Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\
Data File : VU035131.D
Acq On : 12 Oct 2019 08:57
Operator : JC/SP
Sample : K5310-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 14 01:20:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 14 01:16:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	180606	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	187611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	89274	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	50481	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.68	69	49498	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.26	63	75391	3.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.00%			
20) 2-Butanone-d5	4.17	46	157052	49.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.90%			
24) Chloroform-d	4.62	84	93526	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.29	65	53882	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
32) Benzene-d6	5.32	84	200004	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.31	67	66070	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.80%			
41) Toluene-d8	7.54	98	204093	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloropropene-	7.84	79	22073	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	8.30	63	129876	51.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.18%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59339	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	76645	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
8) Chloroethane	1.69	64	2827	0.265	ug/L #	61
13) Acetone	2.29	43	256487	99.609	ug/L	52
15) Methyl Acetate	2.69	43	2001830	292.046	ug/L #	53
16) Methylene chloride	2.68	84	11468	0.799	ug/L #	1
17) Methyl tert-butyl Ether	2.98	73	131817	4.165	ug/L #	1
21) 2-Butanone	4.19	43	49820	13.586	ug/L #	50
22) cis-1,2-Dichloroethene	4.21	96	2500	0.180	ug/L	96
25) Chloroform	4.65	83	3986	0.144	ug/L	99
30) Cyclohexane	4.97	56	30079	1.298	ug/L #	97
33) Benzene	5.37	78	99487	1.760	ug/L	100
35) Methylcyclohexane	6.37	83	71053	3.010	ug/L #	1
38) Bromodichloromethane	6.78	83	36551	2.045	ug/L #	26
42) Toluene	7.62	91	11232	0.190	ug/L	95
45) 1,1,2-Trichloroethane	8.03	97	83585	8.258	ug/L #	22
48) 2-Hexanone	8.30	43	32670	4.966	ug/L #	51
49) Dibromochloromethane	8.21	129	1065	0.091	ug/L #	12
53) m,p-Xylene	9.36	106	4539	0.189	ug/L	63

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\
Data File : VU035131.D
Acq On : 12 Oct 2019 08:57
Operator : JC/SP
Sample : K5310-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 14 01:20:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 14 01:16:14 2019
Response via : Initial Calibration

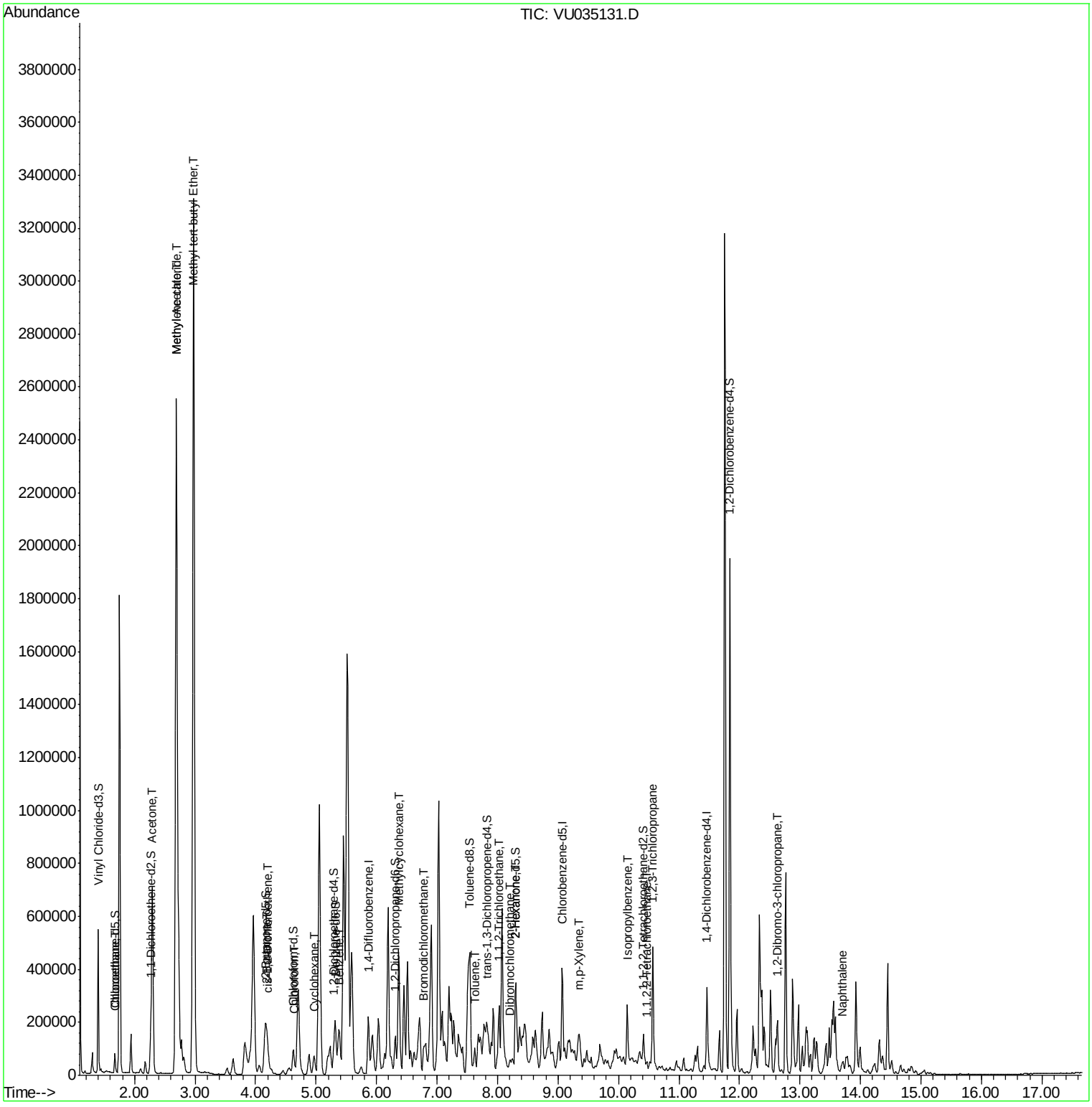
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) Isopropylbenzene	10.14	105	126460	2.017	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.47	83	2025	0.147	ug/L	#	44
59) 1,2,3-Trichloropropane	10.57	75	2552	0.259	ug/L	#	1
66) 1,2-Dibromo-3-chloropropan	12.63	75	800	0.474	ug/L	#	2
69) Naphthalene	13.71	128	3467	0.160	ug/L	#	1

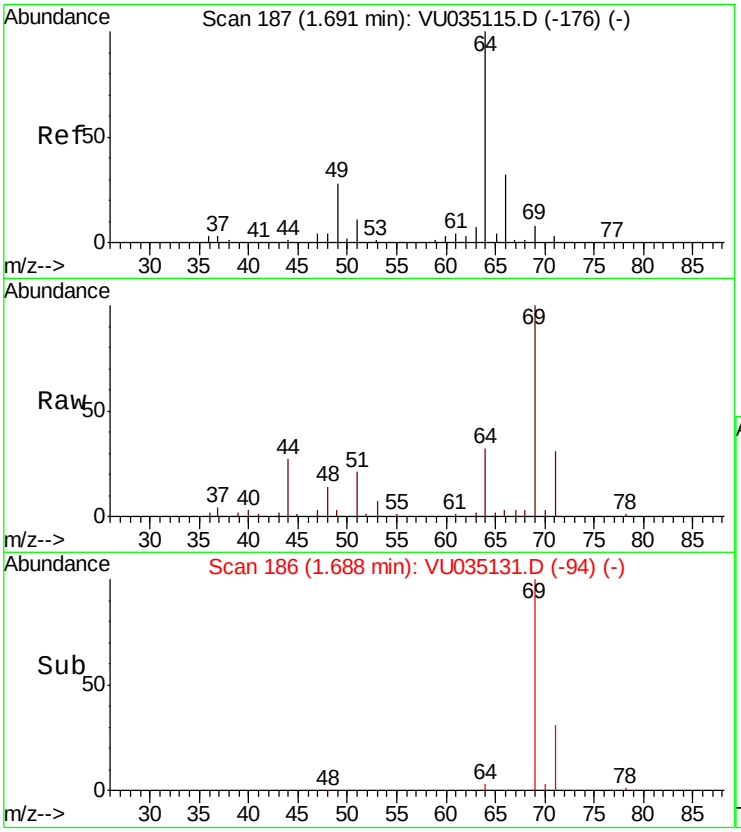
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
Data File : VU035131.D
Acq On : 12 Oct 2019 08:57
Operator : JC/SP
Sample : K5310-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 14 01:20:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 14 01:16:14 2019
Response via : Initial Calibration



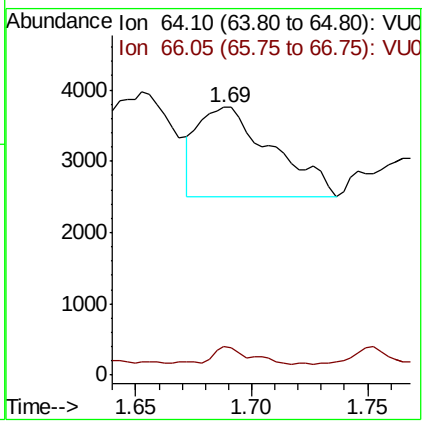


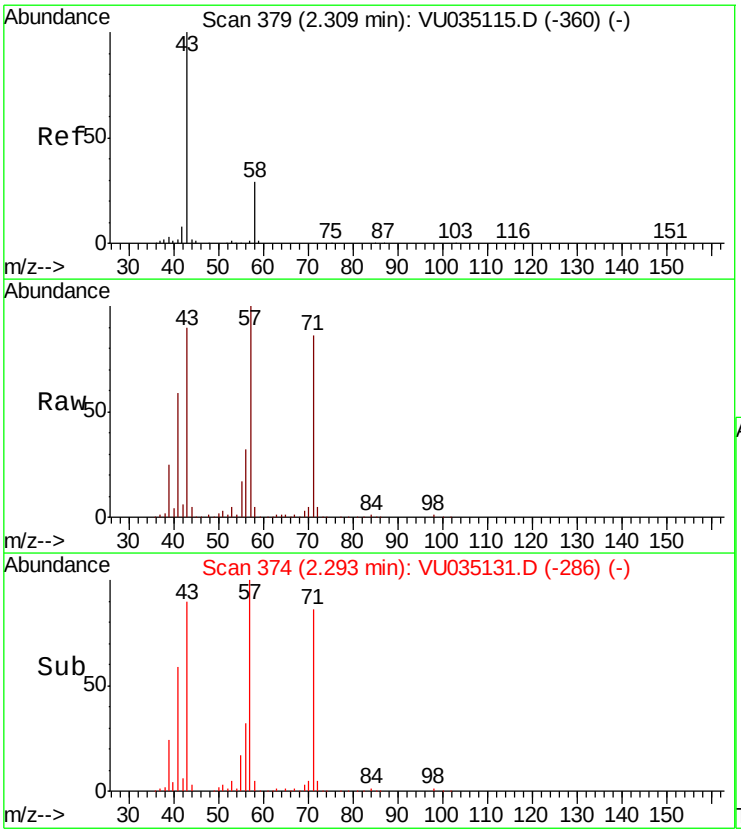
#8
Chloroethane
Concen: 0.265 ug/L
RT: 1.69 min Scan# 186
Delta R.T. -0.00 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 2827

Ion	Ratio	Lower	Upper
64	100		
66	10.8	23.2	43.2#

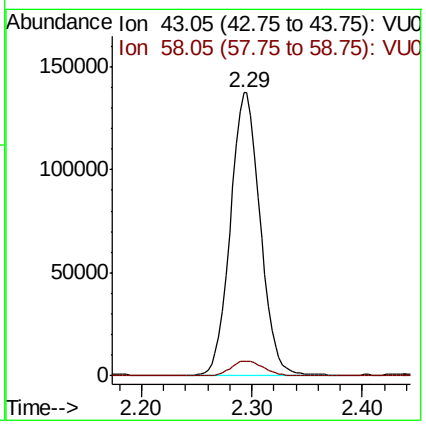


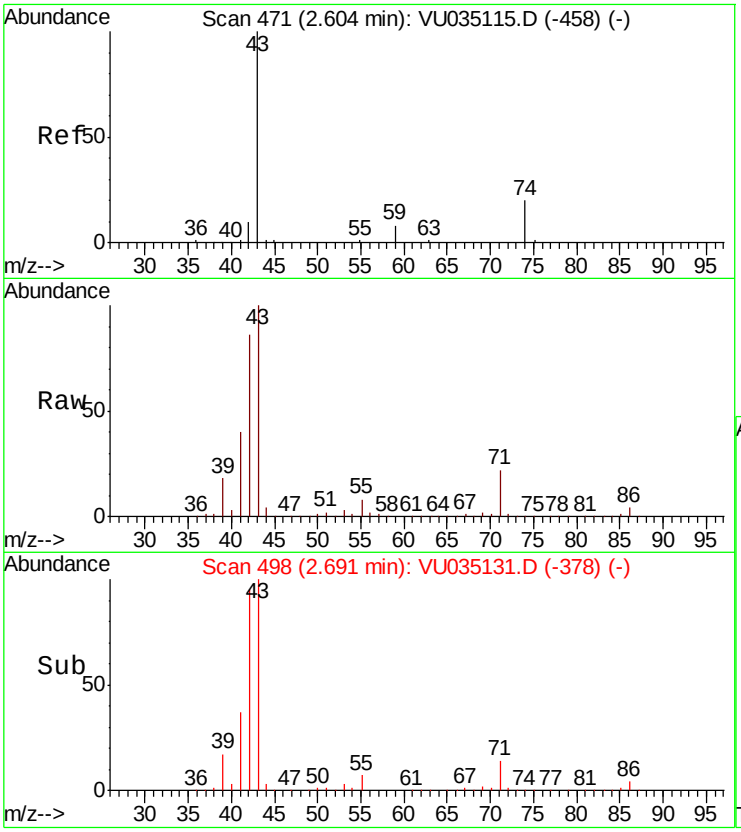


#13
Acetone
Concen: 99.609 ug/L
RT: 2.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Tgt Ion: 43 Resp: 256487

Ion	Ratio	Lower	Upper
43	100		
58	5.9	0.0	66.6



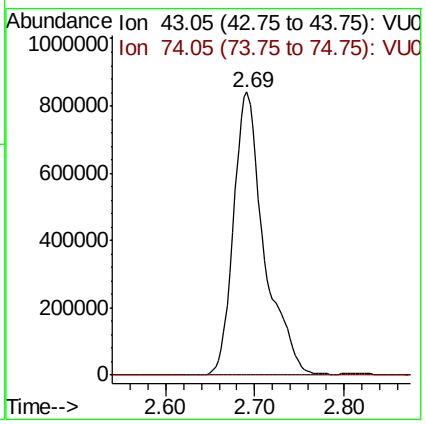


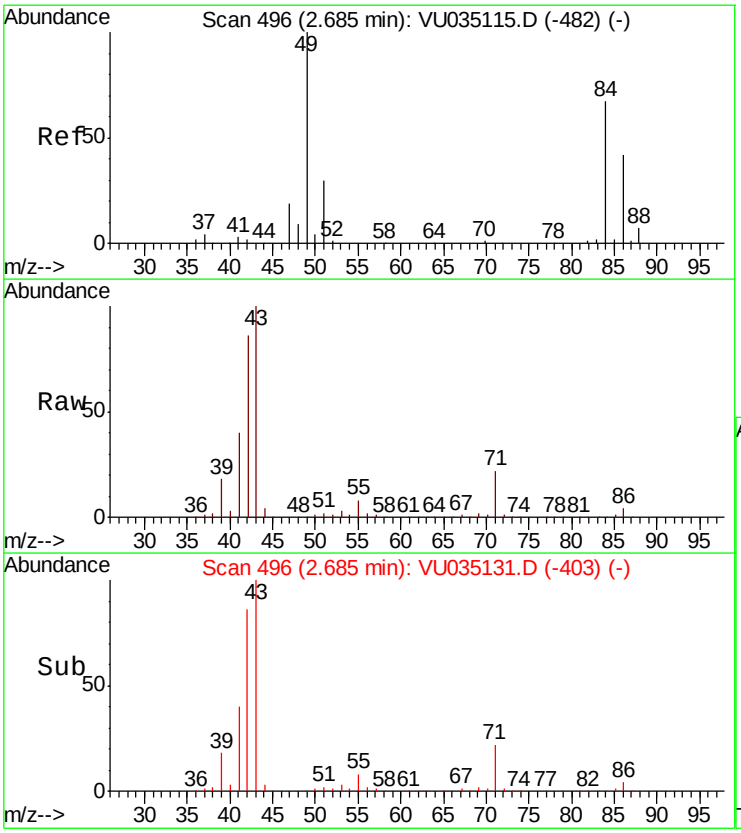
#15
Methyl Acetate
Concen: 292.046 ug/L
RT: 2.69 min Scan# 498
Delta R.T. 0.09 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 2001830

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.8	26.8#

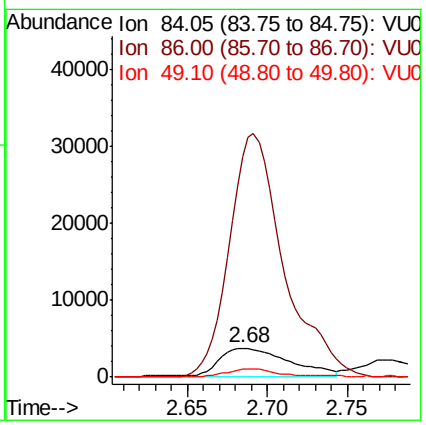


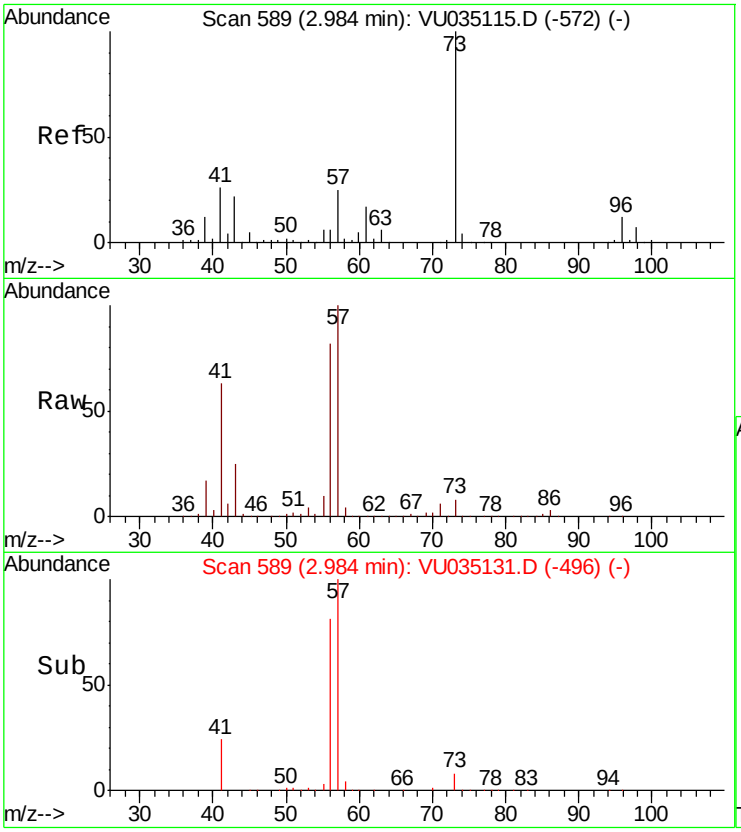


#16
Methylene chloride
Concen: 0.799 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Tgt Ion: 84 Resp: 11468

Ion	Ratio	Lower	Upper
84	100		
86	762.5	42.5	78.9#
49	26.1	86.9	161.3#



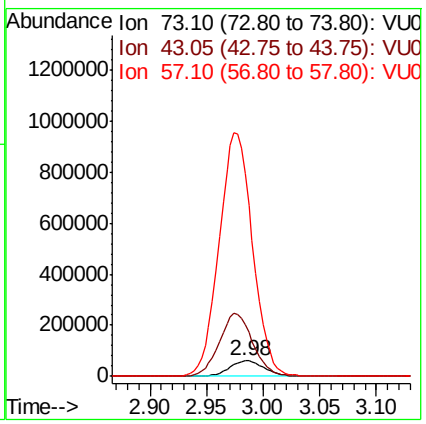


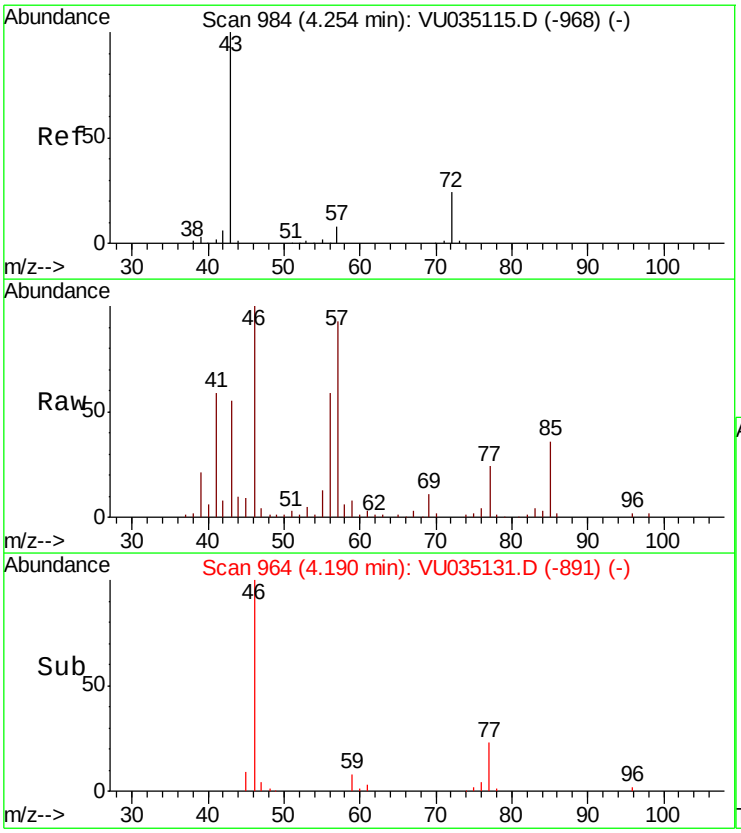
#17
Methyl tert-butyl Ether
Concen: 4.165 ug/L
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 131817

Ion	Ratio	Lower	Upper
73	100		
43	381.8	16.3	24.5#
57	1493.0	18.6	28.0#

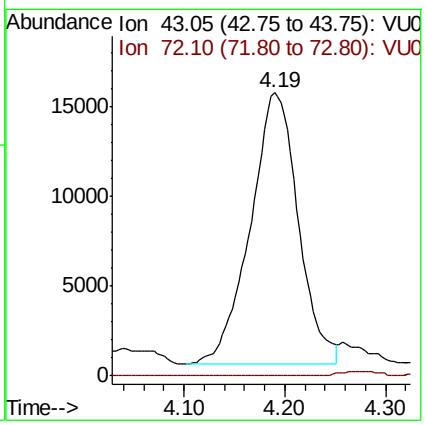


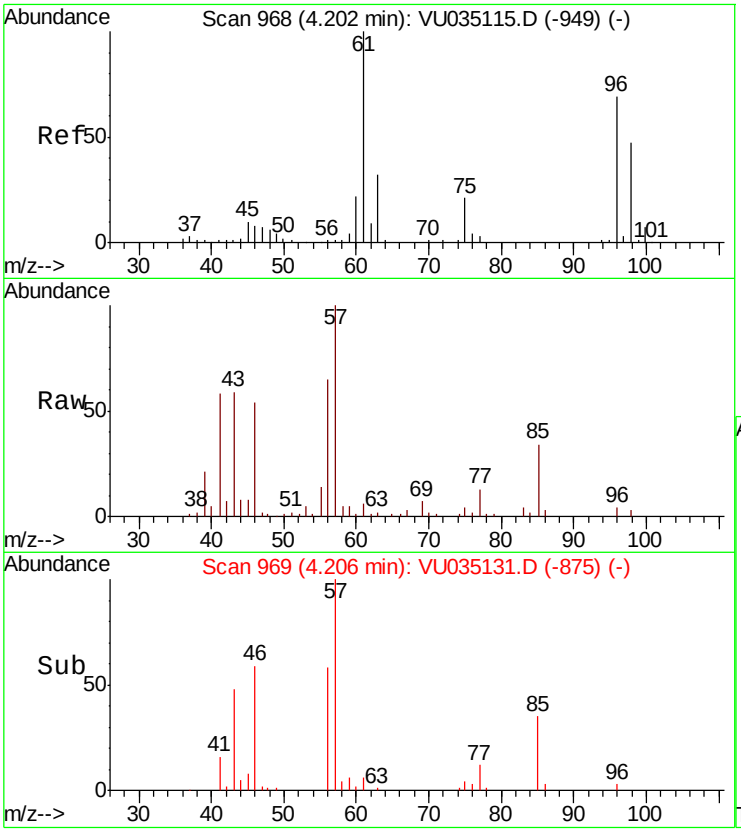


#21
2-Butanone
Concen: 13.586 ug/L
RT: 4.19 min Scan# 964
Delta R.T. -0.06 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Tgt Ion: 43 Resp: 49820

Ion	Ratio	Lower	Upper
43	100		
72	1.3	13.5	40.4#



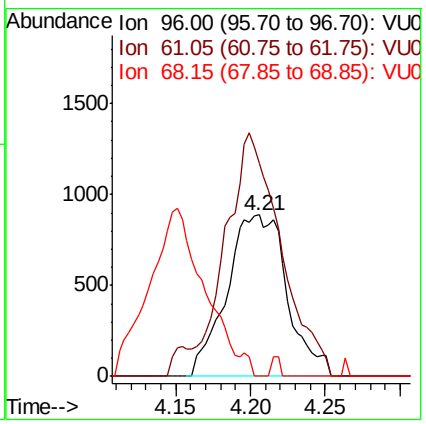


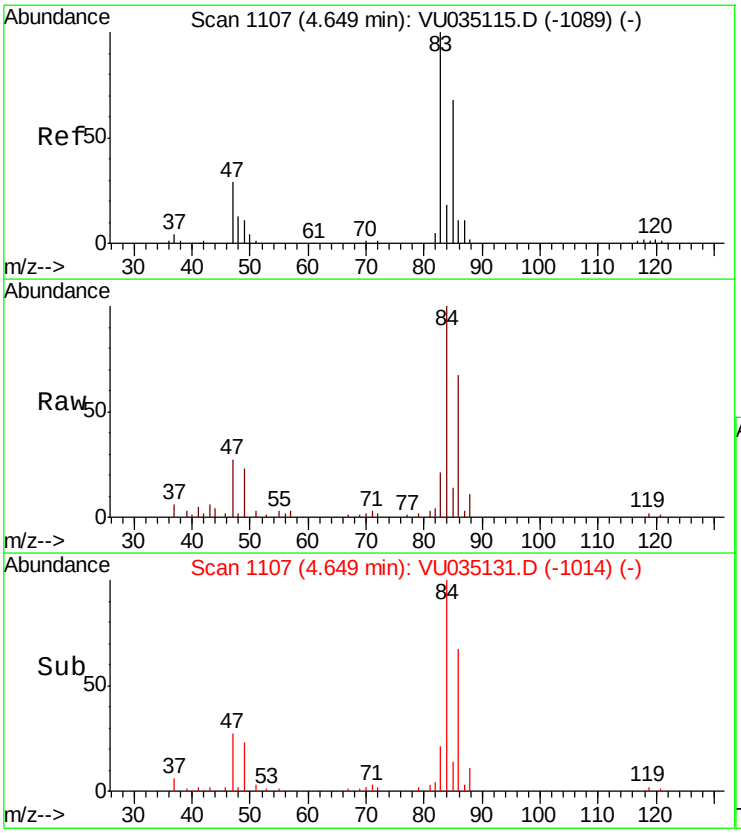
#22
cis-1,2-Dichloroethene
Concen: 0.180 ug/L
RT: 4.21 min Scan# 969
Delta R.T. 0.00 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 2500

Ion	Ratio	Lower	Upper
96	100		
61	132.1	89.2	165.6
68	0.0	0.0	0.0

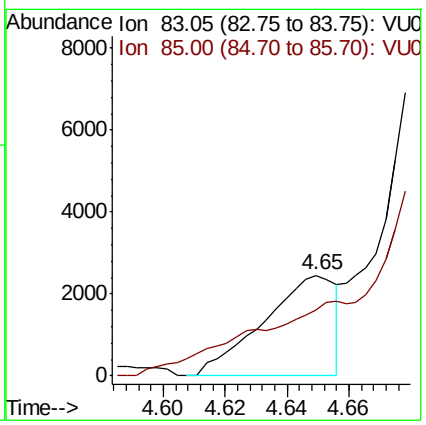


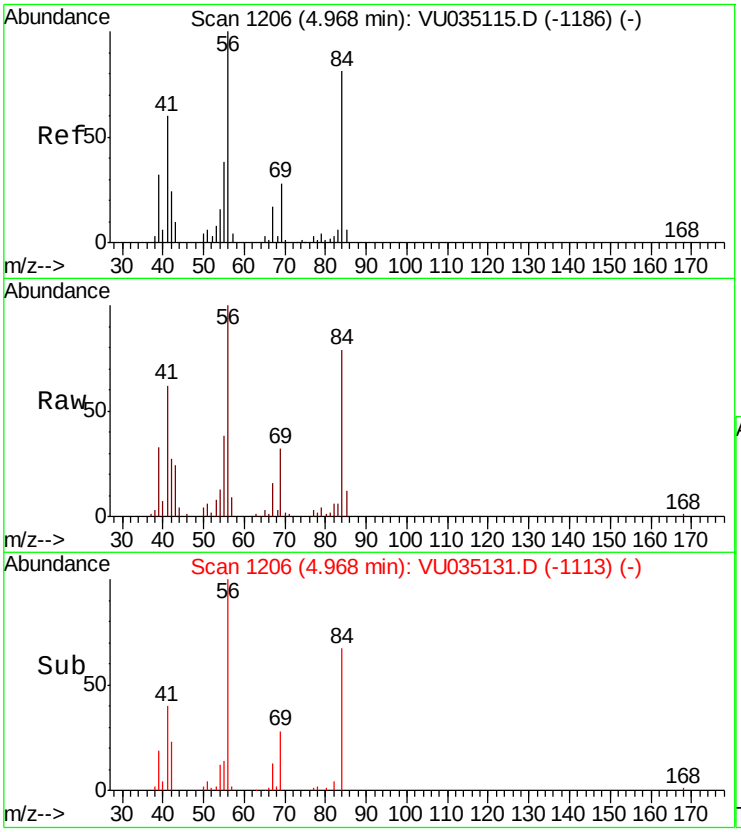


#25
Chloroform
Concen: 0.144 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Tgt Ion: 83 Resp: 3986

Ion	Ratio	Lower	Upper
83	100		
85	65.6	45.4	84.4



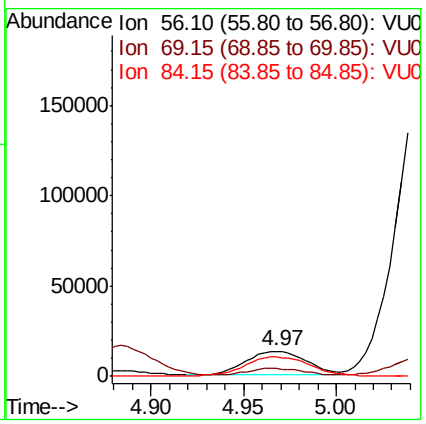


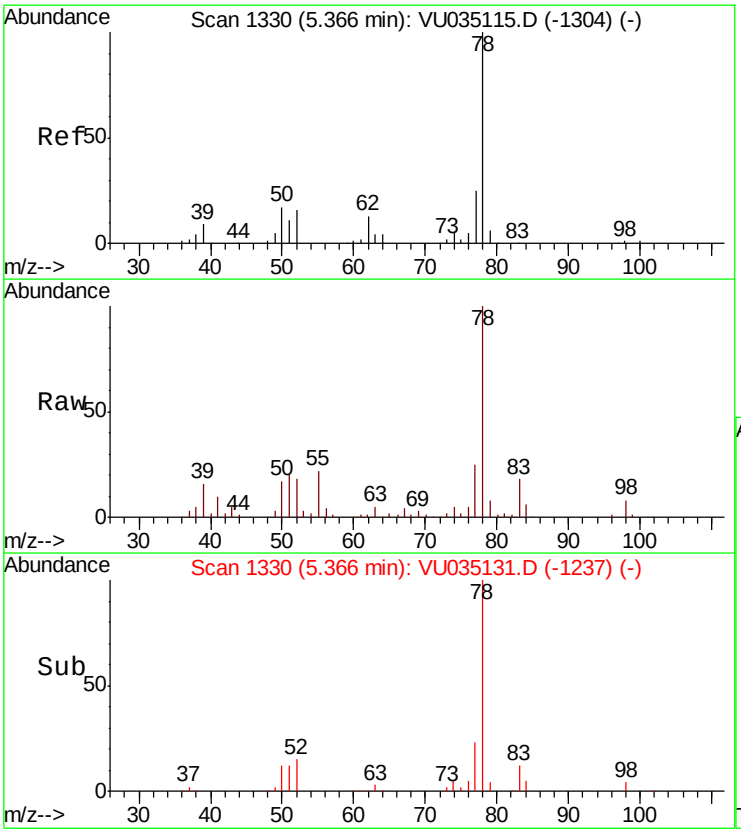
#30
Cyclohexane
Concen: 1.298 ug/L
RT: 4.97 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 30079

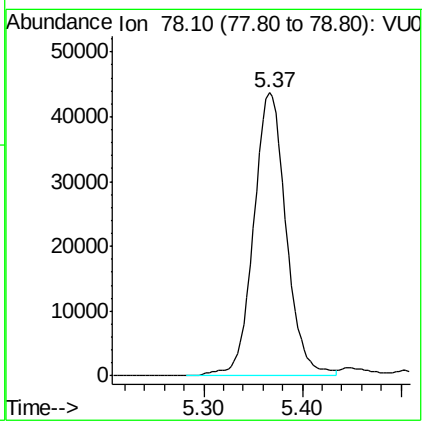
Ion	Ratio	Lower	Upper
56	100		
69	23.3	23.9	35.9#
84	86.6	69.5	104.3

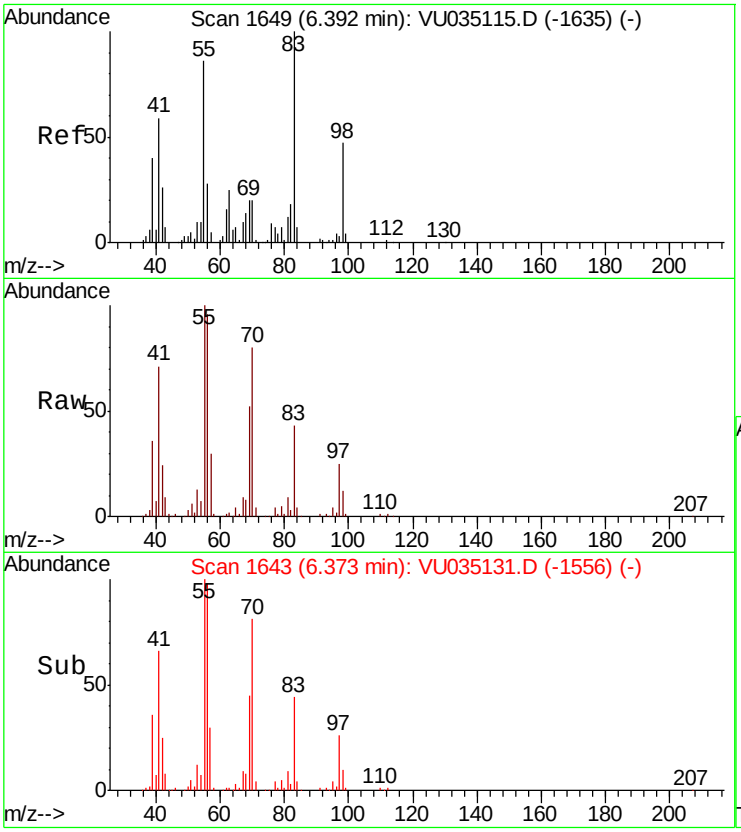




#33
Benzene
Concen: 1.760 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Tgt Ion: 78 Resp: 99487



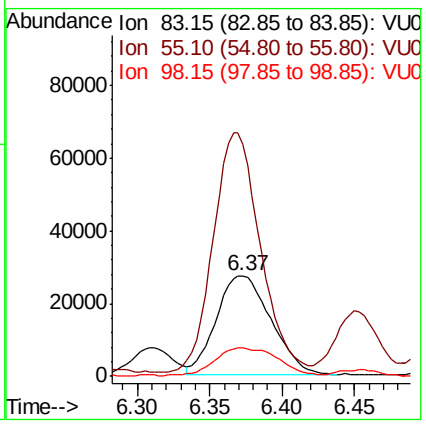


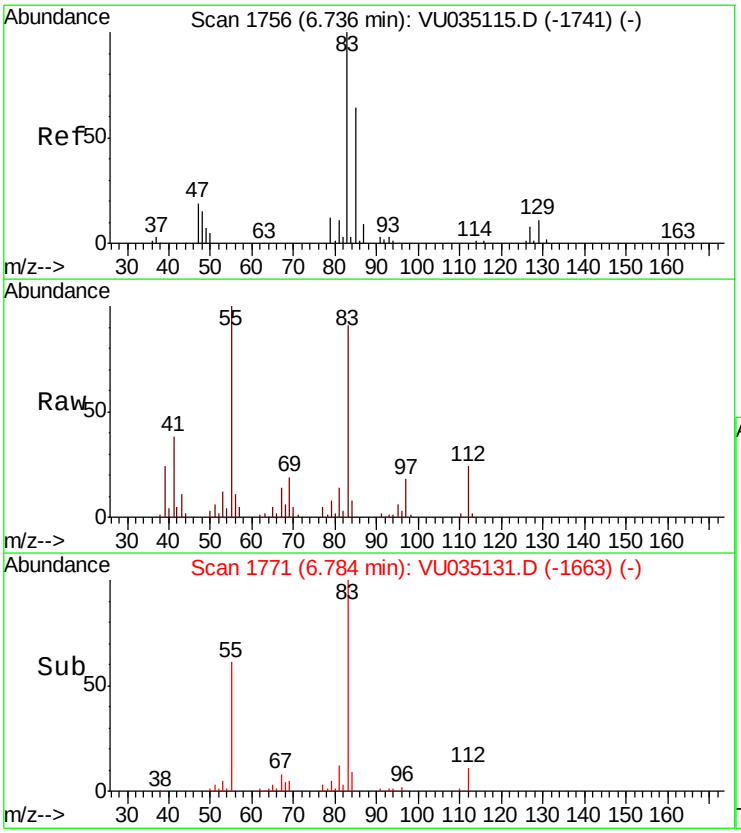
#35
Methylcyclohexane
Concen: 3.010 ug/L
RT: 6.37 min Scan# 1643
Delta R.T. -0.02 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 71053

Ion	Ratio	Lower	Upper
83	100		
55	208.1	62.6	94.0#
98	31.8	36.2	54.2#

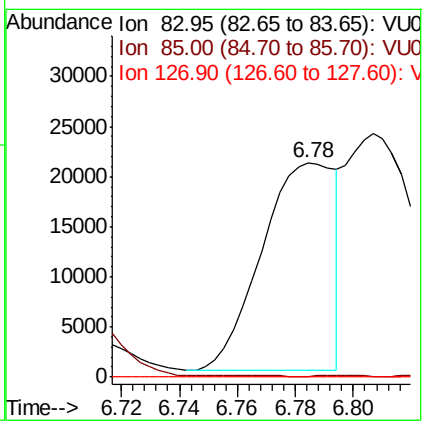


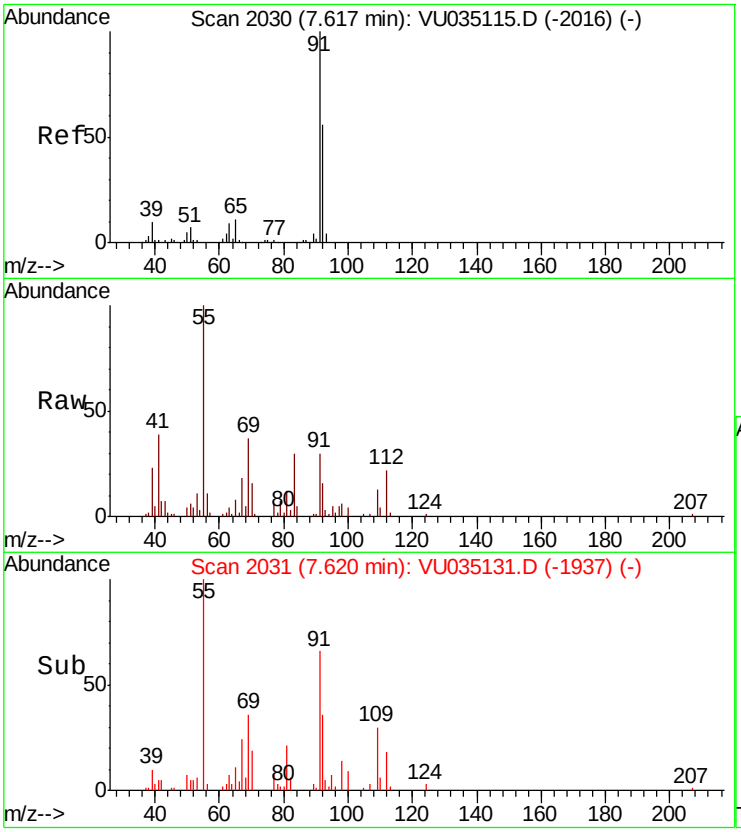


#38
Bromodichloromethane
Concen: 2.045 ug/L
RT: 6.78 min Scan# 1771
Delta R.T. 0.05 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Tgt Ion: 83 Resp: 36551

Ion	Ratio	Lower	Upper
83	100		
85	0.5	44.0	81.8#
127	0.0	7.0	10.4#



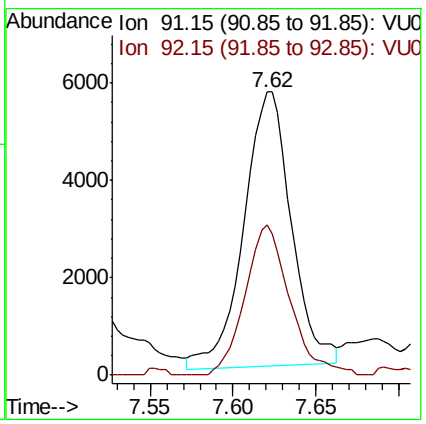


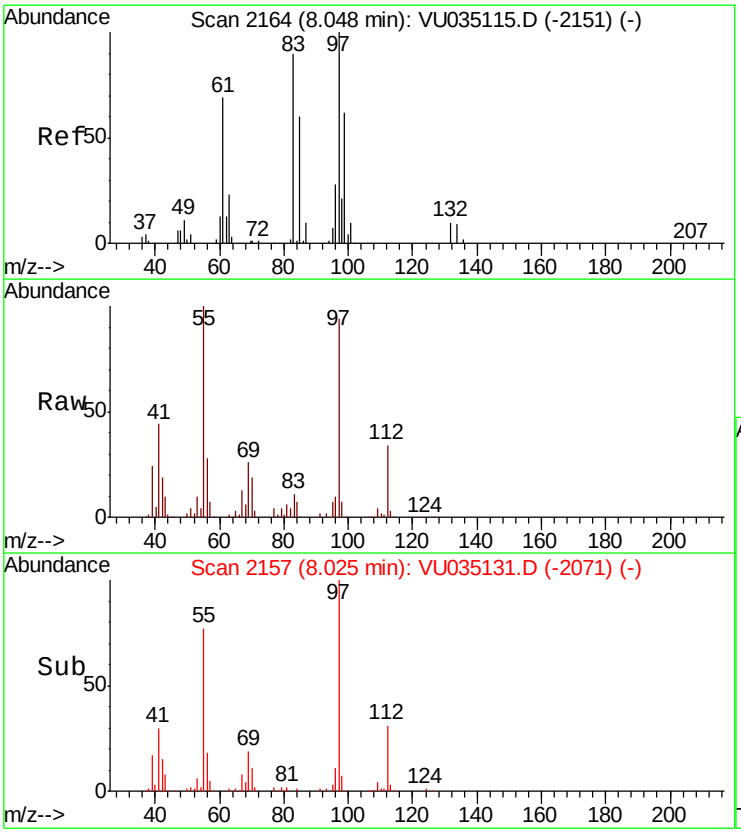
#42
Toluene
Concen: 0.190 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 11232

Ion	Ratio	Lower	Upper
91	100		
92	53.3	40.0	74.2

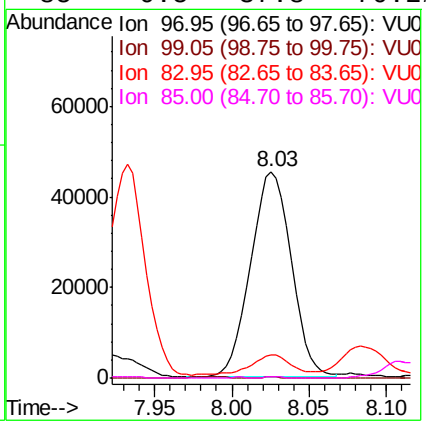


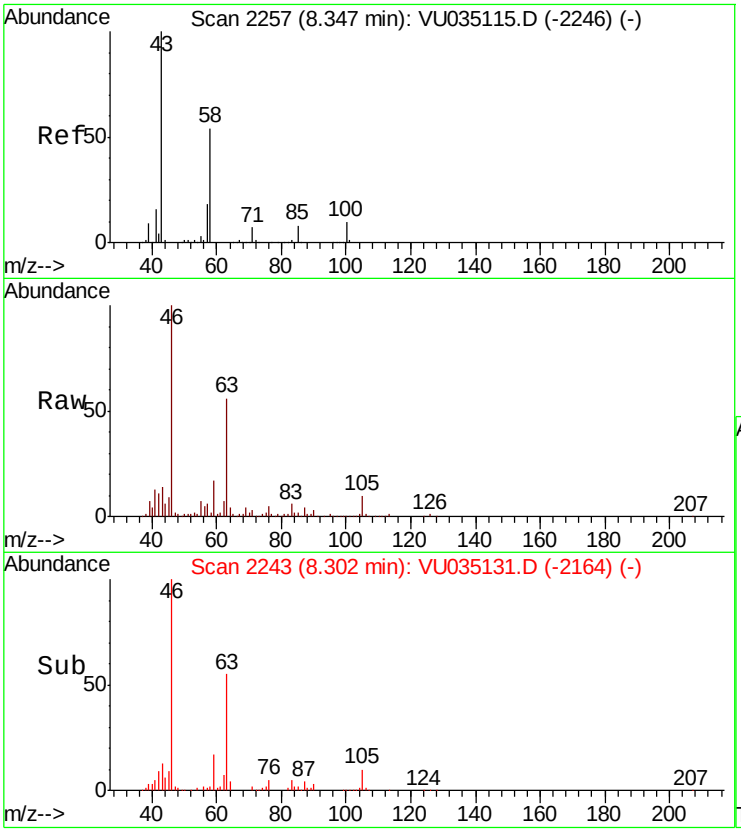


#45
1,1,2-Trichloroethane
Concen: 8.258 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. -0.02 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Tgt Ion: 97 Resp: 83585

Ion	Ratio	Lower	Upper
97	100		
99	0.4	42.3	78.5#
83	11.3	58.0	107.6#
85	0.5	37.8	70.2#



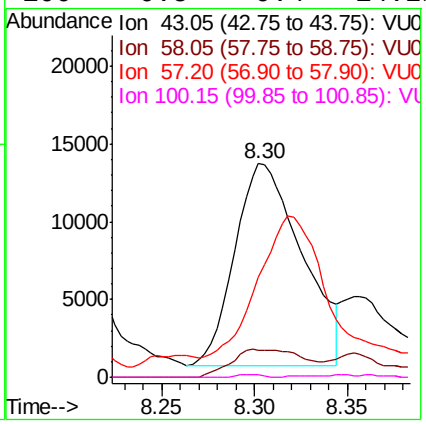


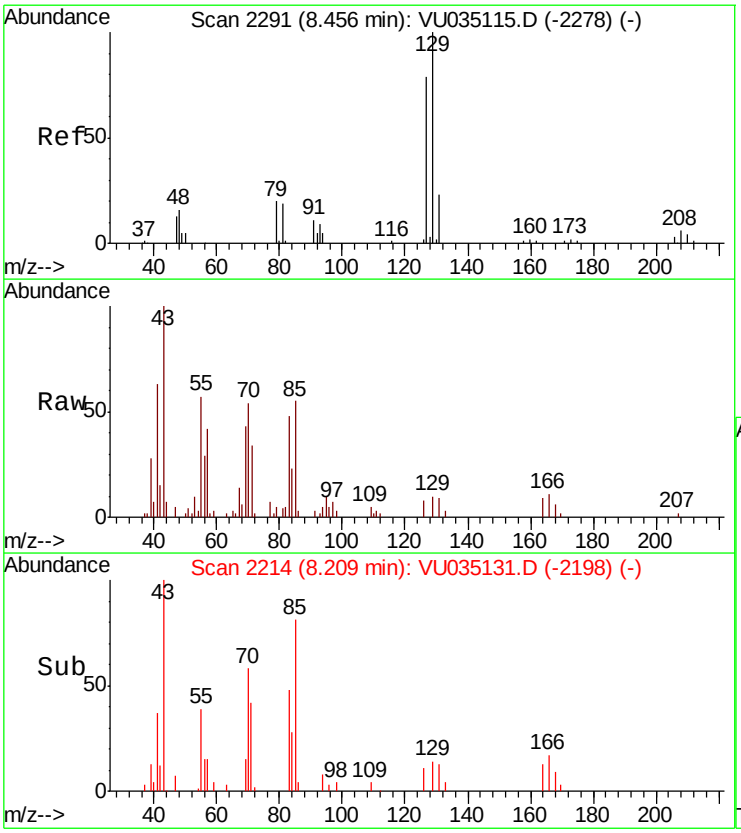
#48
2-Hexanone
Concen: 4.966 ug/L
RT: 8.30 min Scan# 2243
Delta R.T. -0.05 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 32670

Ion	Ratio	Lower	Upper
43	100		
58	15.4	44.1	66.1#
57	0.0	15.8	23.8#
100	0.5	9.4	14.2#

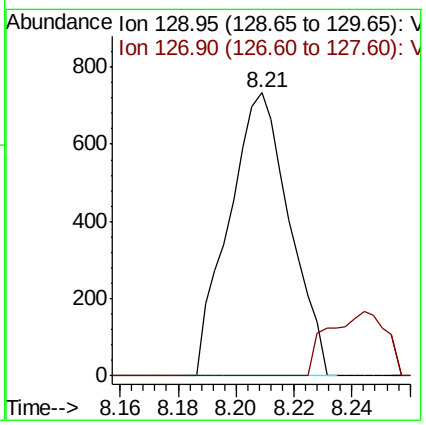


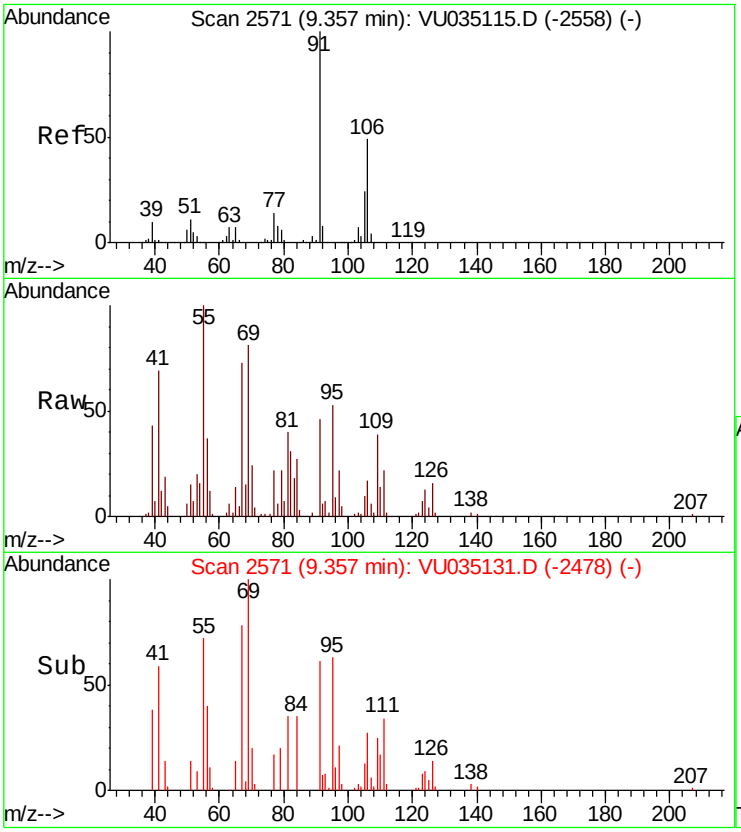


#49
Dibromochloromethane
Concen: 0.091 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Tgt Ion:129 Resp: 1065

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#



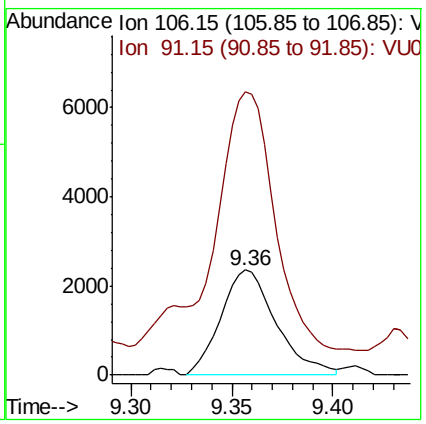


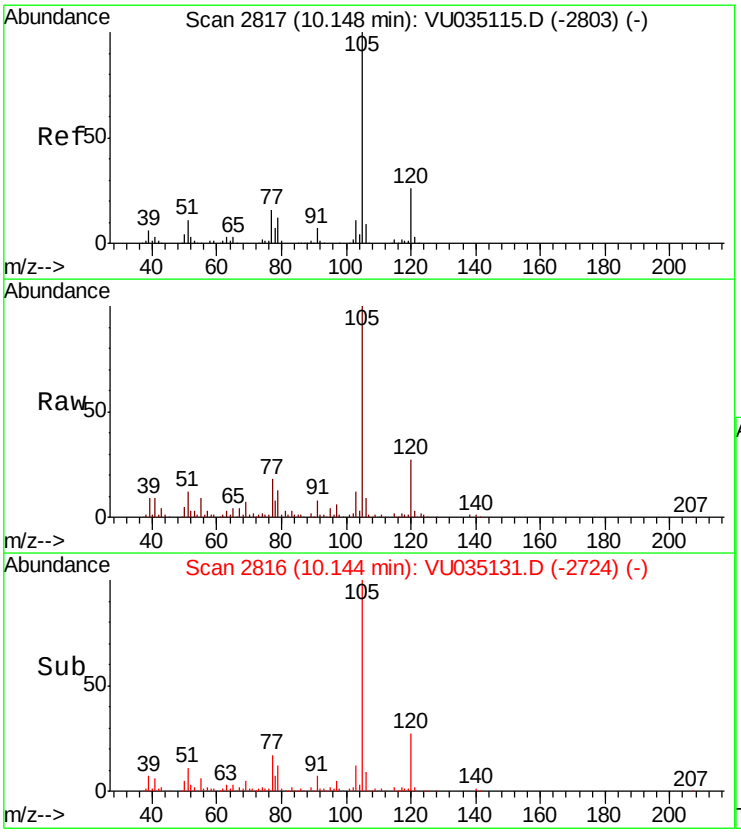
#53
m,p-Xylene
Concen: 0.189 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 4539

Ion	Ratio	Lower	Upper
106	100		
91	269.3	147.6	274.0

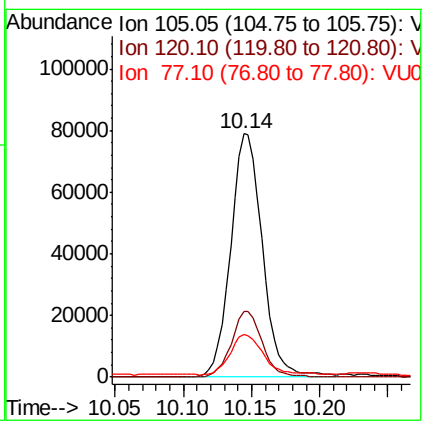


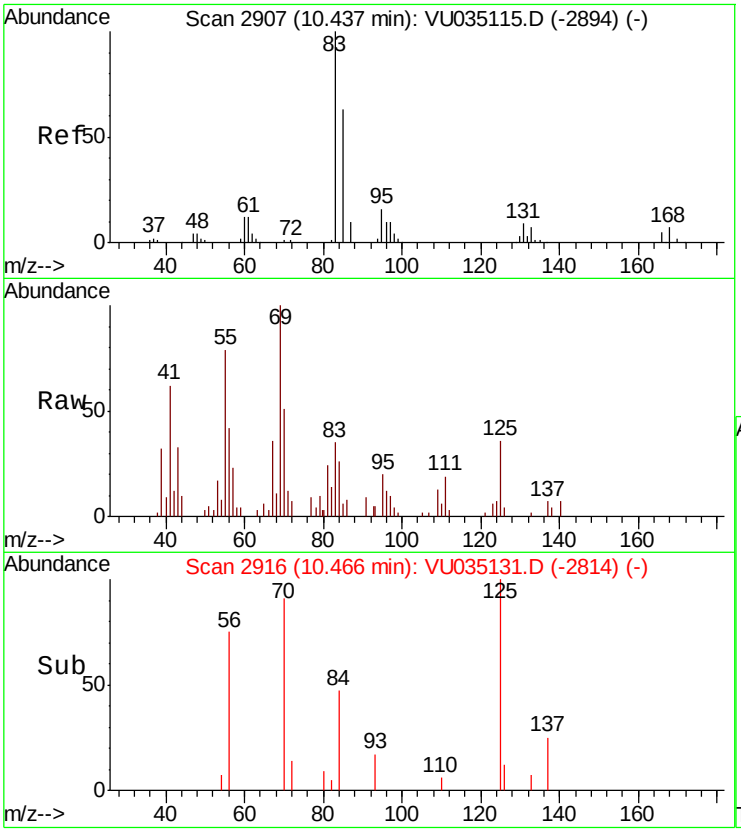


#56
Isopropylbenzene
Concen: 2.017 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. -0.00 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Tgt Ion:105 Resp: 126460

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.3	31.9
77	17.9	13.0	19.4



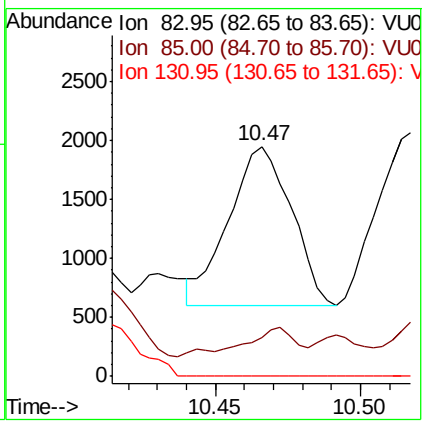


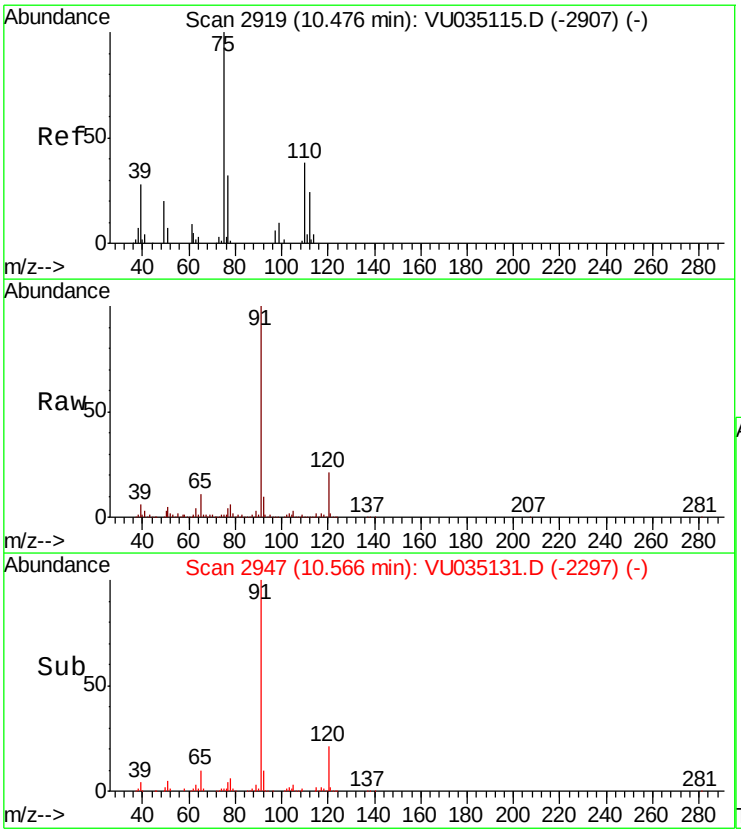
#58
1,1,2,2-Tetrachloroethane
Concen: 0.147 ug/L
RT: 10.47 min Scan# 2916
Delta R.T. 0.03 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 2025

Ion	Ratio	Lower	Upper
83	100		
85	16.9	44.6	82.8#
131	0.0	7.4	11.2#

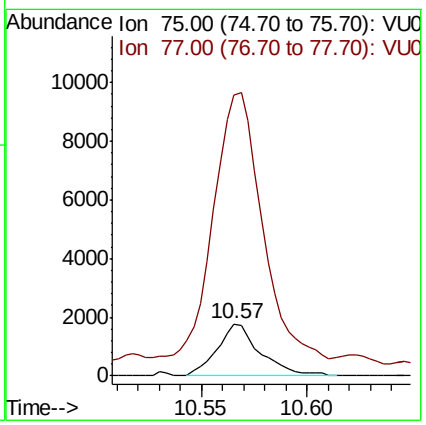


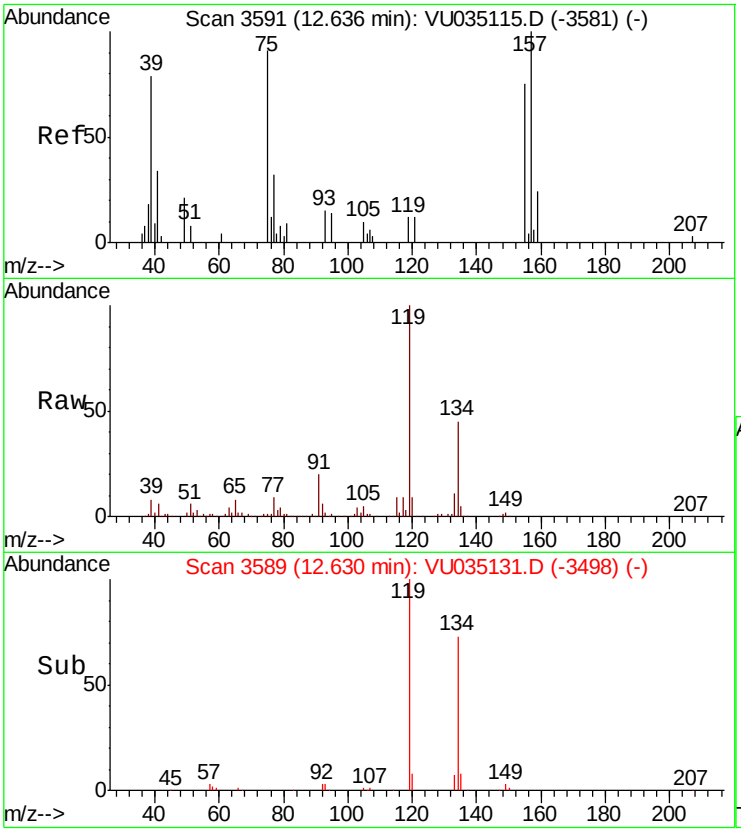


#59
1,2,3-Trichloropropane
Concen: 0.259 ug/L
RT: 10.57 min Scan# 2947
Delta R.T. 0.09 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Tgt Ion: 75 Resp: 2552

Ion	Ratio	Lower	Upper
75	100		
77	562.5	26.5	39.7#



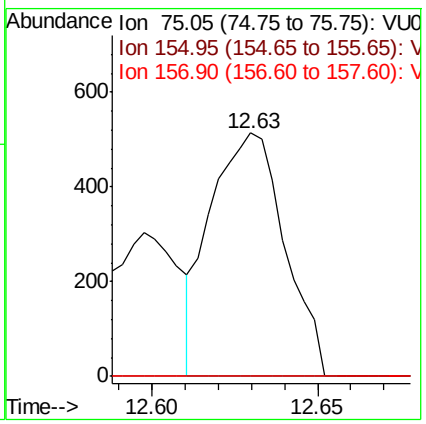


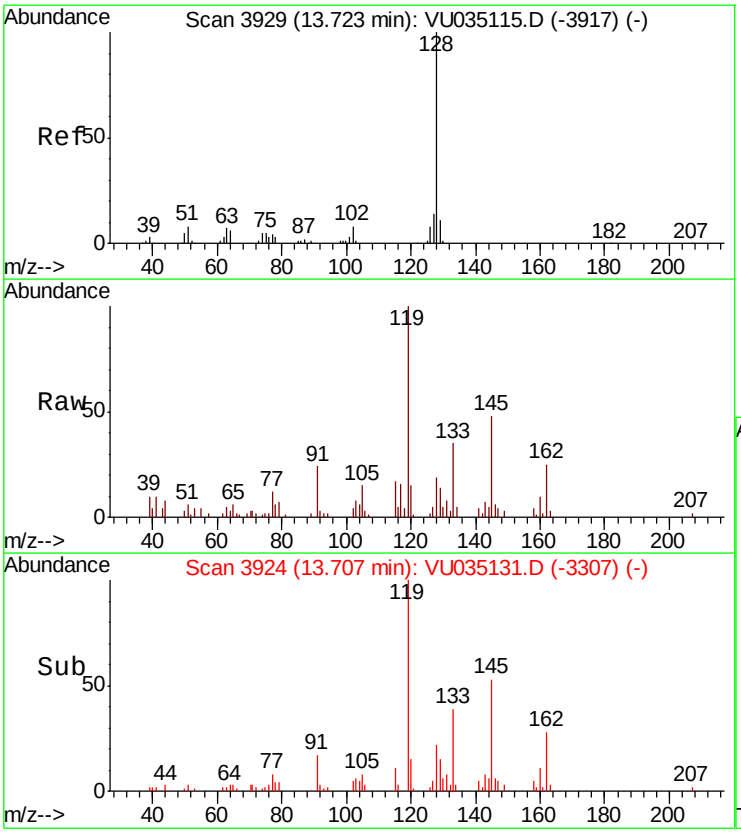
#66
1,2-Dibromo-3-chloropropane
Concen: 0.474 ug/L
RT: 12.63 min Scan# 3589
Delta R.T. -0.01 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 800

Ion	Ratio	Lower	Upper
75	100		
155	0.0	67.1	100.7#
157	0.0	83.7	125.5#





#69
Naphthalene
Concen: 0.160 ug/L
RT: 13.71 min Scan# 3924
Delta R.T. -0.02 min
Lab File: VU035131.D
Acq: 12 Oct 2019 08:57

Tgt Ion:128 Resp: 3467

Ion	Ratio	Lower	Upper
128	100		
129	97.5	8.7	13.1#
127	8.1	10.6	15.8#