Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121019\
Data File : VU036079.D
Acq On : 10 Dec 2019 13:00
Operator : JC/MD
Sample : K6132-19DL 2X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Dec 11 06:30:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 06:27:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	347460	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	373270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	132618	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	146398	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.93	69	127992	3.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.80%			
11) 1,1-Dichloroethene-d2	2.59	63	159786	2.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.40%#			
20) 2-Butanone-d5	4.69	46	279417	52.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.90%			
24) Chloroform-d	5.11	84	228876	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.75	65	118815	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
32) Benzene-d6	5.77	84	445458	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.73	67	139737	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.93	98	354817	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
43) trans-1,3-Dichloropropene-	8.21	79	52569	4.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.60%			
46) 2-Hexanone-d5	8.68	63	224785	52.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.62%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	122502	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	124257	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	116077	3.336	ug/L #	27
8) Chloroethane	1.95	64	95177	3.596	ug/L #	75
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3699	0.110	ug/L #	66
12) 1,1-Dichloroethene	2.60	96	3980	0.132	ug/L #	1
13) Acetone	2.67	43	49972	7.460	ug/L	100
16) Methylene chloride	3.08	84	15721	0.448	ug/L	90
19) 1,1-Dichloroethane	3.92	63	306289	6.614	ug/L	99
21) 2-Butanone	4.77	43	20259	3.021	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	271149	10.013	ug/L	98
25) Chloroform	5.14	83	34339	0.665	ug/L	87
29) 1,1,1-Trichloroethane	5.36	97	118417	2.815	ug/L	99
31) Carbon tetrachloride	5.36	117	16764	0.441	ug/L	95
33) Benzene	5.82	78	65680	0.644	ug/L	100
35) Methylcyclohexane	6.73	83	33856	0.932	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	13916	0.544	ug/L #	86
38) Bromodichloromethane	7.14	83	4169	0.121	ug/L #	99
39) cis-1,3-Dichloropropene	7.60	75	3496	0.101	ug/L #	60

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121019\
Data File : VU036079.D
Acq On : 10 Dec 2019 13:00
Operator : JC/MD
Sample : K6132-19DL 2X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Dec 11 06:30:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 06:27:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	8.01	91	20355	0.186	ug/L		97
48) 2-Hexanone	8.68	43	25571	2.667	ug/L	#	67
51) Chlorobenzene	9.47	112	20914	0.274	ug/L		96
54) o-Xylene	10.13	106	3186	0.074	ug/L		95
59) 1,2,3-Trichloropropane	11.84	75	14786	0.808	ug/L		91

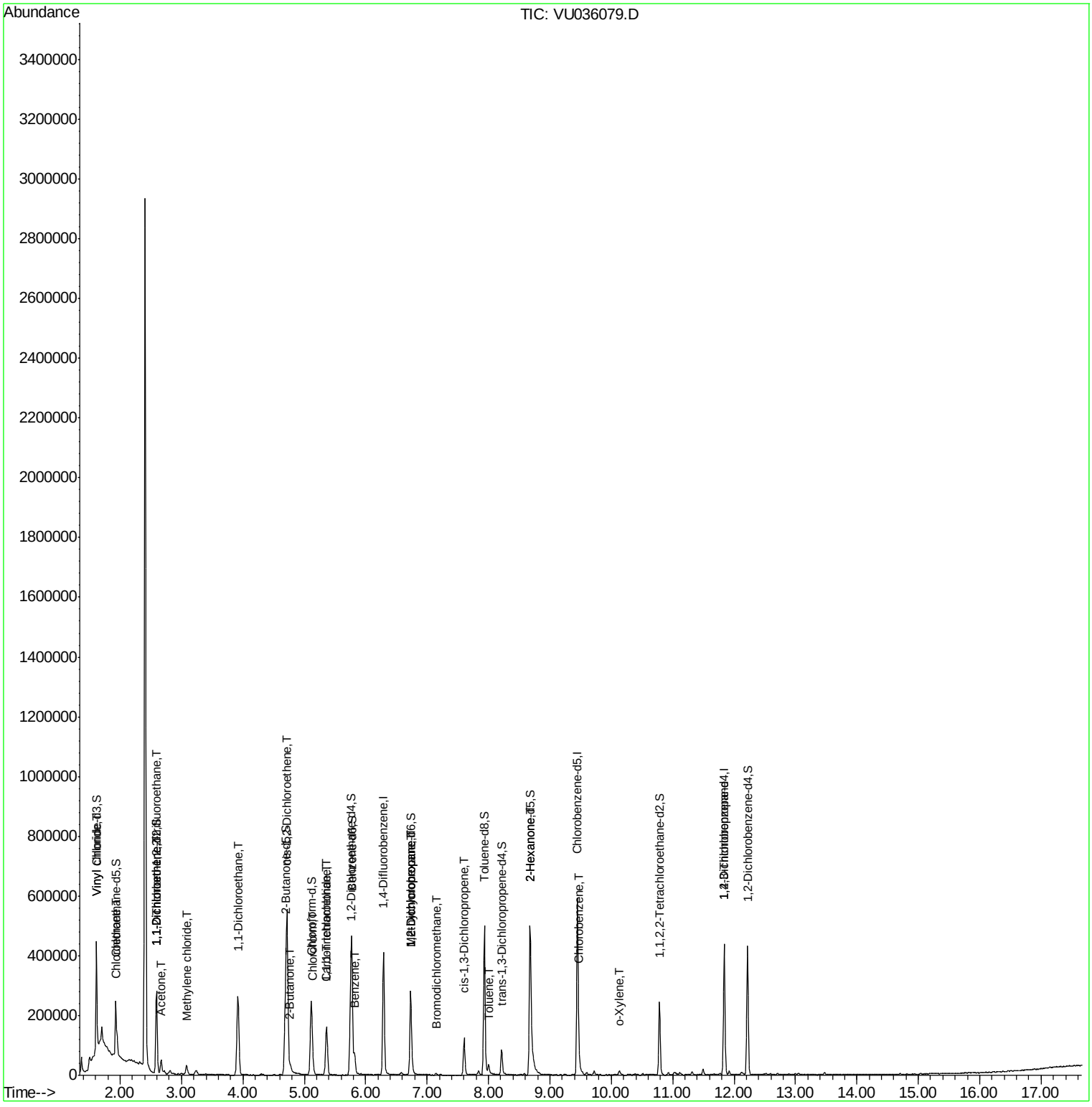
(#) = qualifier out of range (m) = manual integration (+) = signals summed

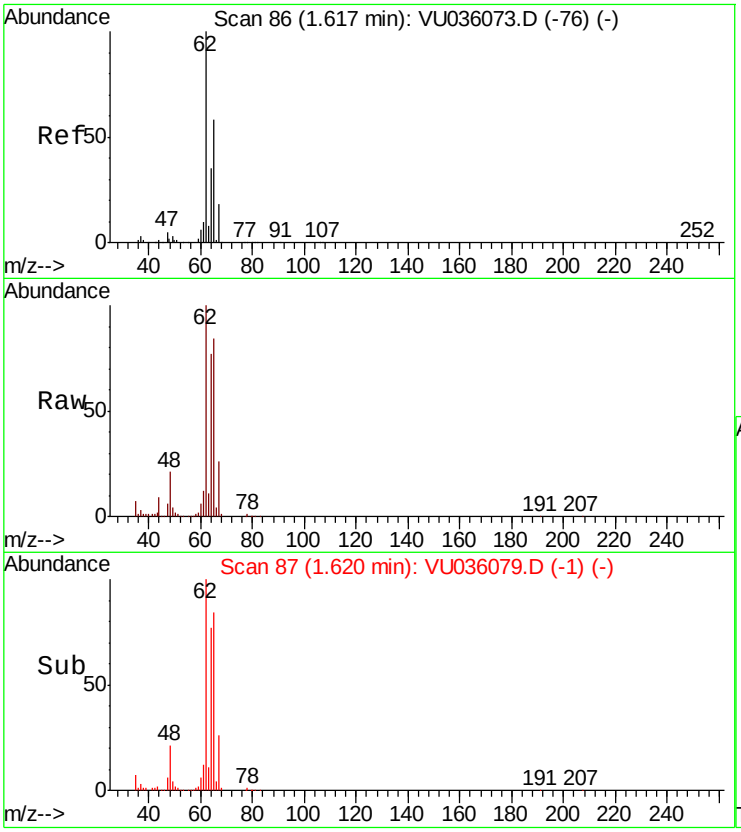
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121019\
Data File : VU036079.D
Acq On : 10 Dec 2019 13:00
Operator : JC/MD
Sample : K6132-19DL 2X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 11 06:30:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 06:27:41 2019
Response via : Initial Calibration



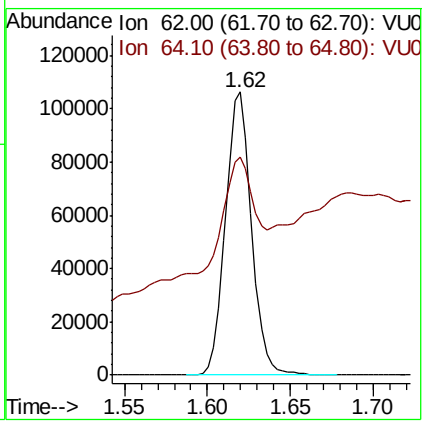


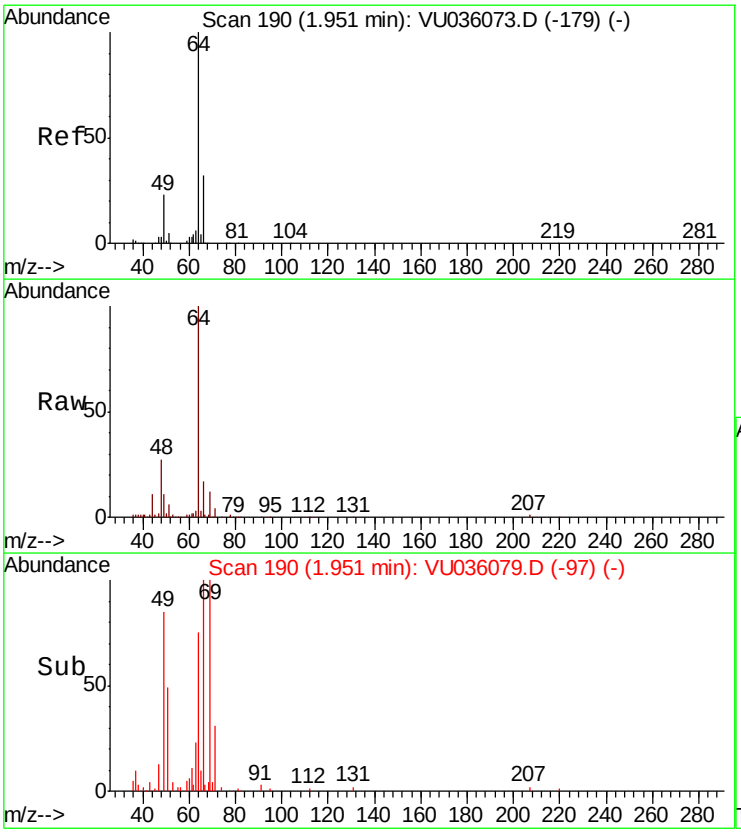
#5
Vinyl chloride
Concen: 3.336 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 116077

Ion	Ratio	Lower	Upper
62	100		
64	77.0	24.3	45.1#

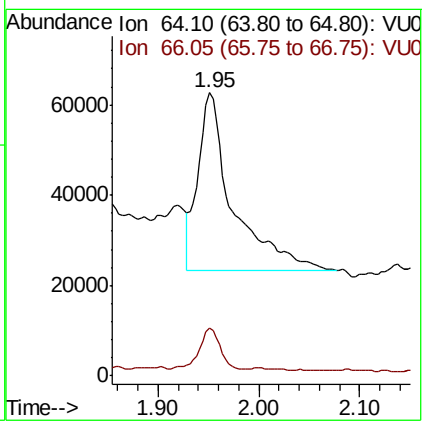


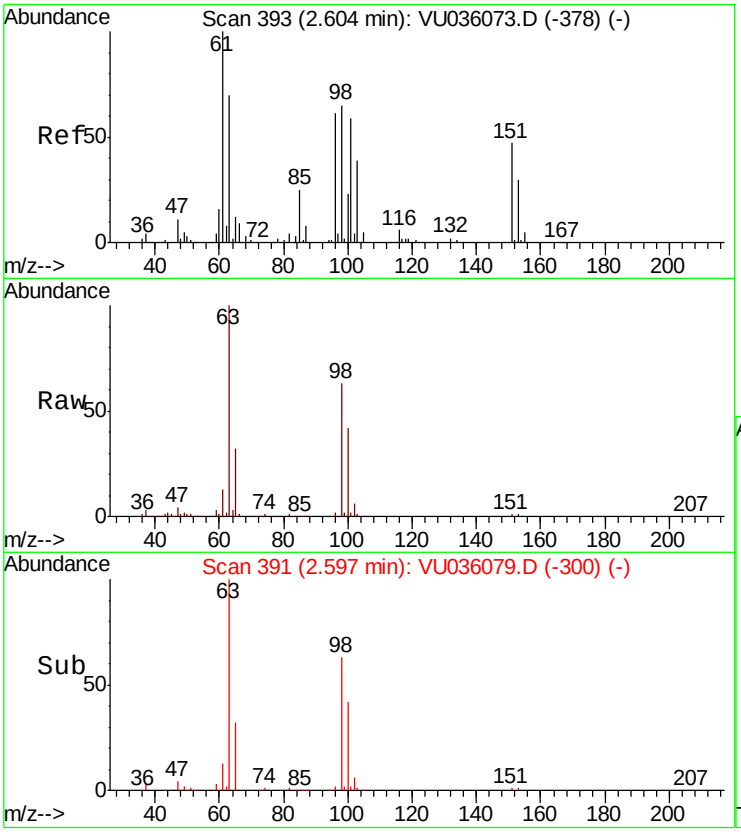


#8
Chloroethane
Concen: 3.596 ug/L
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion: 64 Resp: 95177

Ion	Ratio	Lower	Upper
64	100		
66	17.1	21.5	39.9#



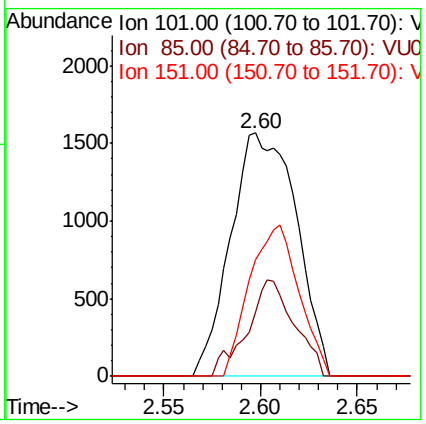


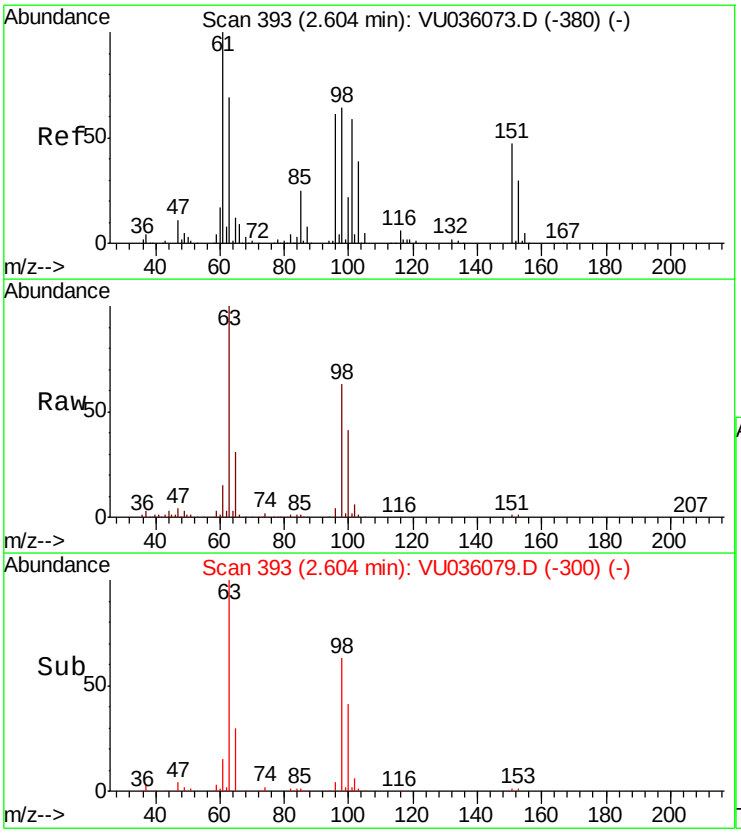
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.110 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 3699

Ion	Ratio	Lower	Upper
101	100		
85	28.7	33.1	49.7#
151	46.7	66.5	99.7#

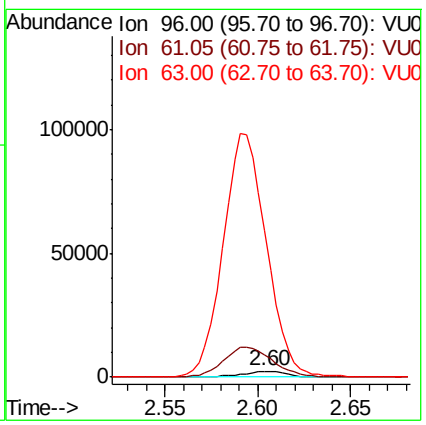


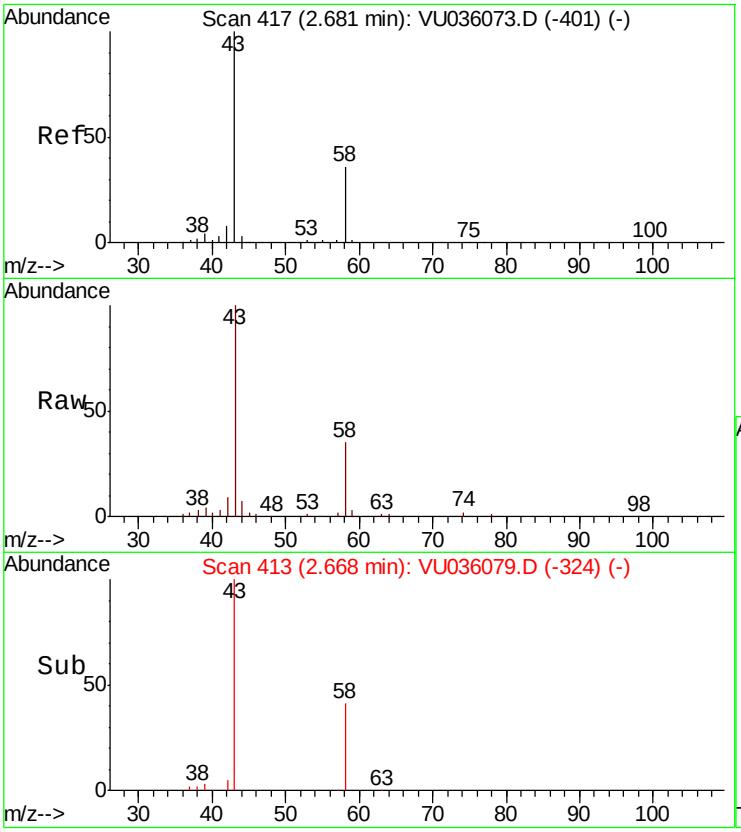


#12
1,1-Dichloroethene
Concen: 0.132 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion: 96 Resp: 3980

Ion	Ratio	Lower	Upper
96	100		
61	396.9	104.3	193.7#
63	2626.3	65.6	121.8#



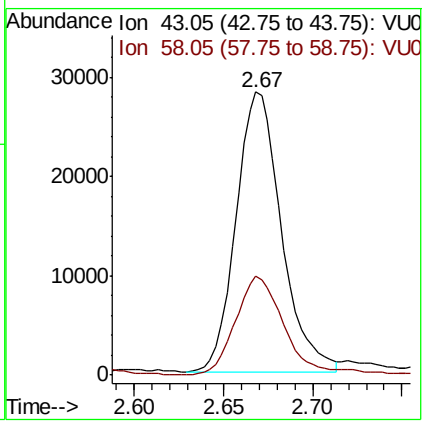


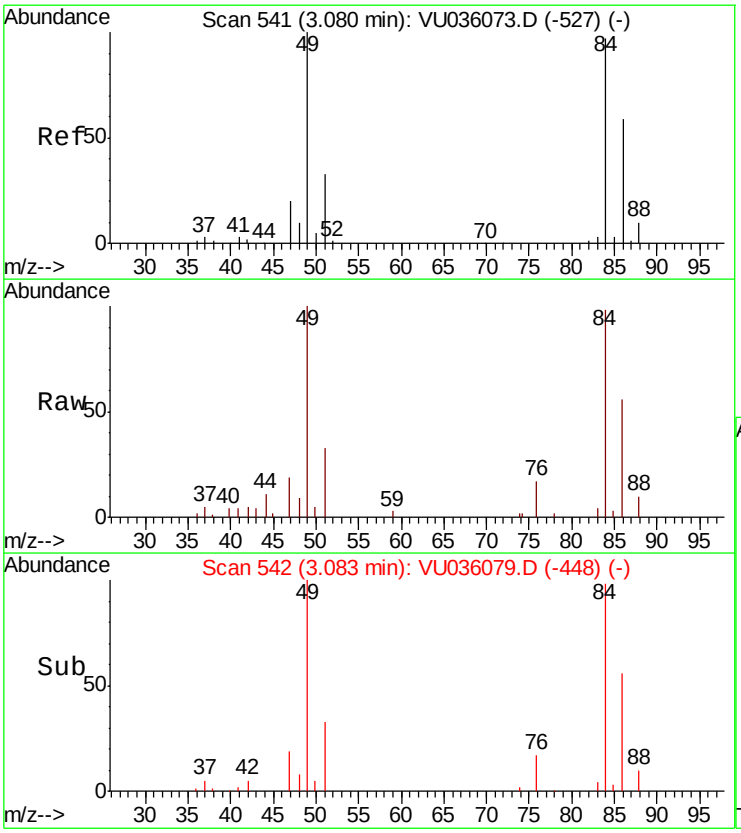
#13
Acetone
Concen: 7.460 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 49972

Ion	Ratio	Lower	Upper
43	100		
58	37.2	0.0	74.2

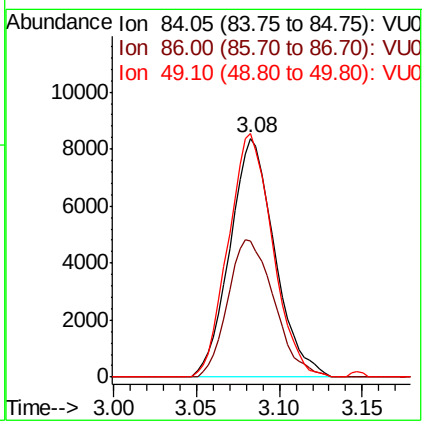


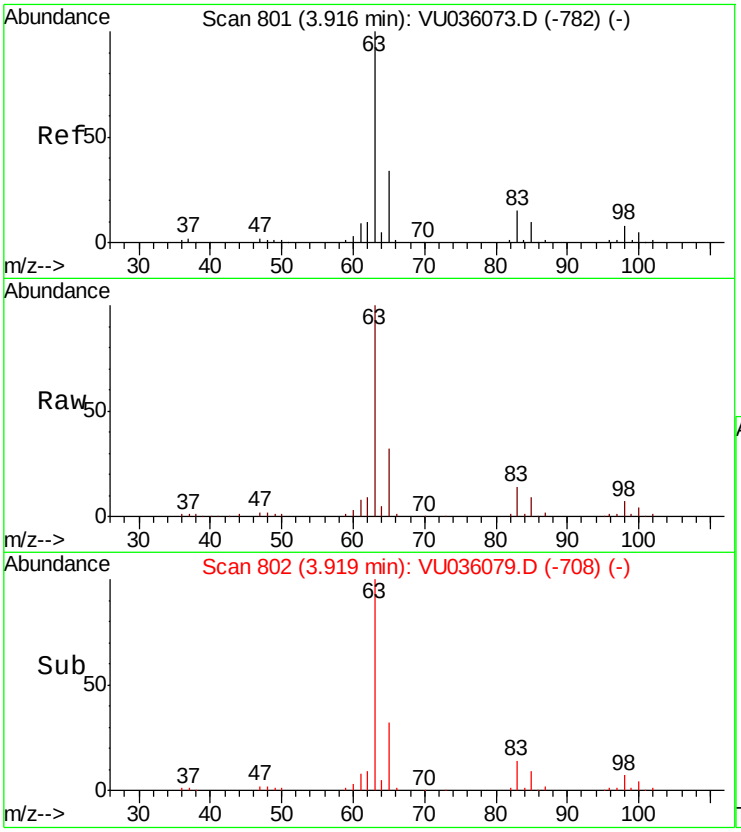


#16
Methylene chloride
Concen: 0.448 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion: 84 Resp: 15721

Ion	Ratio	Lower	Upper
84	100		
86	57.0	47.5	88.3
49	101.9	76.9	142.9



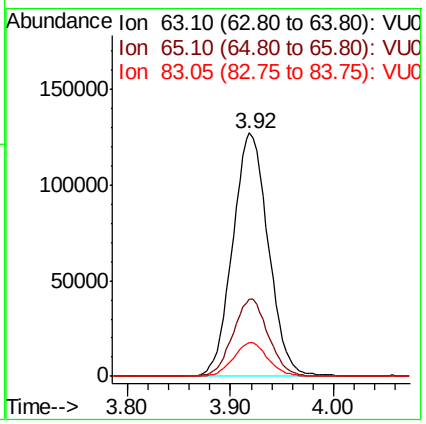


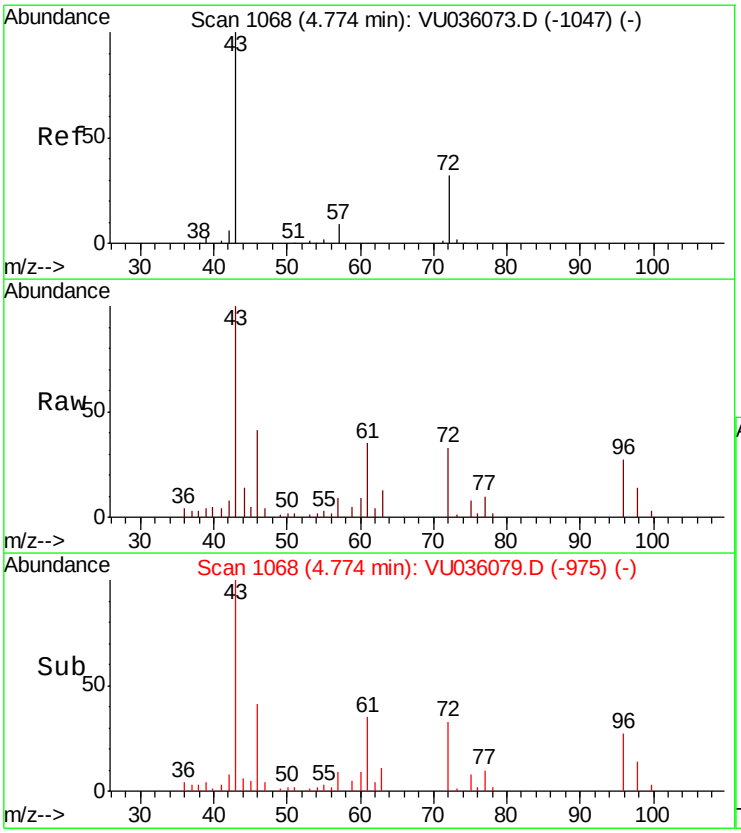
#19
1,1-Dichloroethane
Concen: 6.614 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 306289

Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.8	40.4
83	13.9	10.1	18.9

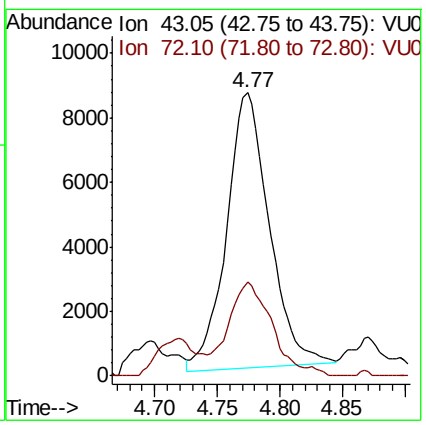


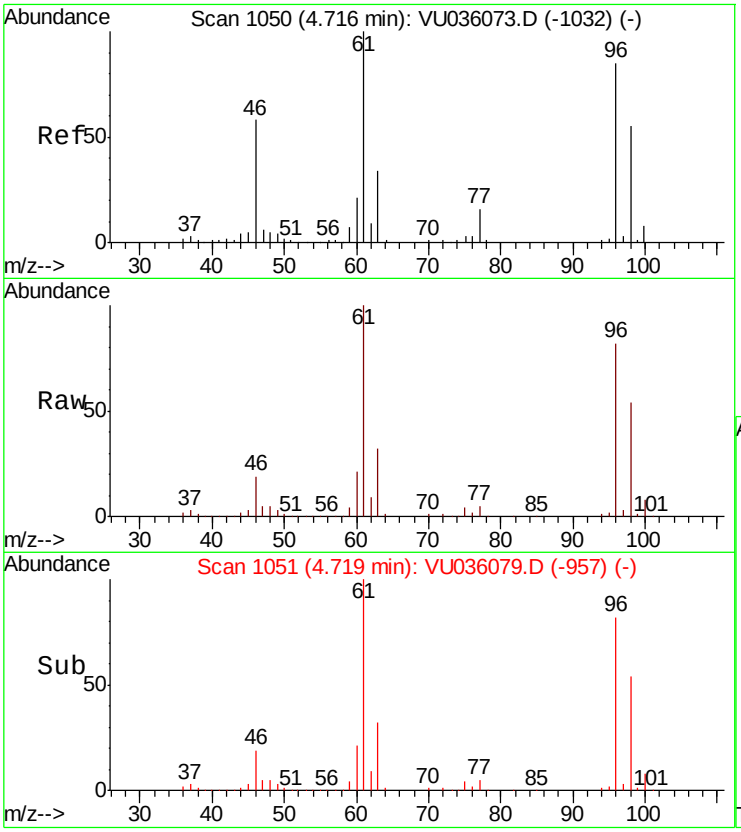


#21
2-Butanone
Concen: 3.021 ug/L
RT: 4.77 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion: 43 Resp: 20259

Ion	Ratio	Lower	Upper
43	100		
72	30.2	15.0	45.0



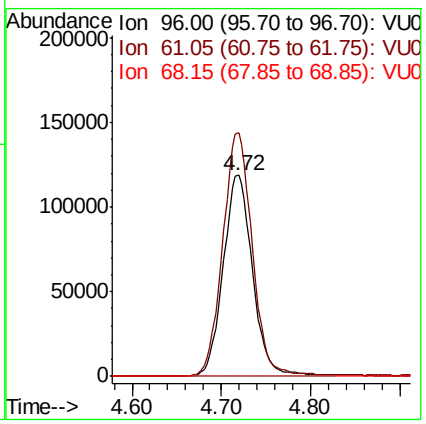


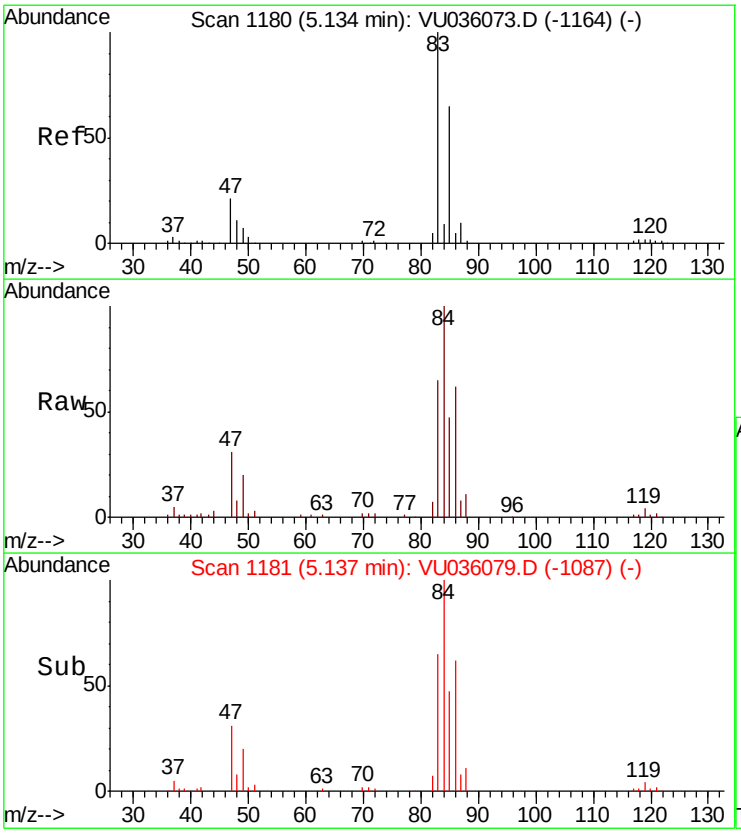
#22
cis-1,2-Dichloroethene
Concen: 10.013 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 271149

Ion	Ratio	Lower	Upper
96	100		
61	121.2	83.0	154.2
68	0.0	0.0	0.0

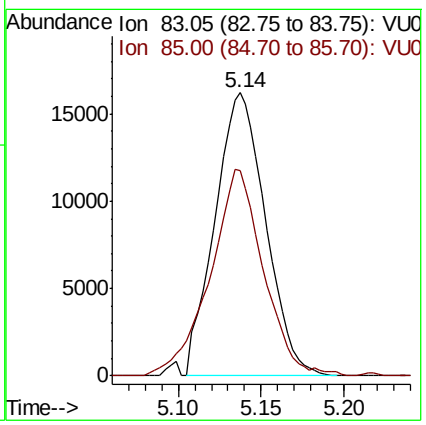


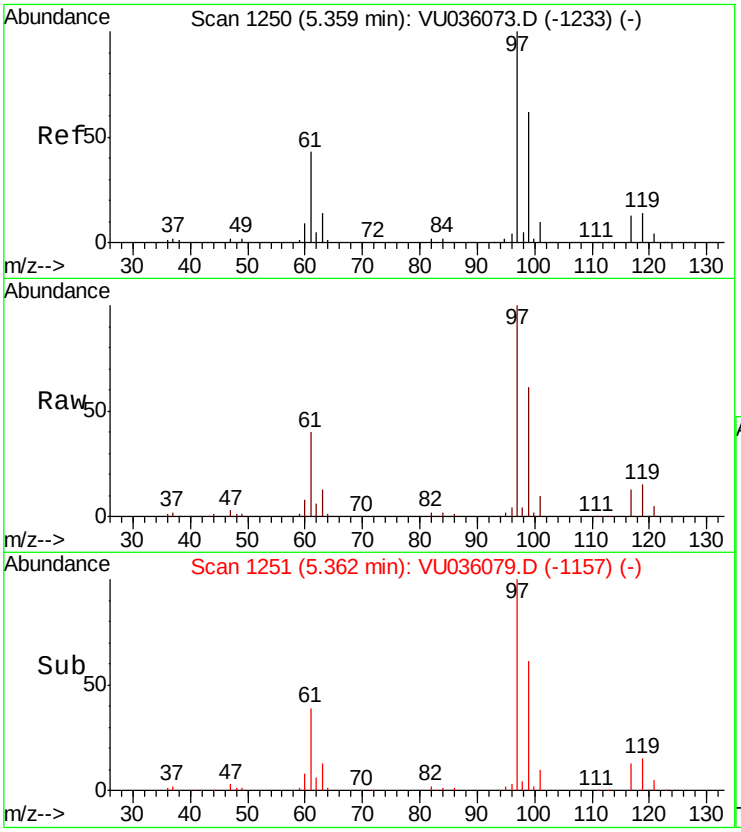


#25
Chloroform
Concen: 0.665 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion: 83 Resp: 34339

Ion	Ratio	Lower	Upper
83	100		
85	72.4	43.9	81.5



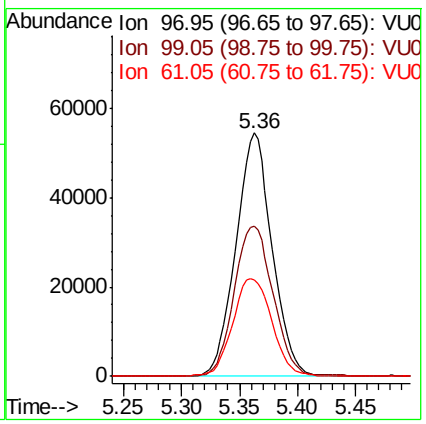


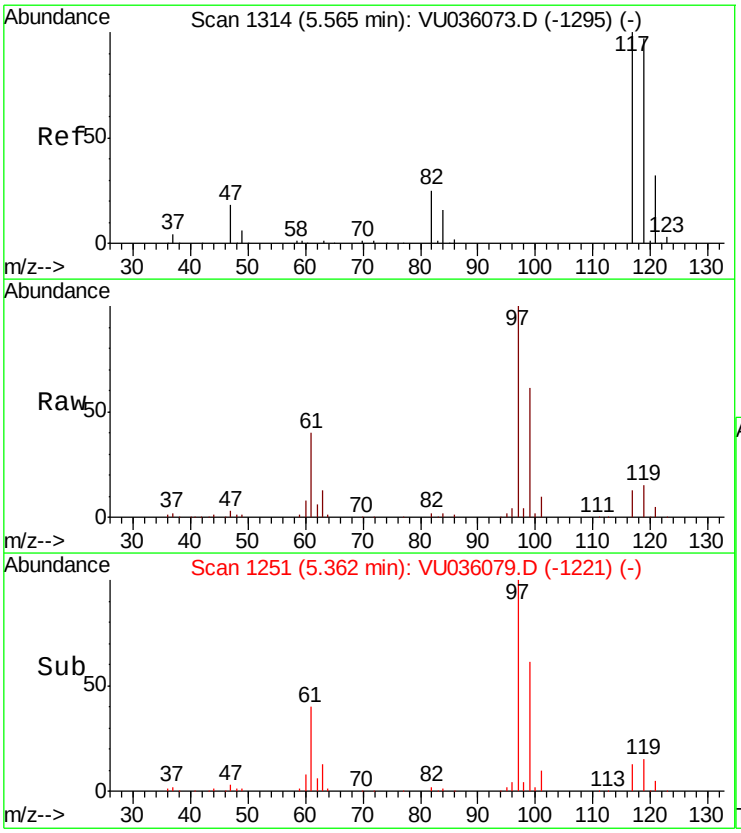
#29
1,1,1-Trichloroethane
Concen: 2.815 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 118417

Ion	Ratio	Lower	Upper
97	100		
99	66.3	52.2	78.2
61	43.3	34.7	52.1

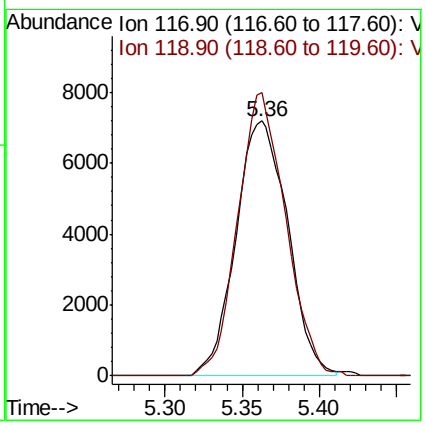


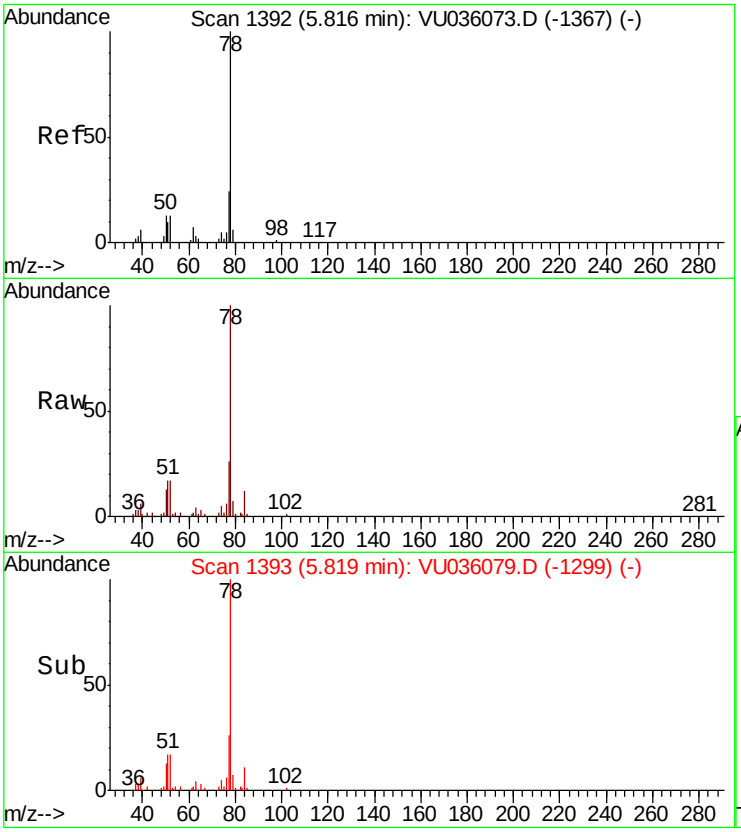


#31
Carbon tetrachloride
Concen: 0.441 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. -0.20 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion:117 Resp: 16764

Ion	Ratio	Lower	Upper
117	100		
119	102.7	78.2	117.4

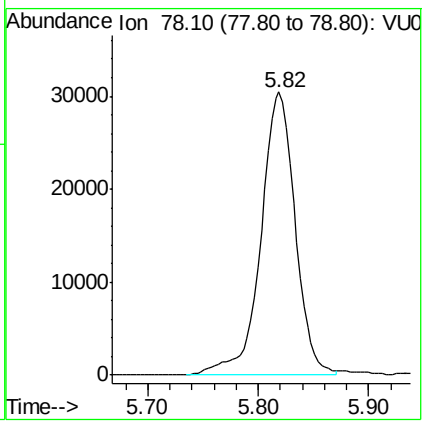


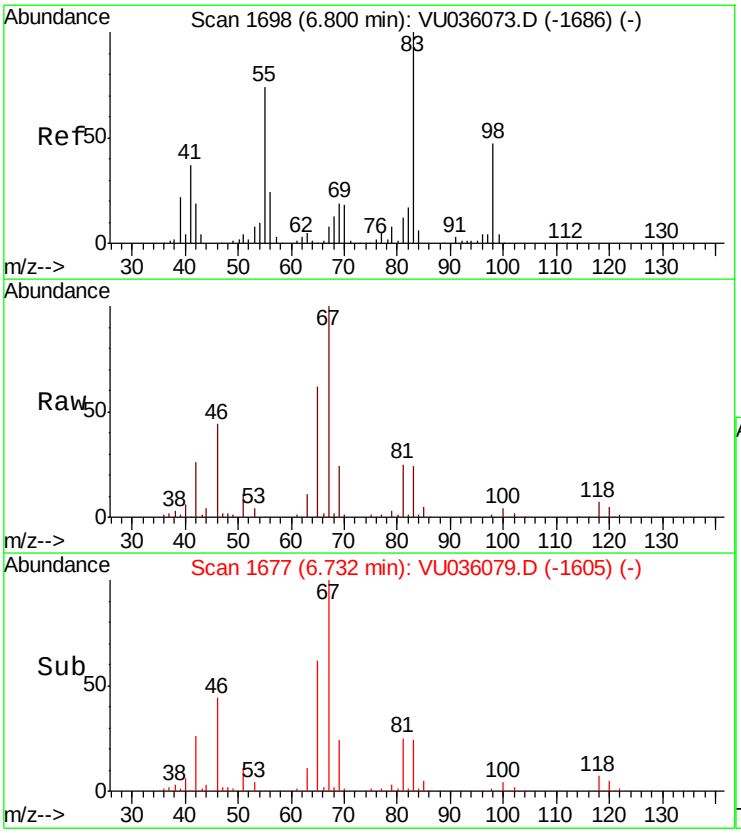


#33
Benzene
Concen: 0.644 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 65680

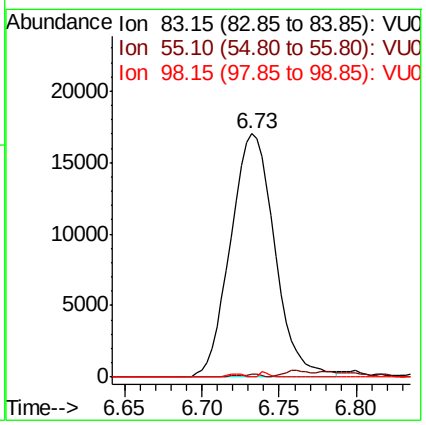


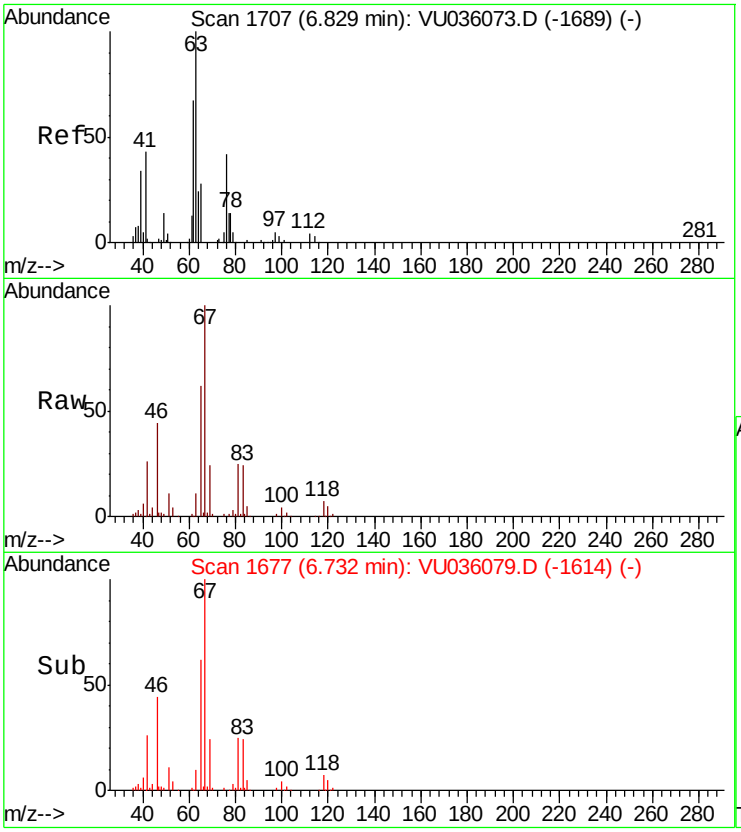


#35
Methylcyclohexane
Concen: 0.932 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion: 83 Resp: 33856

Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.1	93.1#
98	0.5	37.0	55.4#



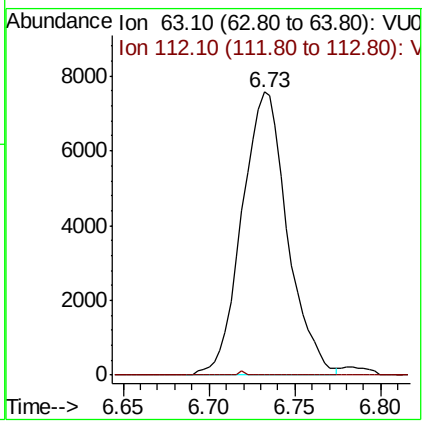


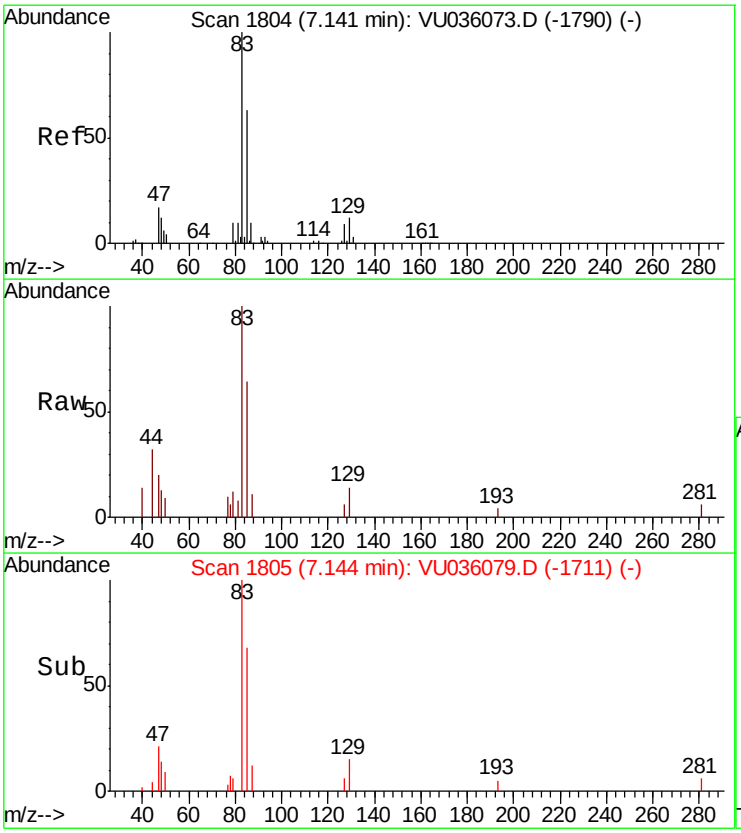
#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 13916

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.8	5.8#

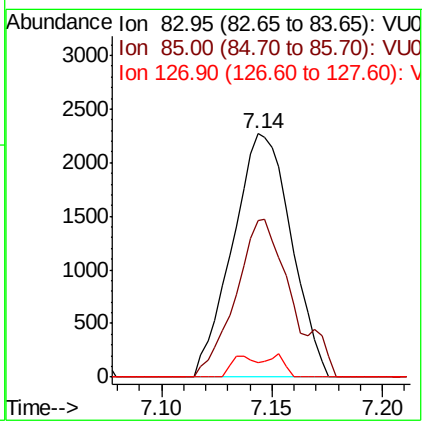


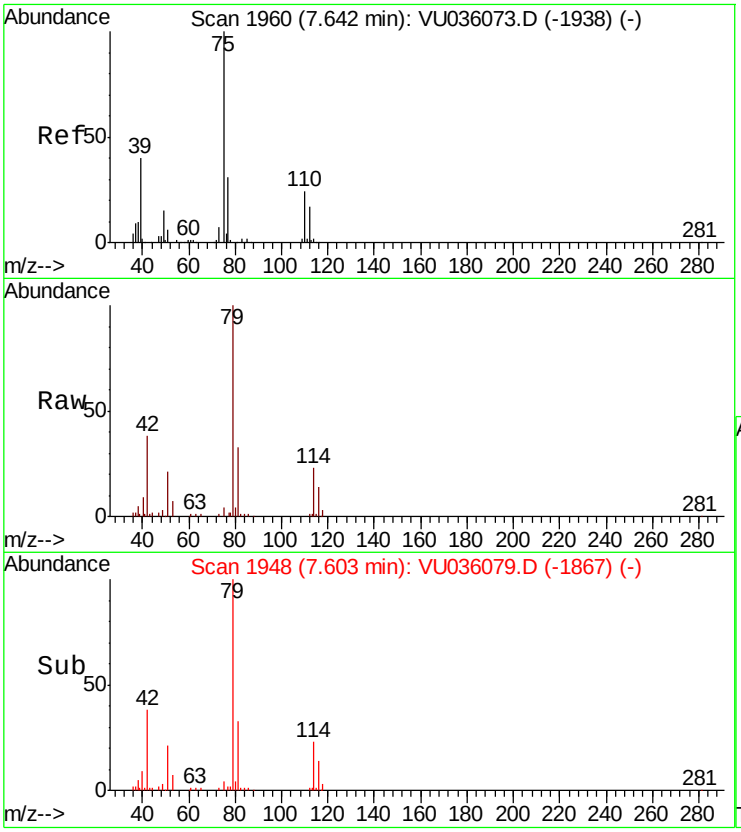


#38
Bromodichloromethane
Concen: 0.121 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion: 83 Resp: 4169

Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.2	84.0
127	6.0	7.4	11.2#



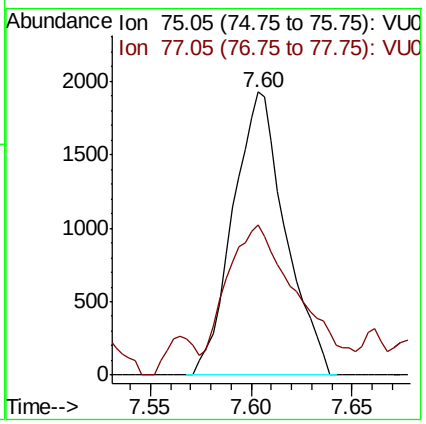


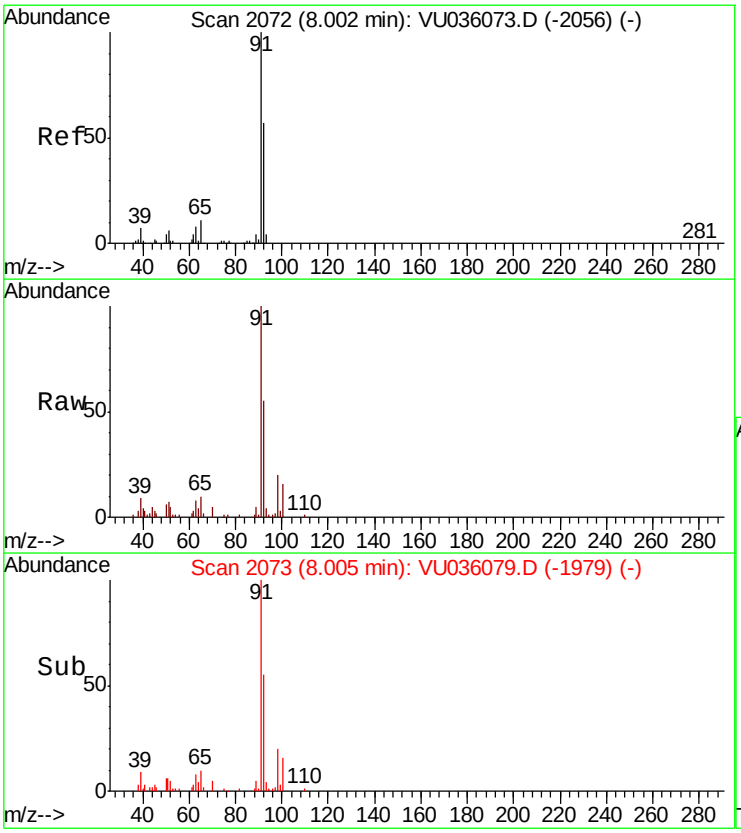
#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3496

Ion	Ratio	Lower	Upper
75	100		
77	53.1	21.7	40.3#

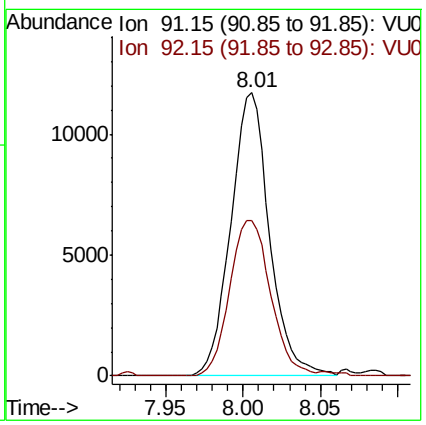


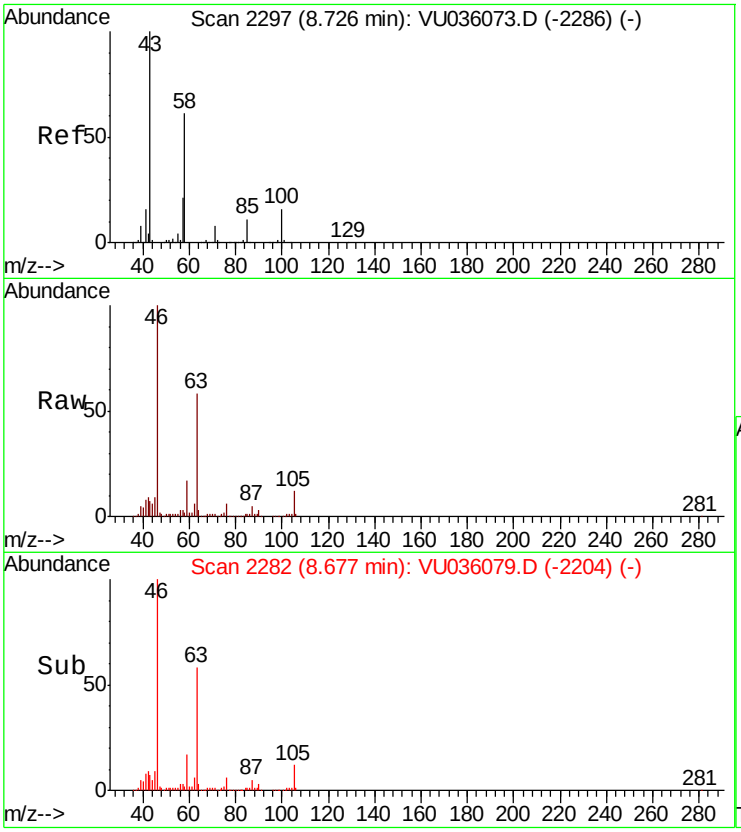


#42
Toluene
Concen: 0.186 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion: 91 Resp: 20355

Ion	Ratio	Lower	Upper
91	100		
92	54.8	40.0	74.4



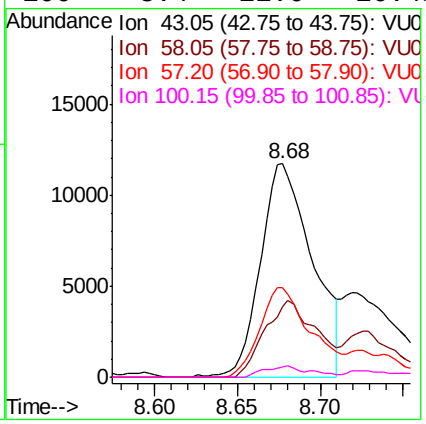


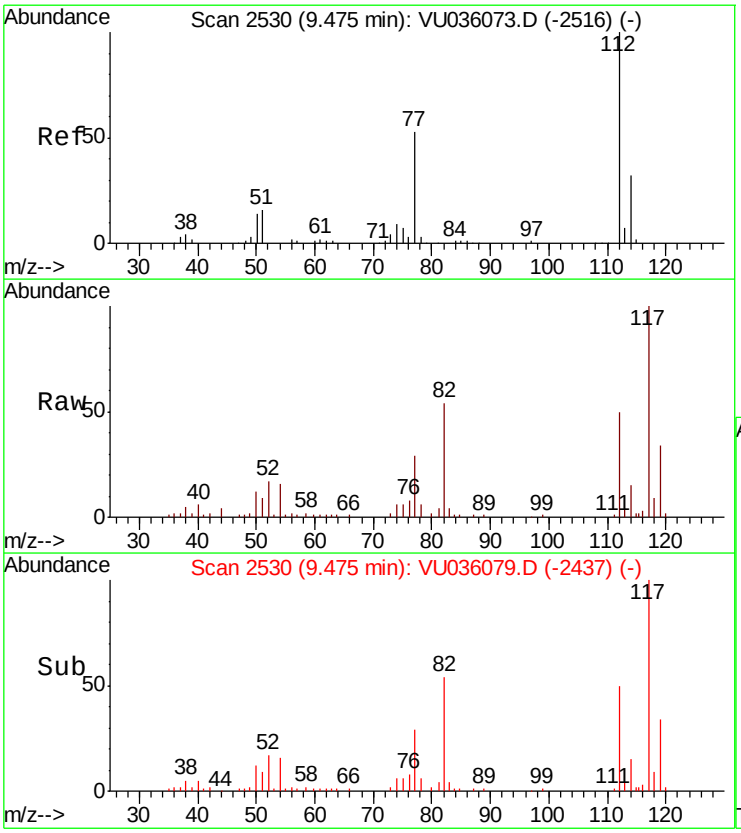
#48
2-Hexanone
Concen: 2.667 ug/L
RT: 8.68 min Scan# 2282
Delta R.T. -0.05 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 25571

Ion	Ratio	Lower	Upper
43	100		
58	35.8	46.9	70.3#
57	41.1	16.4	24.6#
100	3.4	11.0	16.4#

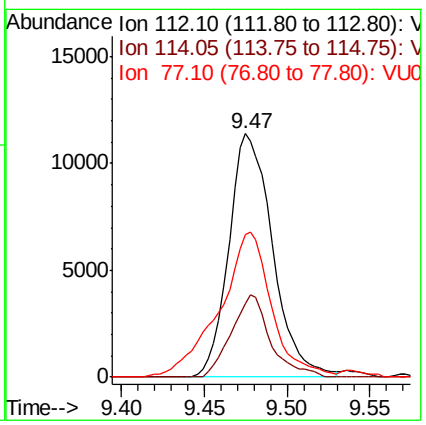


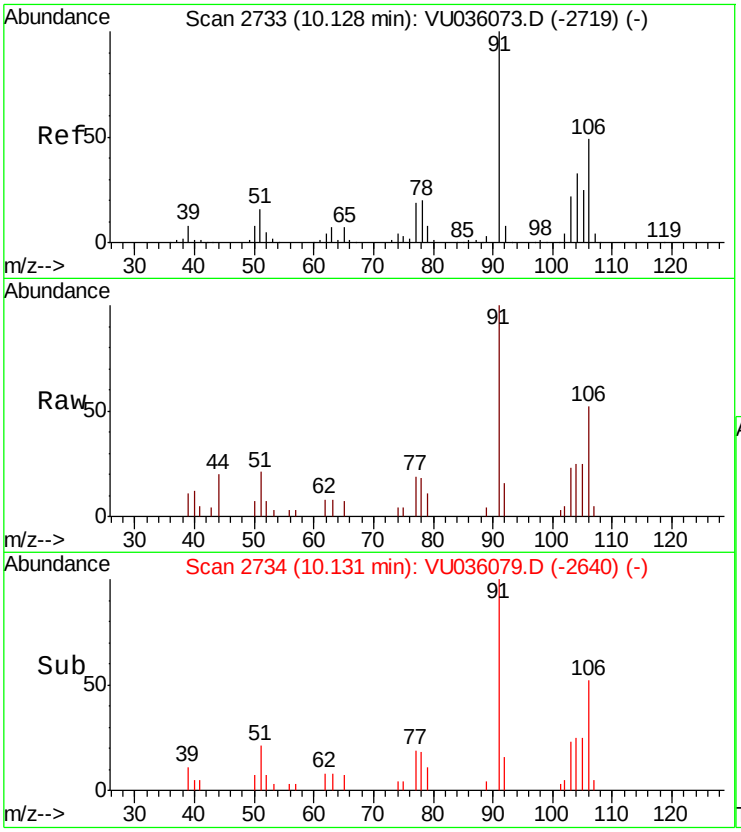


#51
Chlorobenzene
Concen: 0.274 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. -0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion:112 Resp: 20914

Ion	Ratio	Lower	Upper
112	100		
114	30.3	22.3	41.5
77	58.3	43.8	65.8



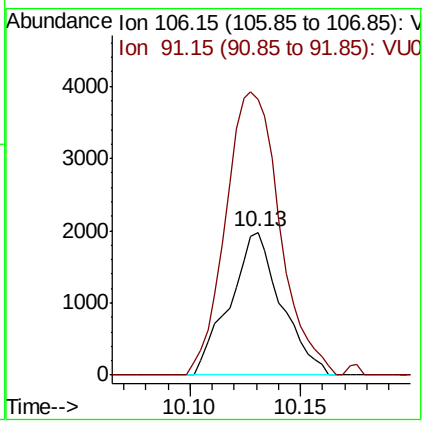


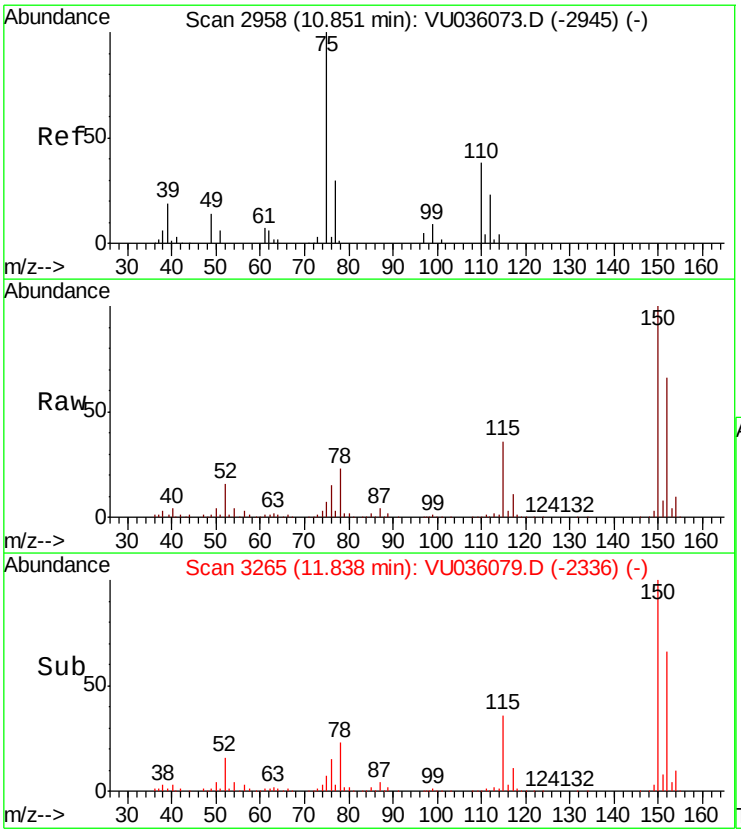
#54
o-Xylene
Concen: 0.074 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 3186

Ion	Ratio	Lower	Upper
106	100		
91	193.6	140.6	261.2





#59
1,2,3-Trichloropropane
Concen: 0.808 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion: 75 Resp: 14786

Ion	Ratio	Lower	Upper
75	100		
77	38.5	26.7	40.1