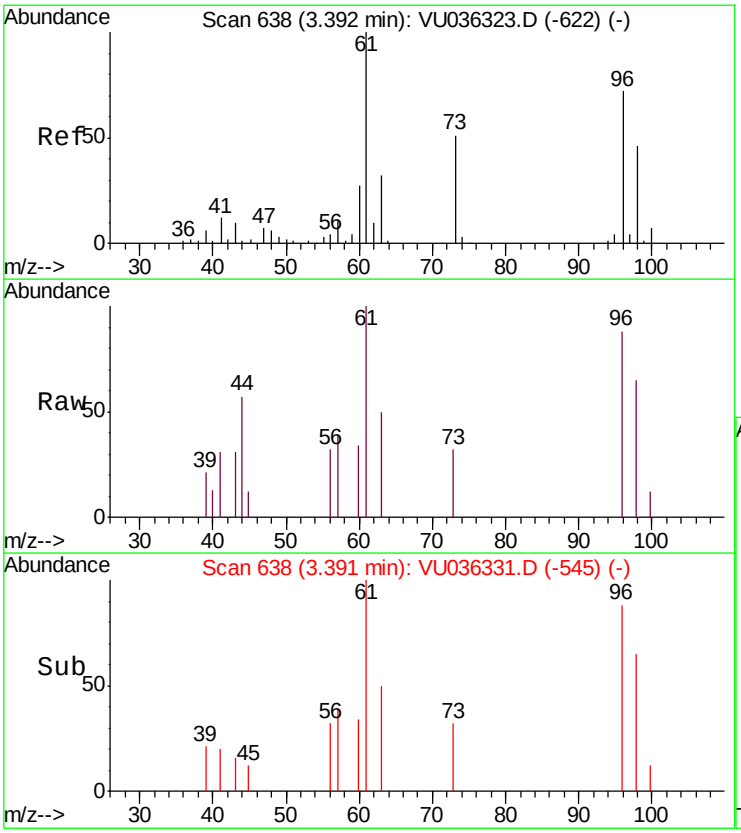
#16
Methylene chloride
Concen: 0.132 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Tgt Ion: 84 Resp: 3567

Ion	Ratio	Lower	Upper
84	100		
86	40.2	43.0	79.8#
49	104.6	77.3	143.5

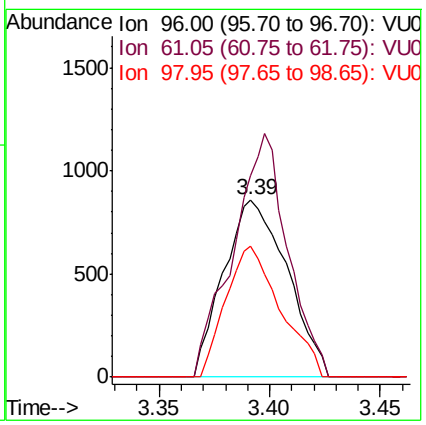


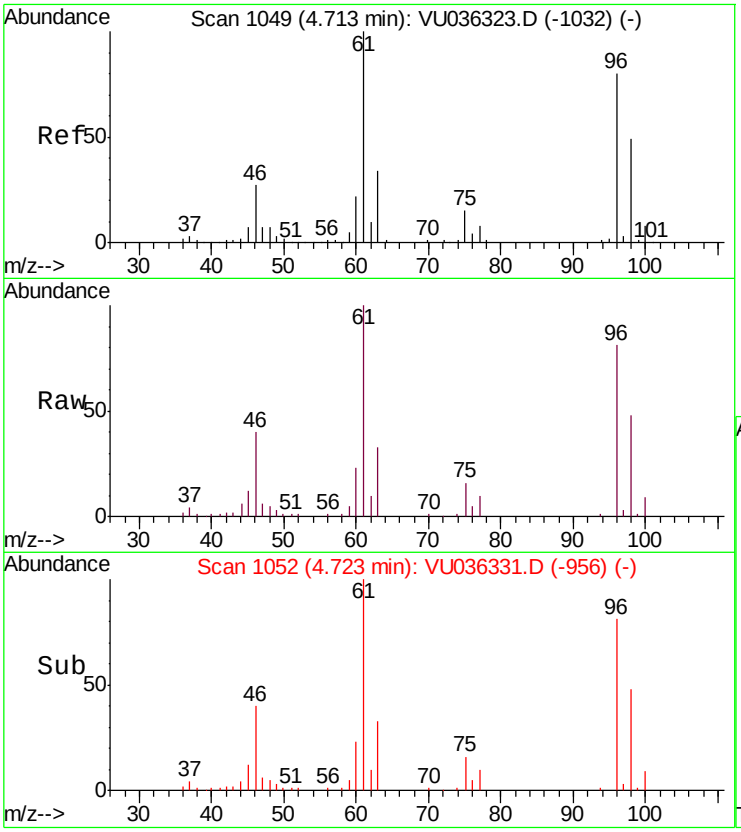


#18
trans-1,2-Dichloroethene
Concen: 0.089 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Tgt Ion: 96 Resp: 1715

Ion	Ratio	Lower	Upper
96	100		
61	113.8	94.8	176.2
98	73.7	46.8	86.8



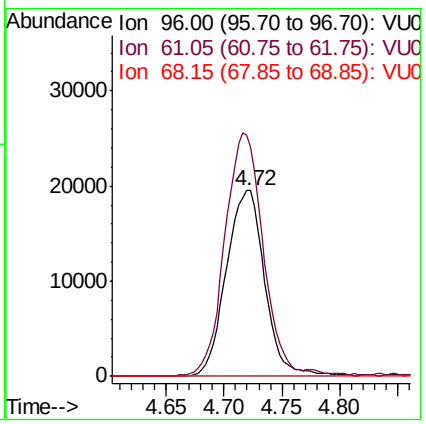


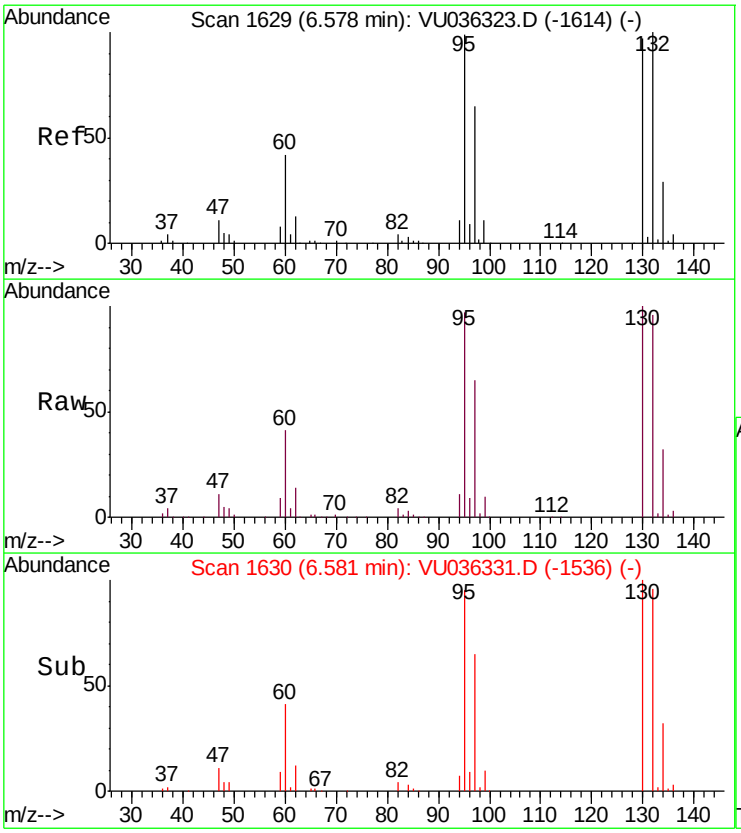
#22
cis-1,2-Dichloroethene
Concen: 2.163 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Instrument :
MSVOA_U
ClientSampleId :
BFDW9DL

Tgt Ion: 96 Resp: 44714

Ion	Ratio	Lower	Upper
96	100		
61	123.4	86.7	161.1
68	0.0	0.0	0.0

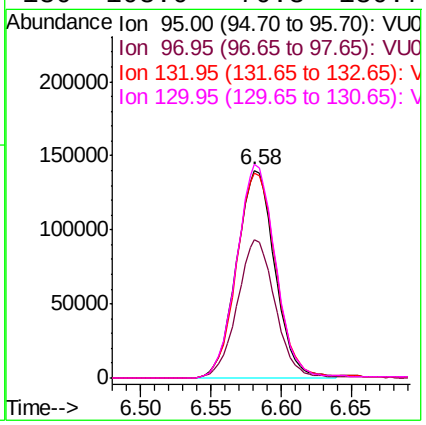


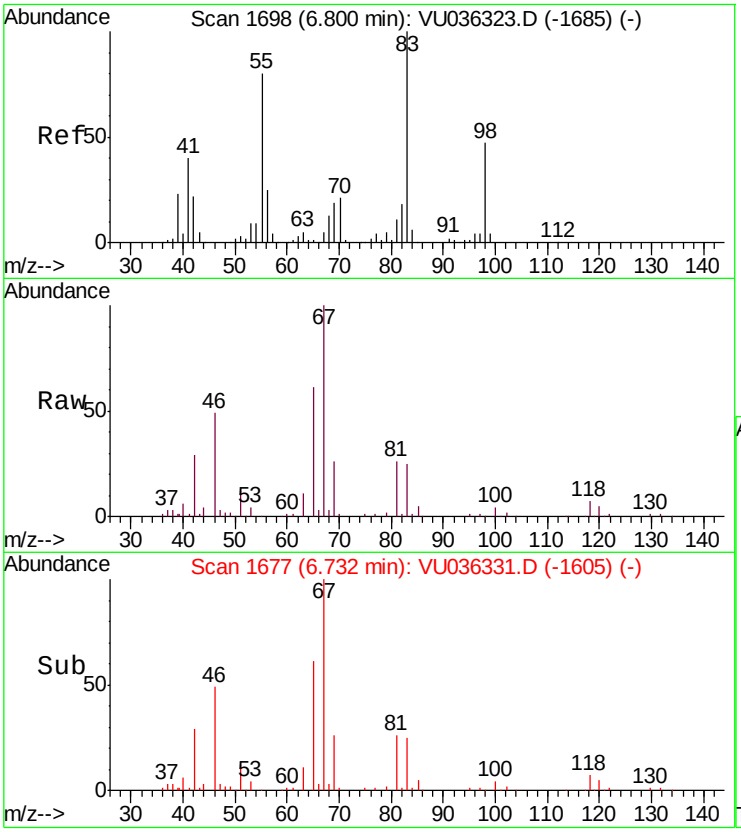


#34
Trichloroethene
Concen: 12.514 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Tgt Ion: 95 Resp: 266516

Ion	Ratio	Lower	Upper
95	100		
97	66.5	43.6	81.0
132	99.0	69.6	129.2
130	103.0	70.3	130.7



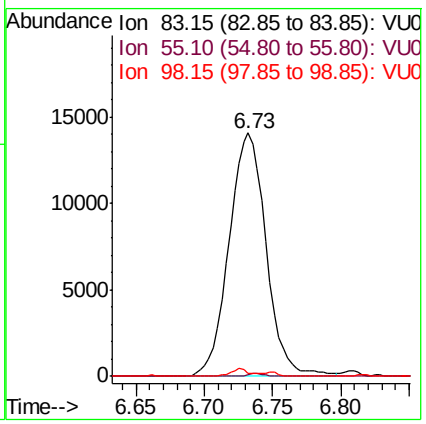


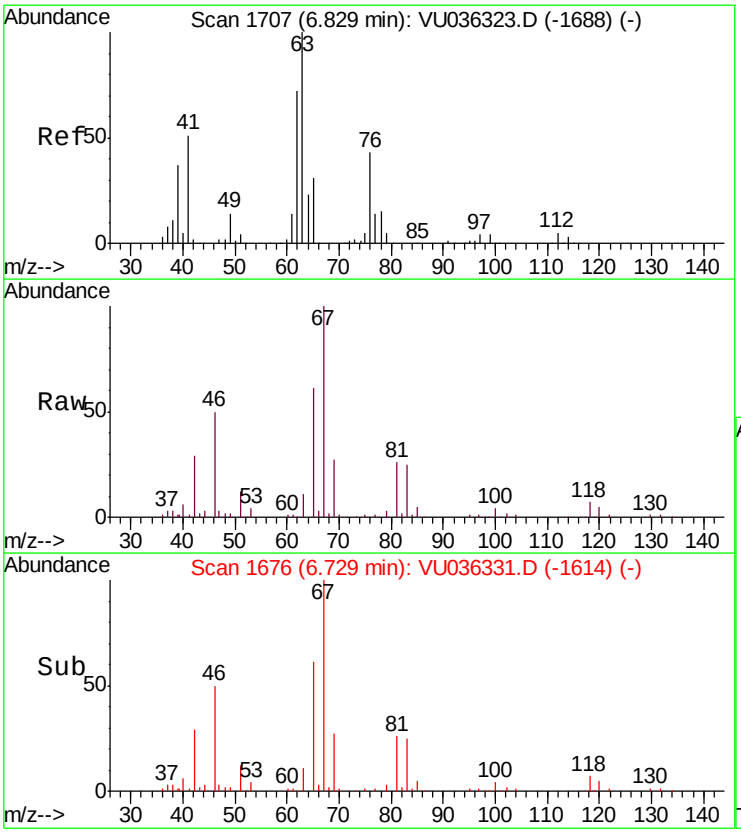
#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Tgt Ion: 83 Resp: 26575

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.6	94.0#
98	1.5	36.2	54.2#

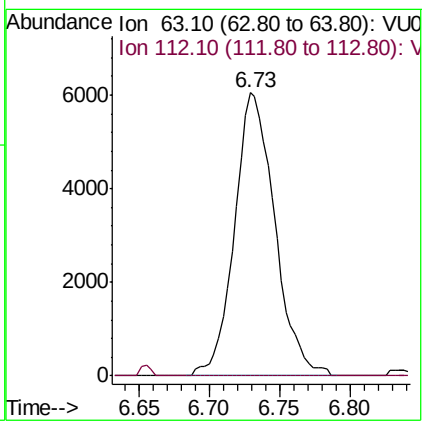


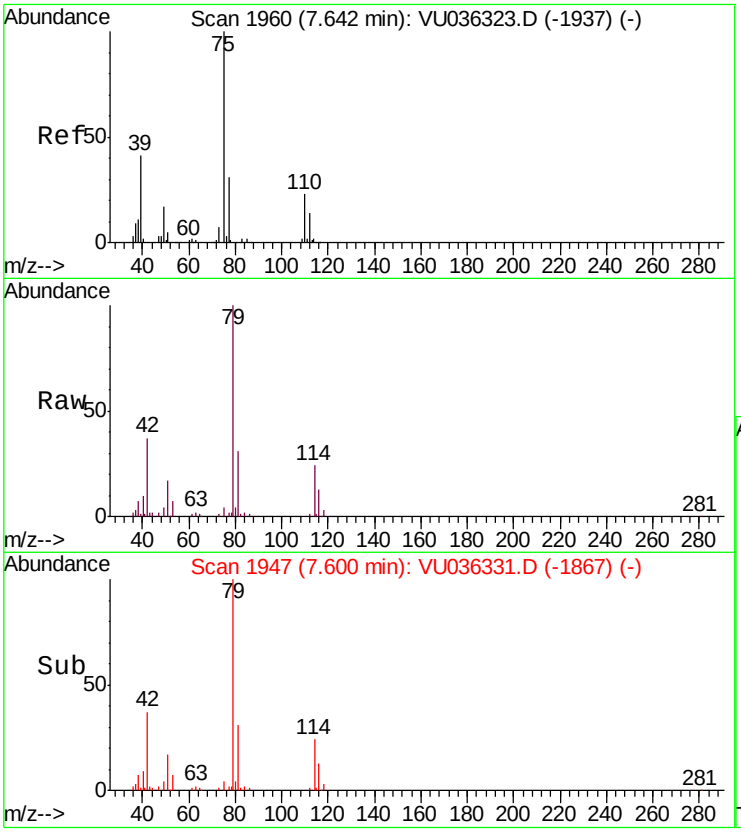


#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Tgt Ion: 63 Resp: 12111

Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.8	5.8#



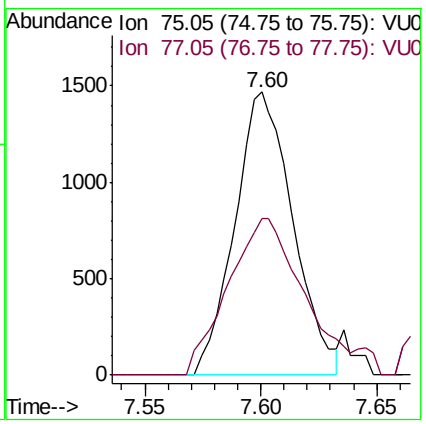


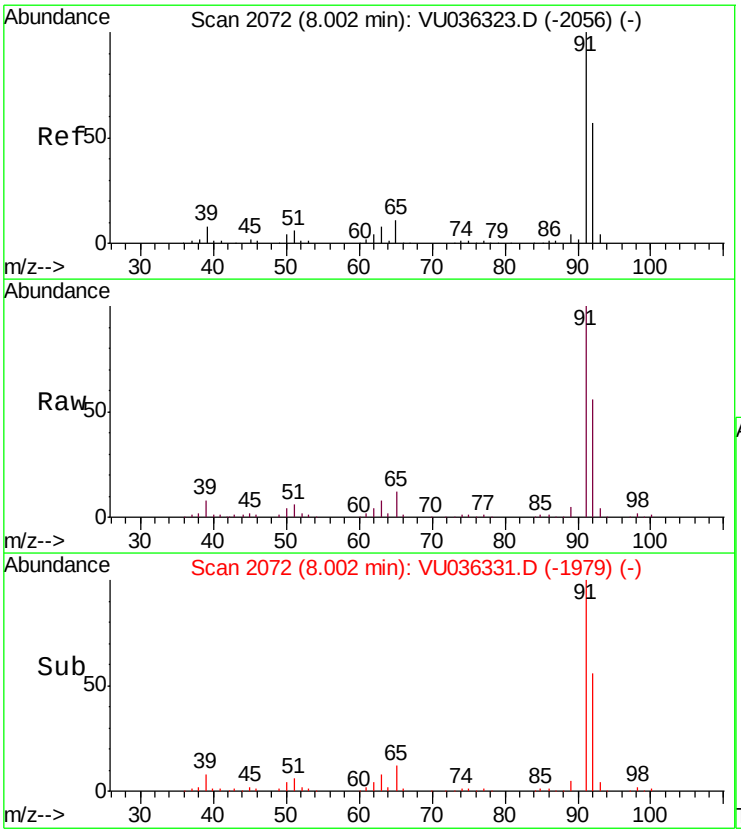
#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Instrument :
MSVOA_U
ClientSampleId :
BFDW9DL

Tgt Ion: 75 Resp: 2564

Ion	Ratio	Lower	Upper
75	100		
77	55.5	22.7	42.1#

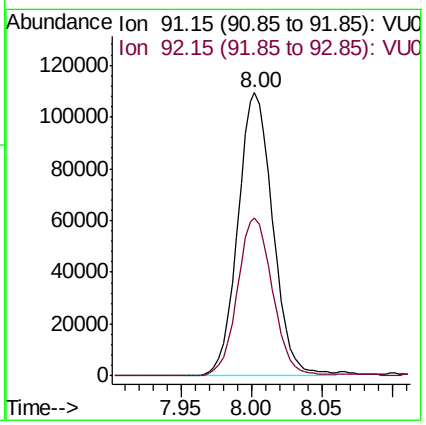


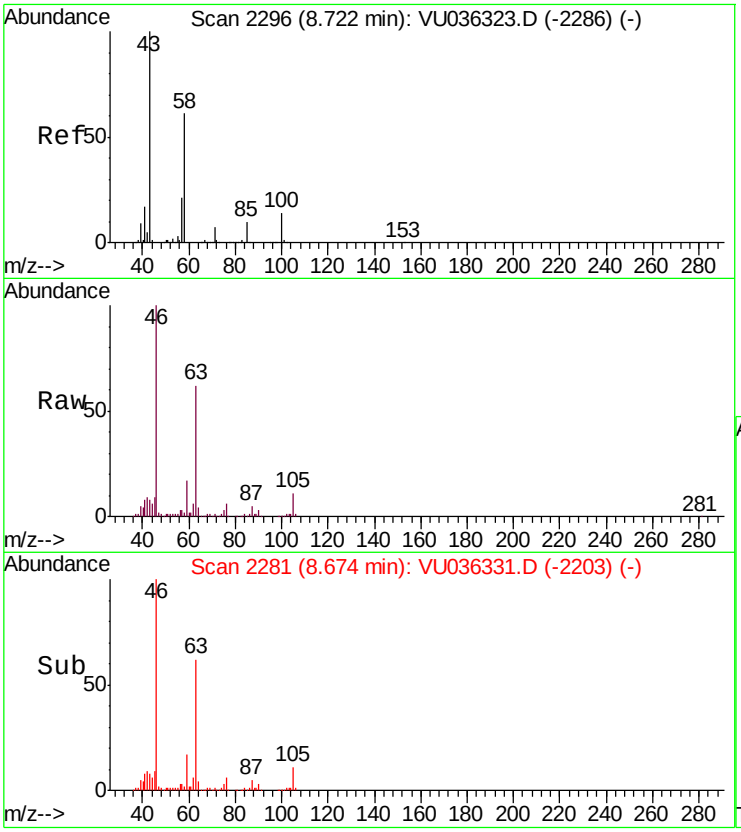


#42
Toluene
Concen: 2.146 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Tgt Ion: 91 Resp: 189988

Ion	Ratio	Lower	Upper
91	100		
92	55.9	41.2	76.6



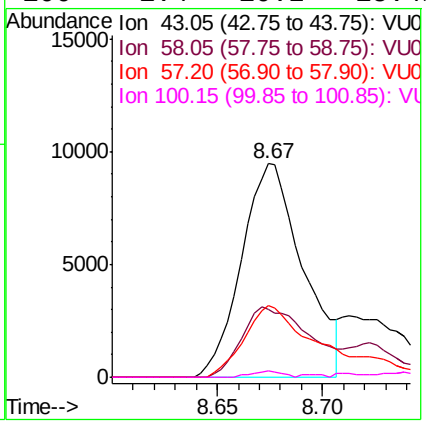


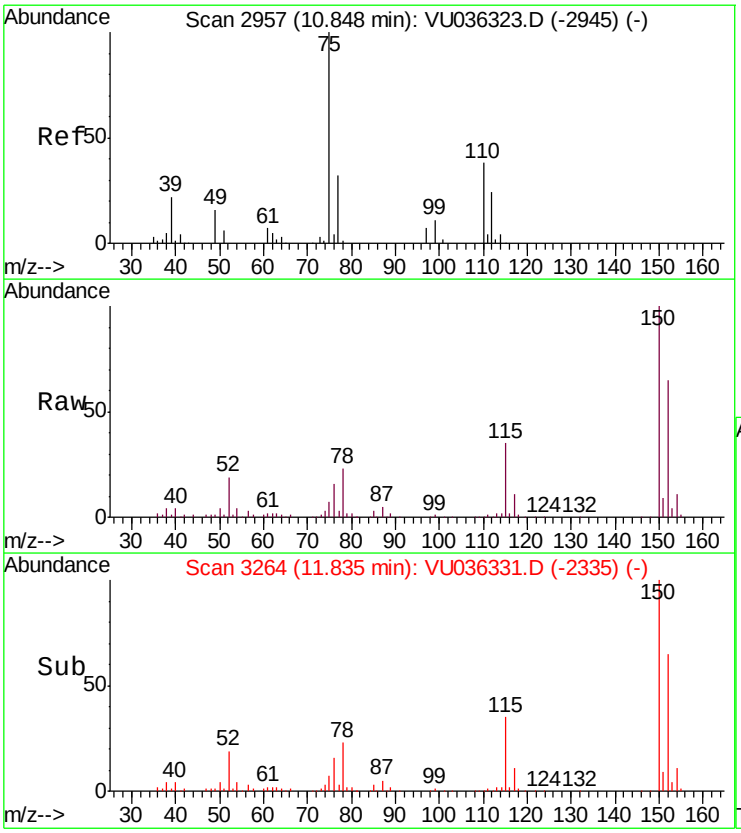
#48
2-Hexanone
Concen: 2.328 ug/L
RT: 8.67 min Scan# 2281
Delta R.T. -0.05 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Tgt Ion: 43 Resp: 19156

Ion	Ratio	Lower	Upper
43	100		
58	37.4	46.2	69.2#
57	42.6	16.2	24.4#
100	1.4	10.2	15.4#

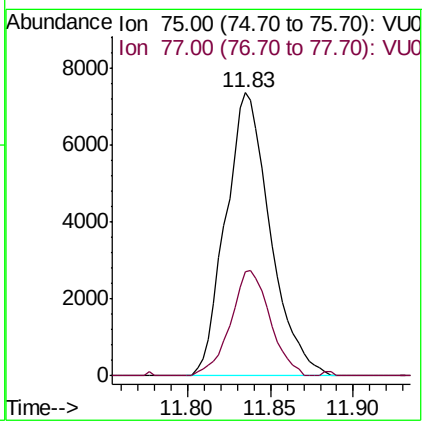


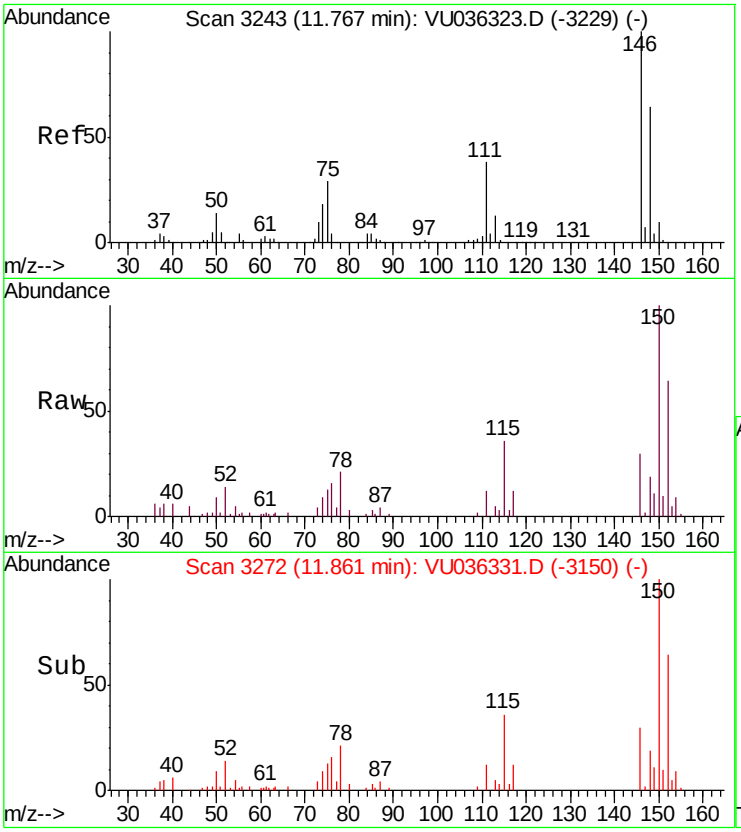


#59
1,2,3-Trichloropropane
Concen: 0.984 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.99 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Tgt Ion: 75 Resp: 13778

Ion	Ratio	Lower	Upper
75	100		
77	32.9	27.2	40.8



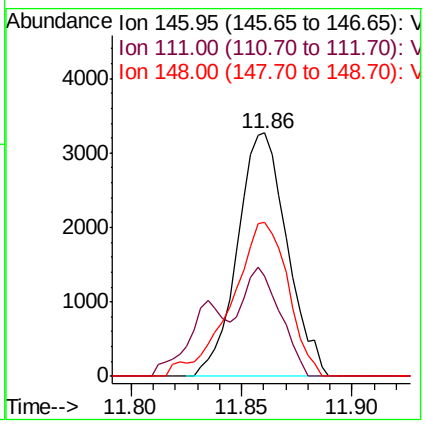


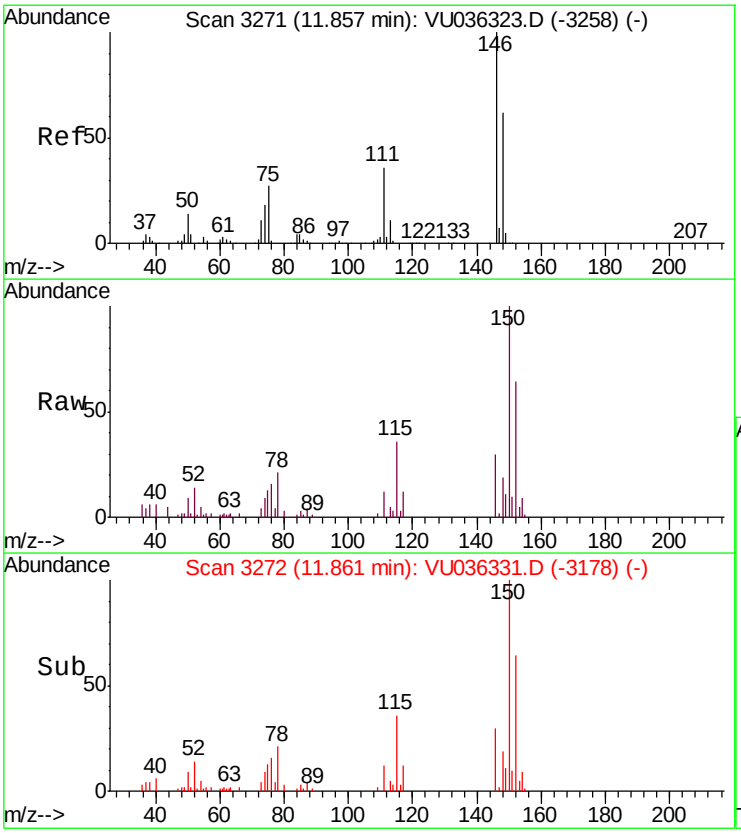
#62
1,3-Dichlorobenzene
Concen: 0.143 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.09 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Instrument : MSVOA_U
ClientSampleId : BFDW9DL

Tgt Ion:146 Resp: 5117

Ion	Ratio	Lower	Upper
146	100		
111	41.4	26.3	48.9
148	63.5	45.1	83.9

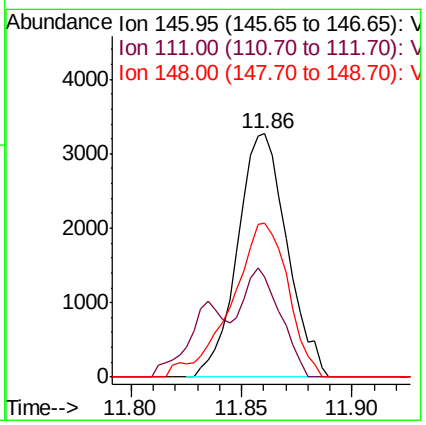


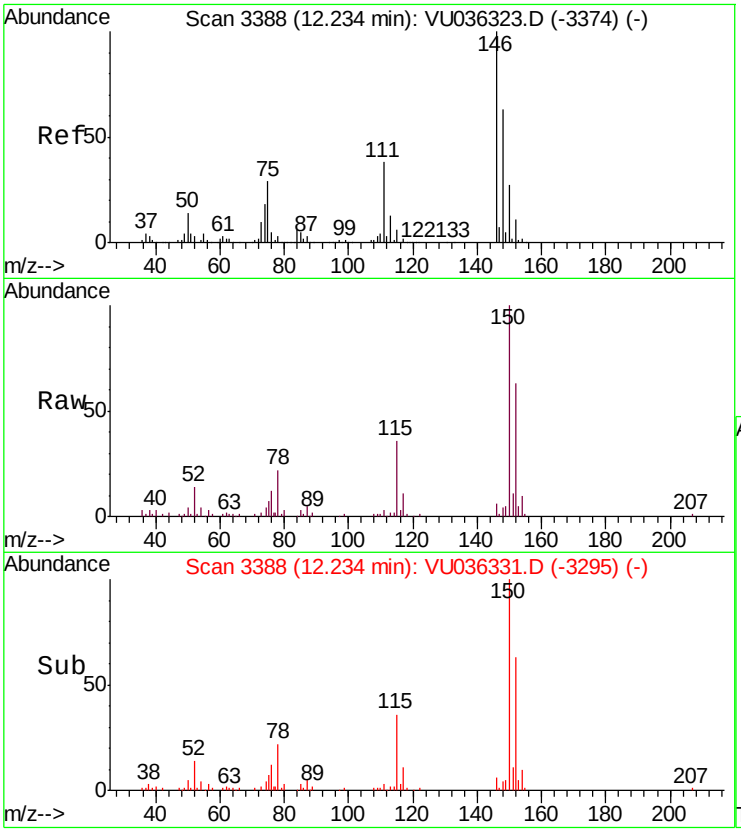


#63
1,4-Dichlorobenzene
Concen: 0.144 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Tgt Ion:146 Resp: 5117

Ion	Ratio	Lower	Upper
146	100		
111	41.4	25.8	48.0
148	63.5	44.7	82.9





#65
1,2-Dichlorobenzene
Concen: 0.094 ug/L
RT: 12.23 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VU036331.D
Acq: 23 Dec 2019 17:12

Instrument :
MSVOA_U
ClientSampleId :
BFDW9DL

Tgt Ion:146 Resp: 3209

Ion	Ratio	Lower	Upper
146	100		
111	42.7	32.5	48.7
148	64.5	49.2	73.8