Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071819\

Quantitation Report (Not Reviewed)

Data File : VU033307.D
Acq On : 18 Jul 2019 10:34
Operator : JC/SP
Sample : K3828-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAMR0

Quant Time: Jul 19 01:46:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	310813	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	310083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	157319	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	46629	19.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 39.64%#			
7) Chloroethane-d5	1.67	69	55135	27.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 54.86%#			
11) 1,1-Dichloroethene-d2	2.26	63	59909	14.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 28.08%#			
21) 2-Butanone-d5	4.15	46	160776	107.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.84%			
24) Chloroform-d	4.62	84	148666	37.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.40%			
26) 1,2-Dichloroethane-d4	5.28	65	102515	40.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.08%			
32) Benzene-d6	5.32	84	233780	30.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 61.46%#			
36) 1,2-Dichloropropane-d6	6.31	67	95704	39.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 78.56%			
41) Toluene-d8	7.55	98	203870	28.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 56.84%#			
43) trans-1,3-Dichloropropene-	7.83	79	48317	40.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.88%			
47) 2-Hexanone-d5	8.29	63	123231	112.18	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.18%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	184769	50.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	139535	49.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.48%			
Target Compounds						Qvalue
13) Acetone	2.31	43	22095	11.862	ug/L	98
15) Methyl Acetate	2.61	43	2114	0.869	ug/L #	64
16) Methylene chloride	2.69	84	3509	1.481	ug/L #	73
29) Cyclohexane	4.97	56	59317	17.555	ug/L	94
34) Trichloroethene	6.21	95	2168	0.917	ug/L #	16
35) Methylcyclohexane	6.40	83	93433	25.791	ug/L	91
39) cis-1,3-Dichloropropene	7.21	75	2926	0.778	ug/L #	28
40) 4-Methyl-2-pentanone	7.40	43	54868	16.678	ug/L #	51
44) trans-1,3-Dichloropropene	7.83	75	2243	0.661	ug/L #	2
45) 1,1,2-Trichloroethane	8.03	97	7709	3.324	ug/L #	20
48) 2-Hexanone	8.30	43	21758	8.118	ug/L #	60
52) Ethylbenzene	9.23	91	175319	16.806	ug/L	98
53) m,p-Xylene	9.36	106	106341	26.912	ug/L	99
56) Isopropylbenzene	10.15	105	59413	5.885	ug/L	98
59) 1,2,3-Trichloropropane	10.57	75	1622	0.508	ug/L #	1
66) 1,2-Dibromo-3-chloropropan	12.69	75	1214	1.281	ug/L #	3
69) Naphthalene	13.73	128	89632	9.145	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071819\

Quantitation Report (Not Reviewed)

Data File : VU033307.D
Acq On : 18 Jul 2019 10:34
Operator : JC/SP
Sample : K3828-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAMR0

Quant Time: Jul 19 01:46:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

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

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

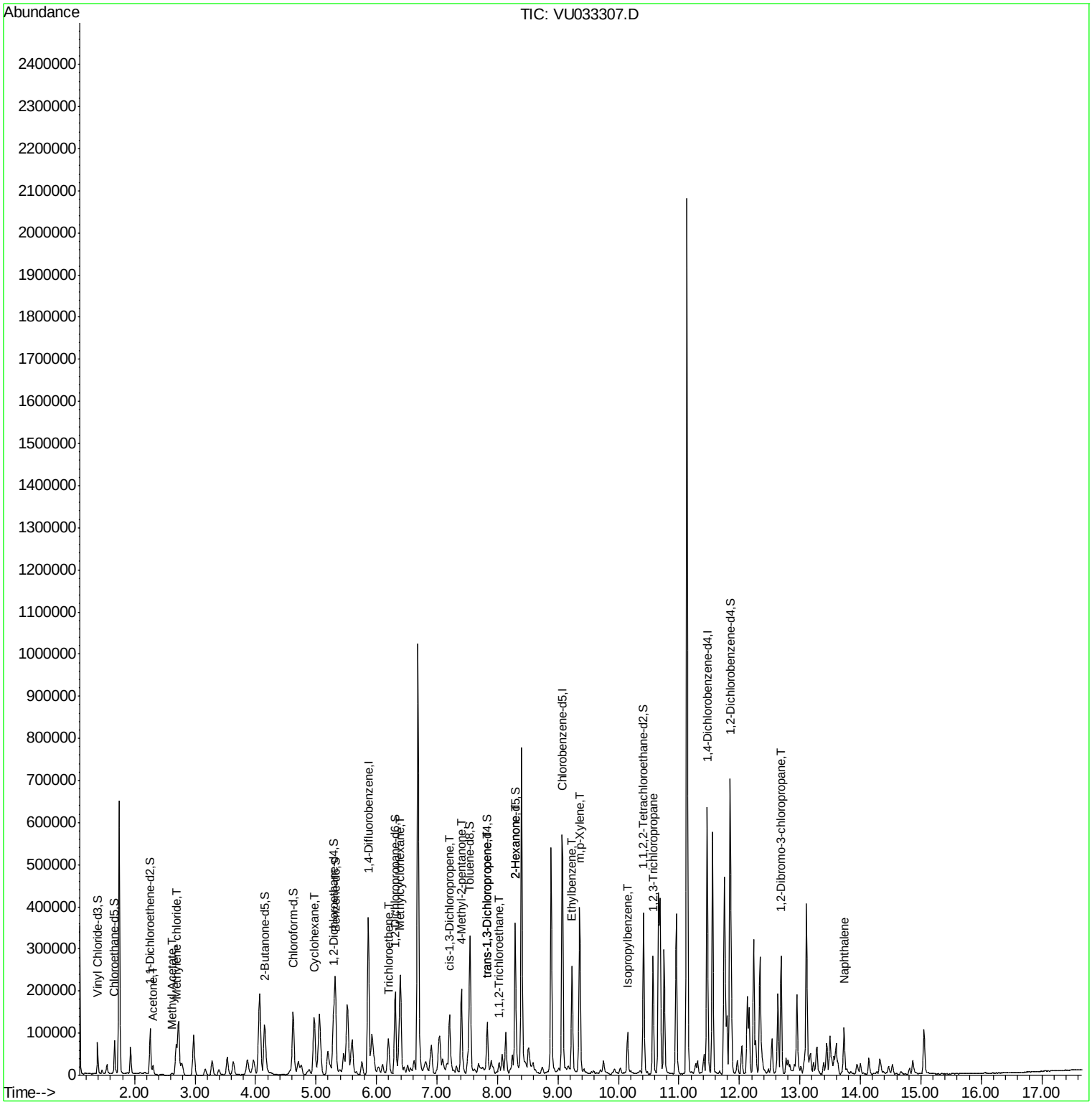
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071819\

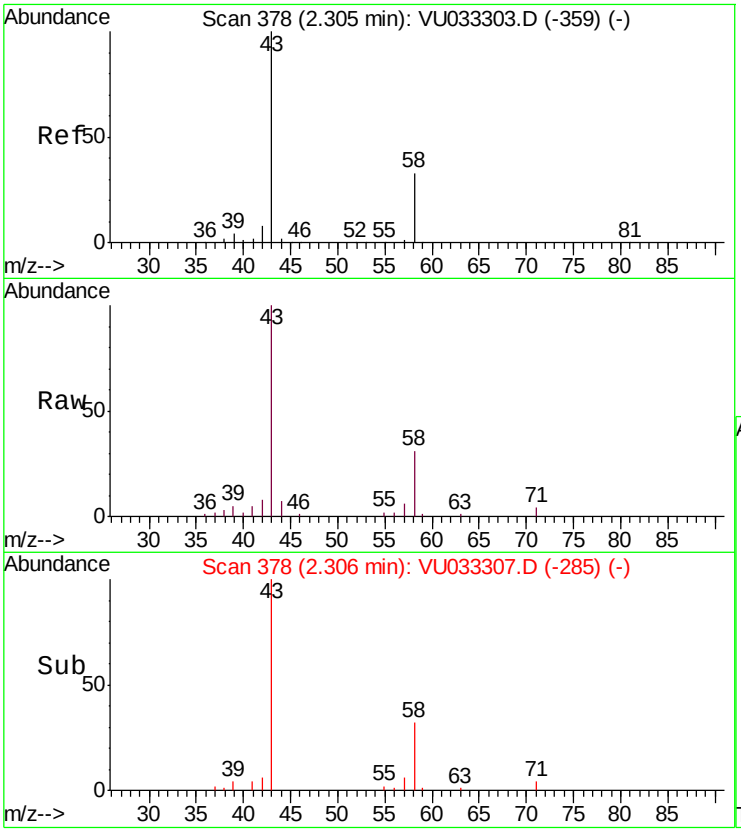
Quantitation Report (Not Reviewed)

Data File : VU033307.D
Acq On : 18 Jul 2019 10:34
Operator : JC/SP
Sample : K3828-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAMR0

Quant Time: Jul 19 01:46:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration



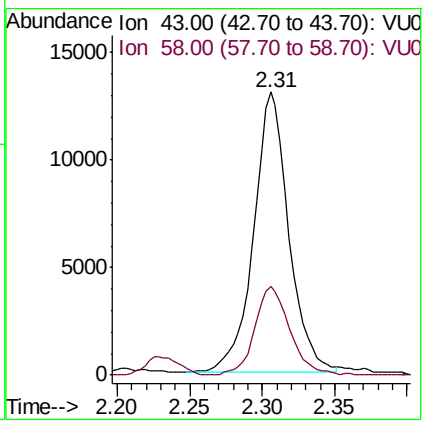


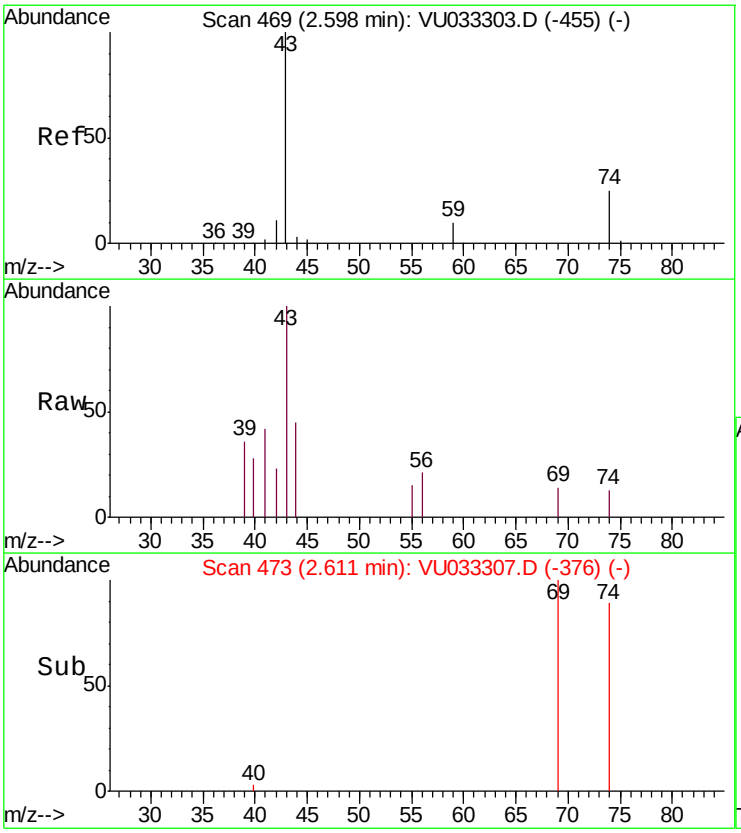
#13
Acetone
Concen: 11.862 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
GAMR0

Tgt Ion: 43 Resp: 22095

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	65.4

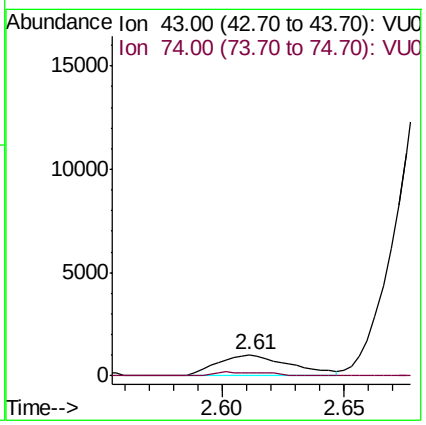


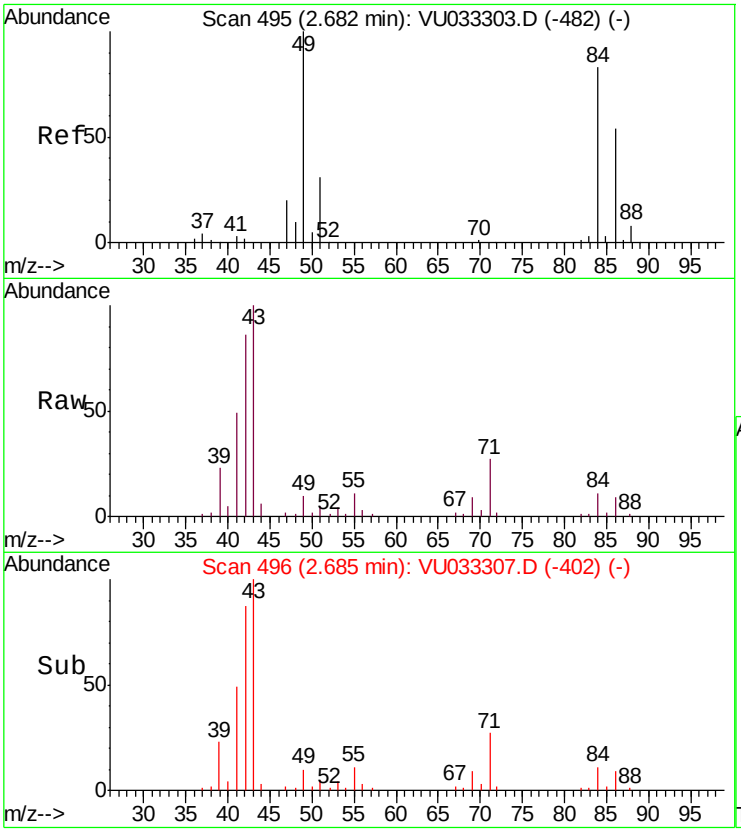


#15
Methyl Acetate
Concen: 0.869 ug/L
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 43 Resp: 2114

Ion	Ratio	Lower	Upper
43	100		
74	6.7	19.9	29.9#



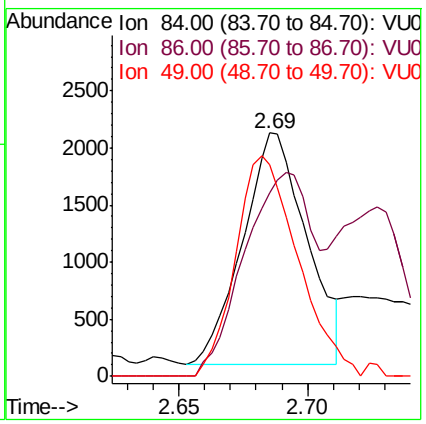


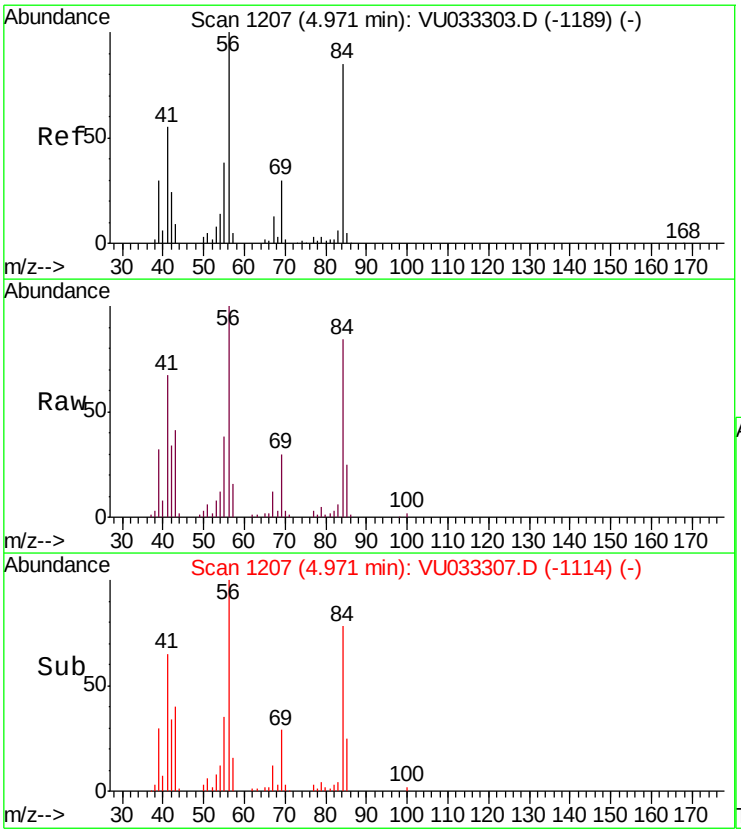
#16
Methylene chloride
Concen: 1.481 ug/L
RT: 2.69 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
GAMR0

Tgt Ion: 84 Resp: 3509

Ion	Ratio	Lower	Upper
84	100		
86	75.4	45.7	84.9
49	86.8	87.7	162.9#

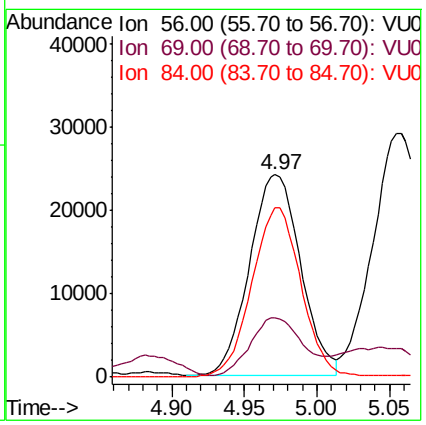


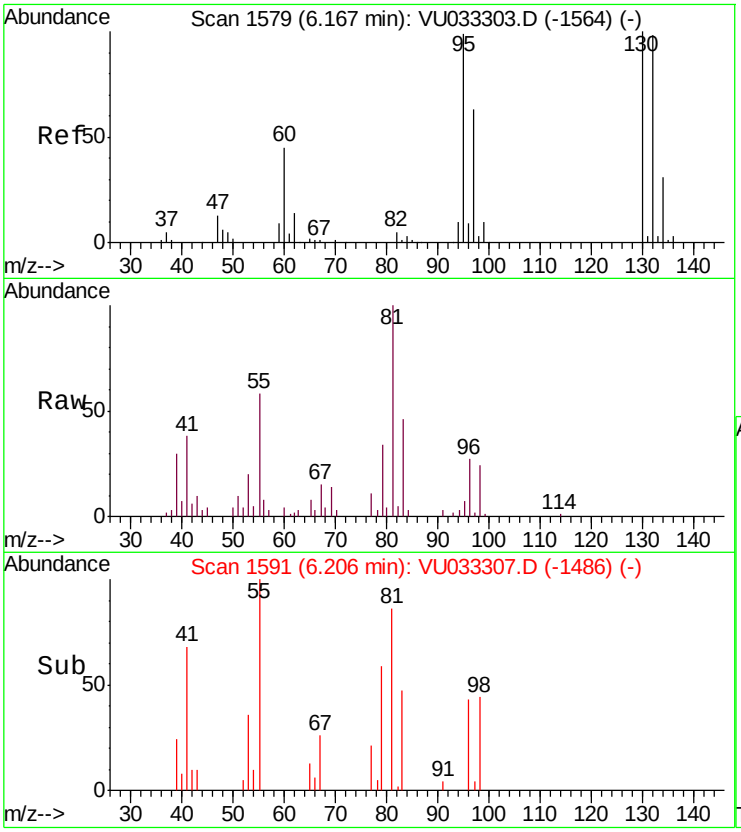


#29
Cyclohexane
Concen: 17.555 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 56 Resp: 59317

Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.7	37.1
84	81.3	70.2	105.2



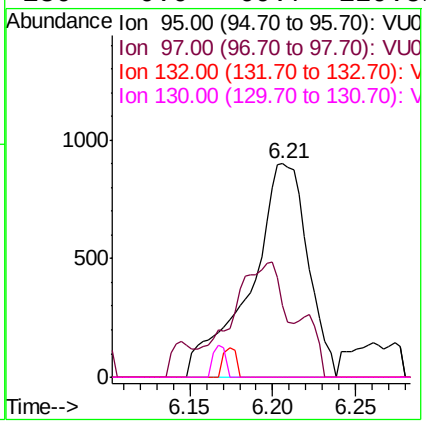


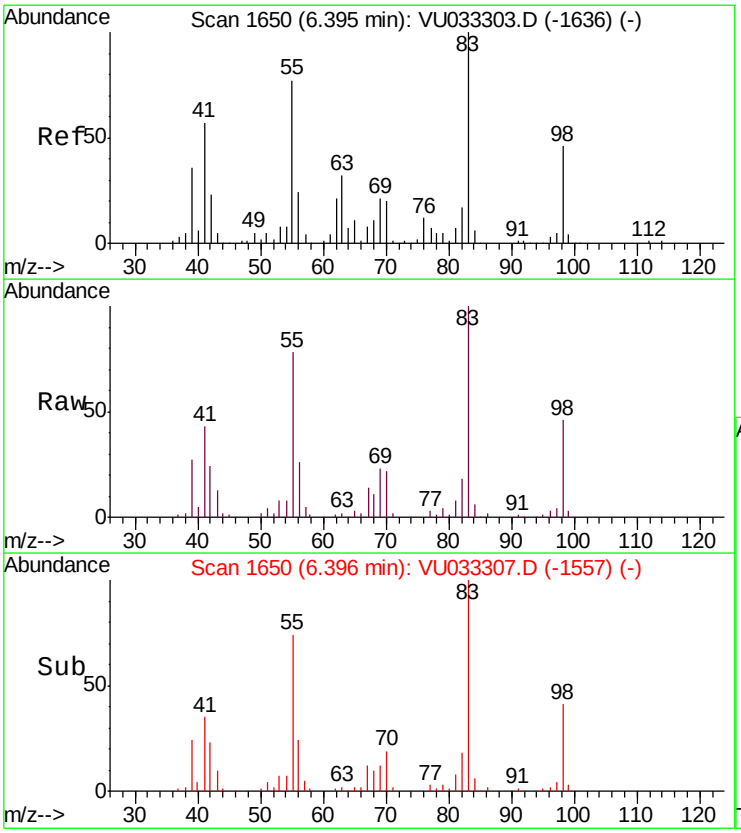
#34
Trichloroethene
Concen: 0.917 ug/L
RT: 6.21 min Scan# 1591
Delta R.T. 0.04 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
GAMR0

Tgt Ion: 95 Resp: 2168

Ion	Ratio	Lower	Upper
95	100		
97	33.9	43.8	81.4#
132	0.0	65.5	121.6#
130	0.0	69.7	129.5#

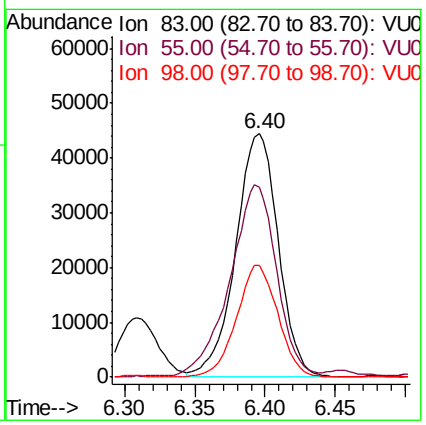


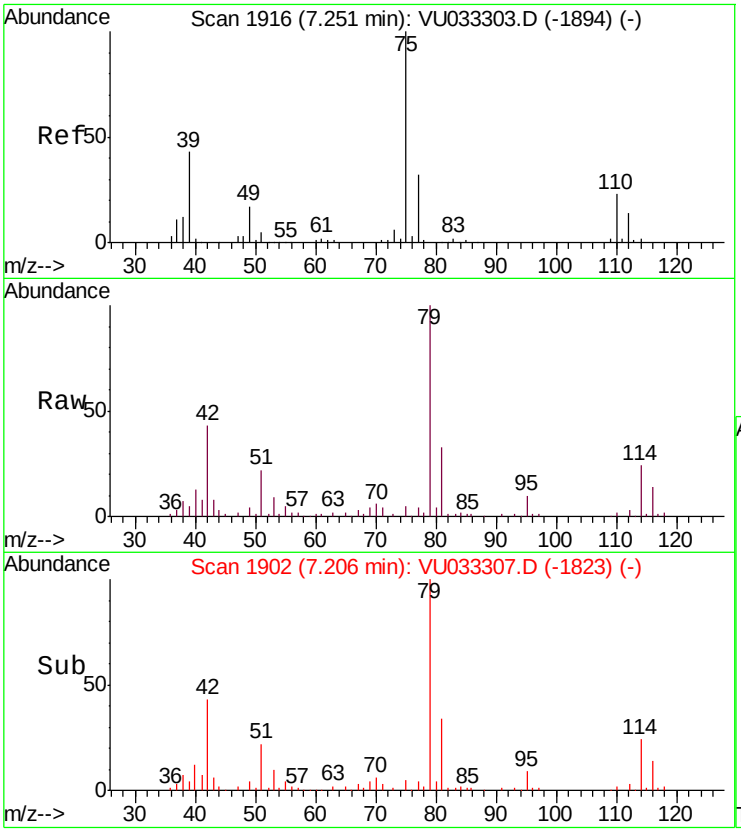


#35
Methylcyclohexane
Concen: 25.791 ug/L
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 83 Resp: 93433

Ion	Ratio	Lower	Upper
83	100		
55	86.3	60.5	90.7
98	44.8	37.4	56.0



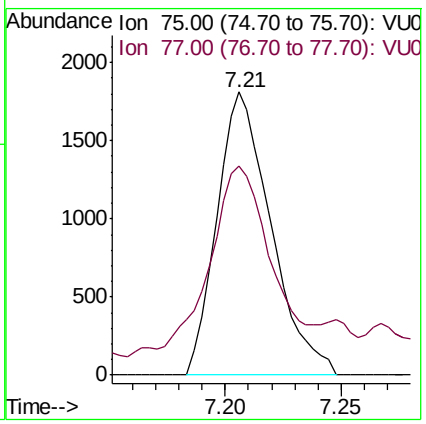


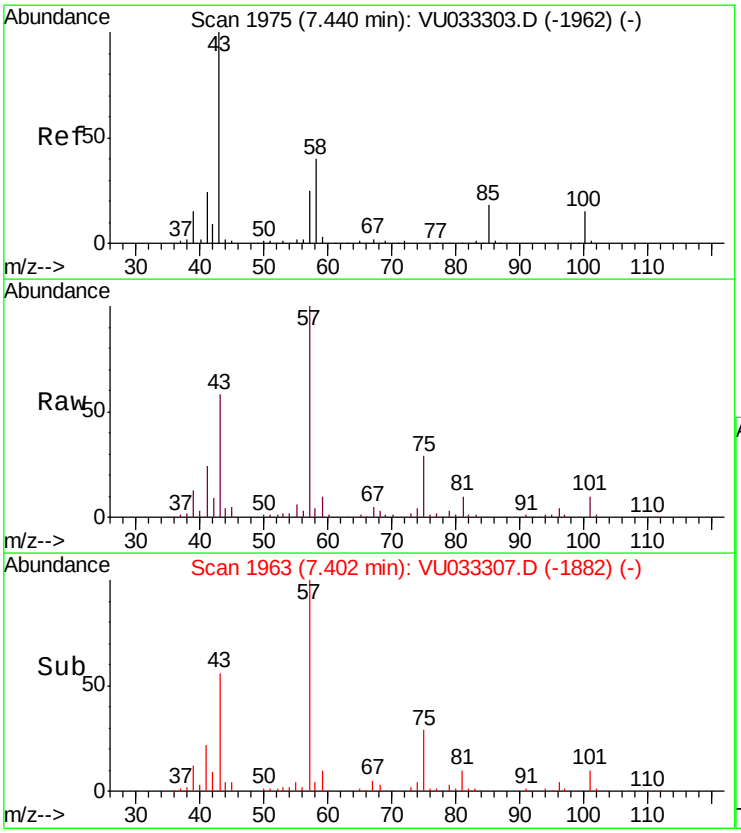
#39
cis-1,3-Dichloropropene
Concen: 0.778 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.04 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
GAMR0

Tgt Ion: 75 Resp: 2926

Ion	Ratio	Lower	Upper
75	100		
77	73.7	23.1	42.9#

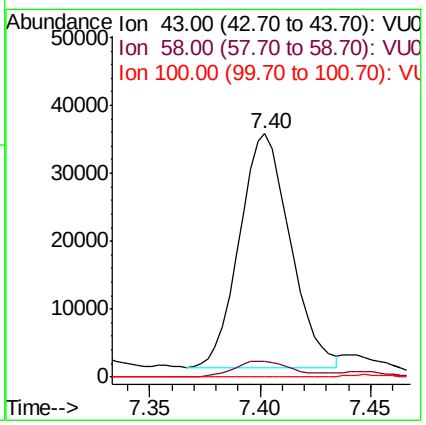


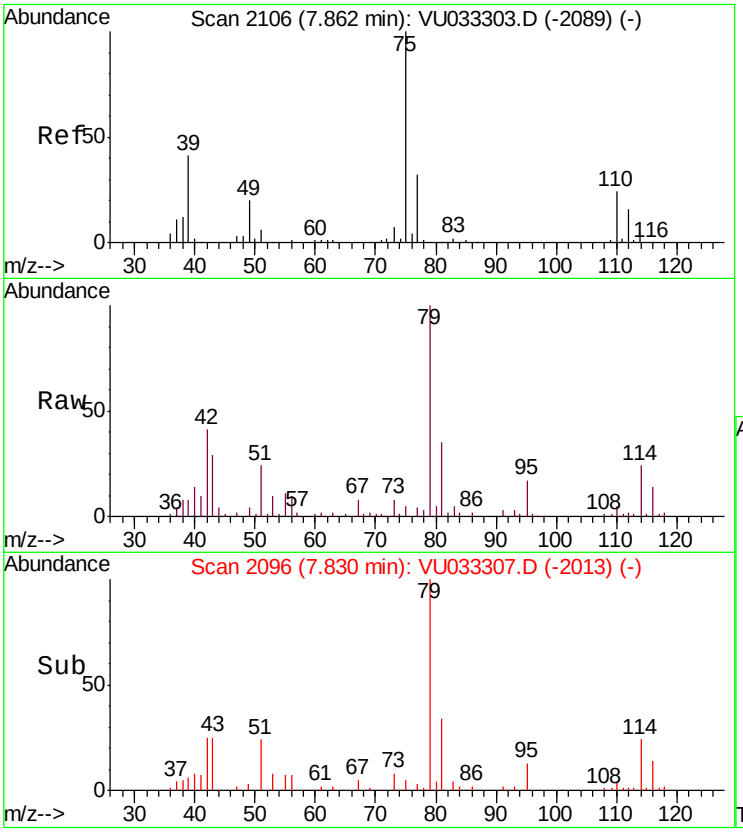


#40
4-Methyl-2-pentanone
Concen: 16.678 ug/L
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 43 Resp: 54868

Ion	Ratio	Lower	Upper
43	100		
58	7.7	33.3	49.9#
100	0.0	12.1	18.1#



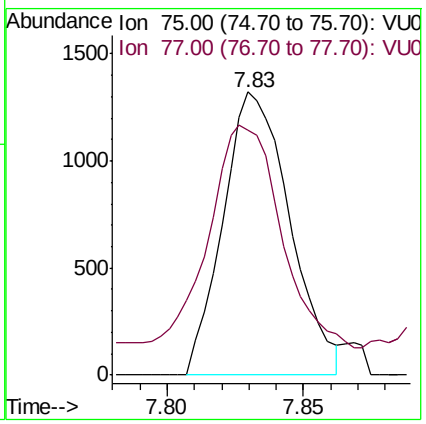


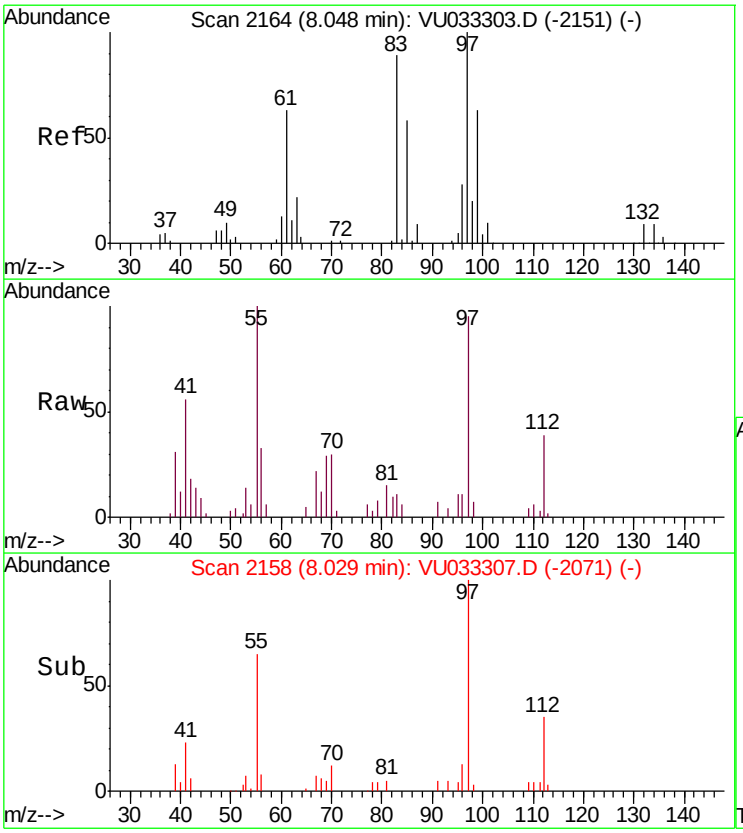
#44
trans-1,3-Dichloropropene
Concen: 0.661 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
GAMR0

Tgt Ion: 75 Resp: 2243

Ion	Ratio	Lower	Upper
75	100		
77	86.4	22.4	41.6#

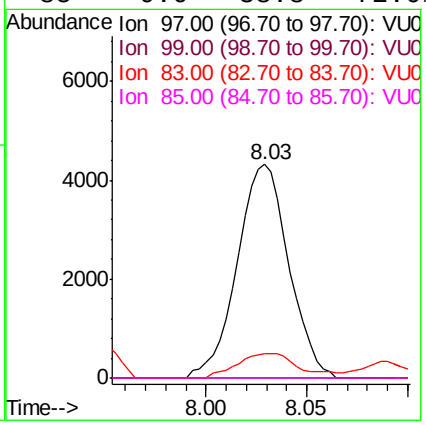


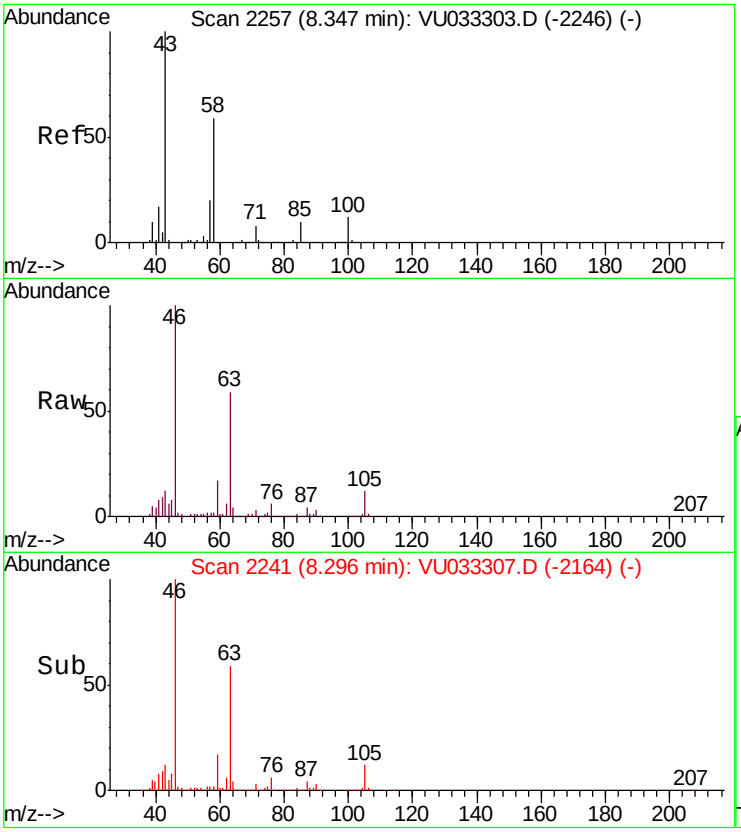


#45
1,1,2-Trichloroethane
Concen: 3.324 ug/L
RT: 8.03 min Scan# 2158
Delta R.T. -0.02 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 97 Resp: 7709

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.0	79.8#
83	11.2	61.5	114.3#
85	0.0	38.8	72.0#



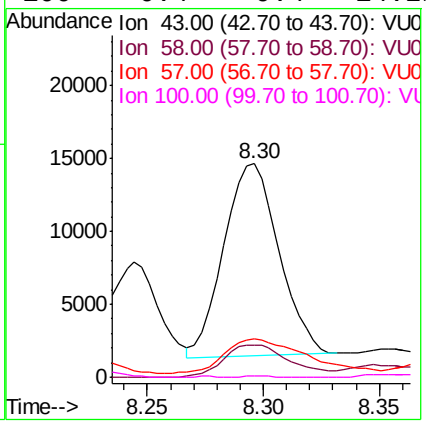


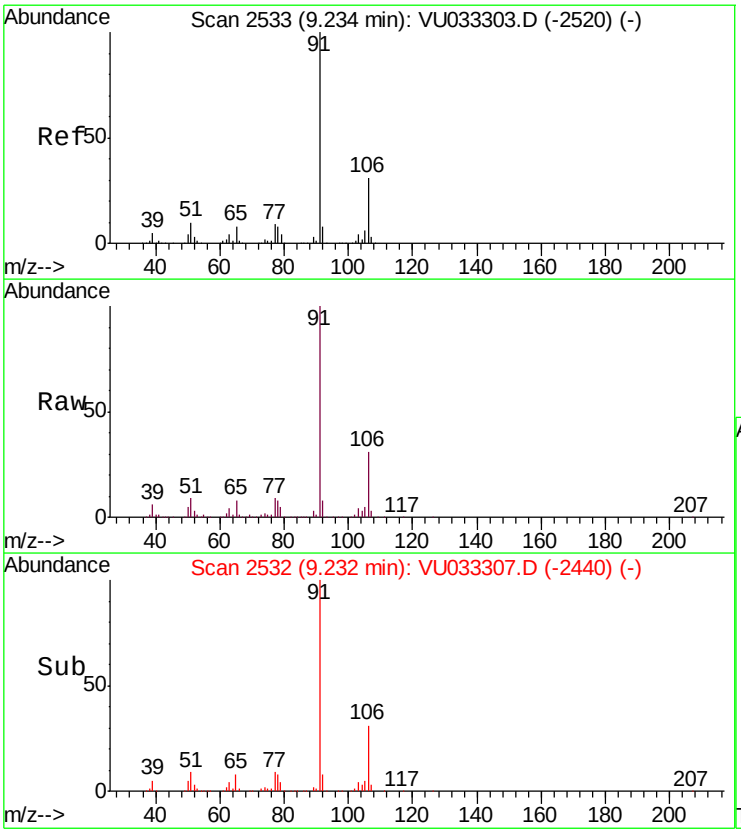
#48
2-Hexanone
Concen: 8.118 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Instrument : MSVOA_U
ClientSampleId : GAMR0

Tgt Ion: 43 Resp: 21758

Ion	Ratio	Lower	Upper
43	100		
58	20.3	46.1	69.1#
57	26.6	15.8	23.8#
100	0.4	9.4	14.2#

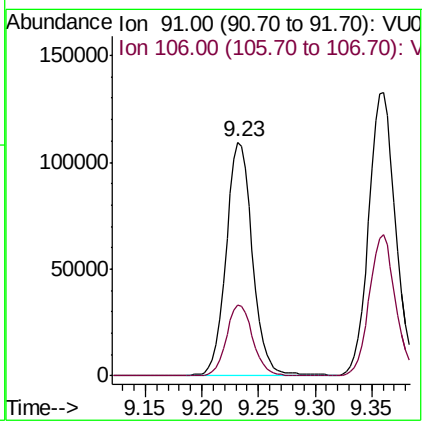


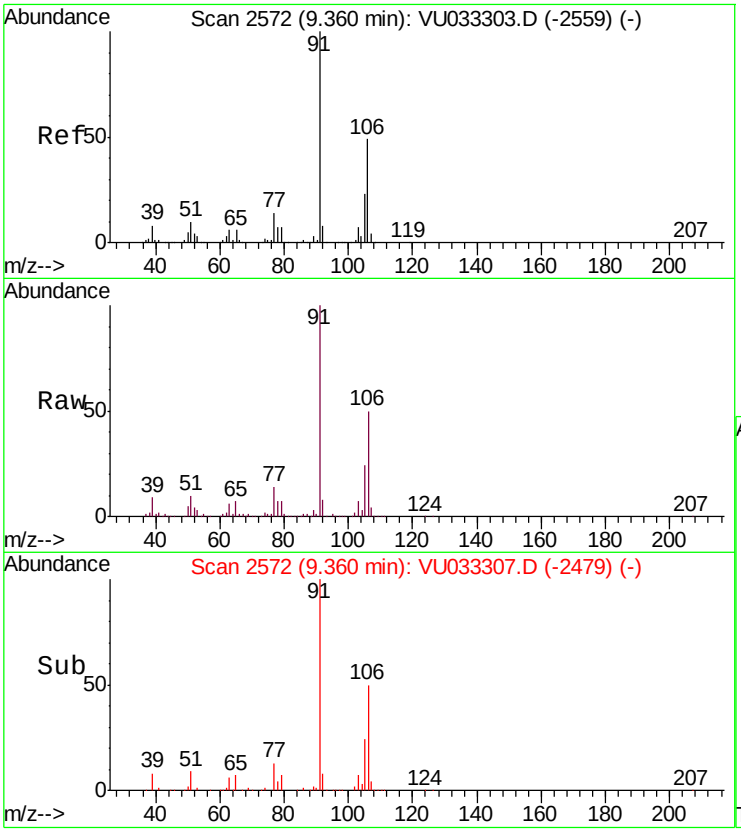


#52
Ethylbenzene
Concen: 16.806 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. -0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 91 Resp: 175319

Ion	Ratio	Lower	Upper
91	100		
106	30.5	22.2	41.2



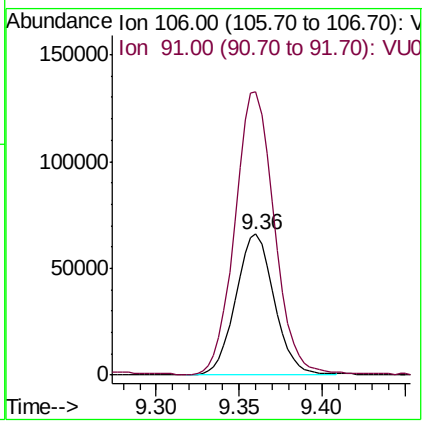


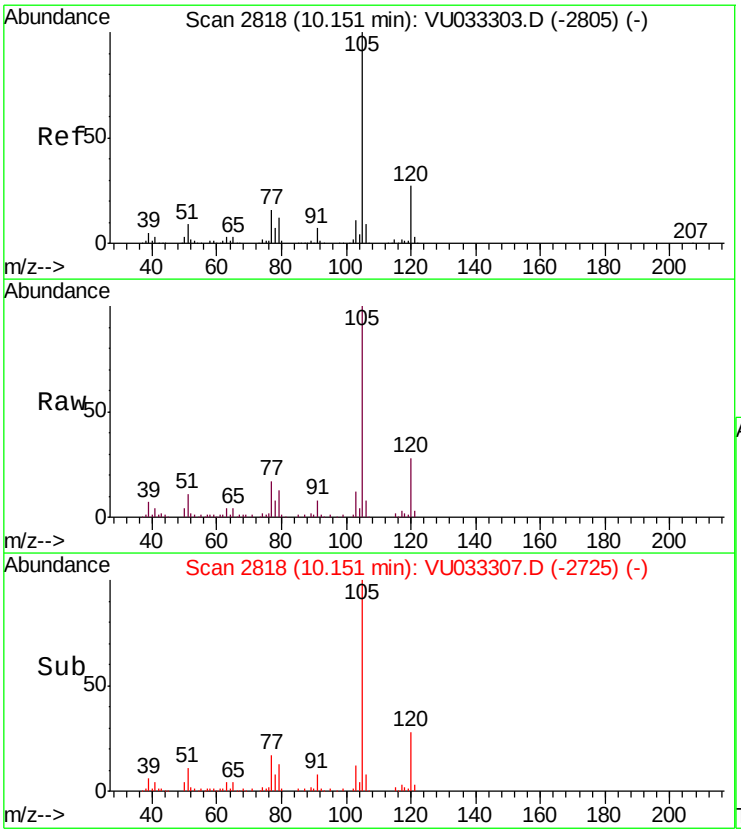
#53
m,p-Xylene
Concen: 26.912 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
GAMR0

Tgt Ion:106 Resp: 106341

Ion	Ratio	Lower	Upper
106	100		
91	200.8	141.3	262.3

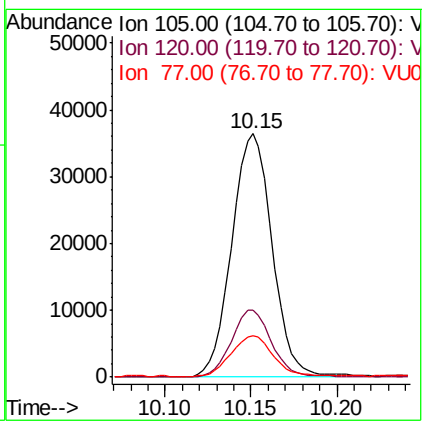


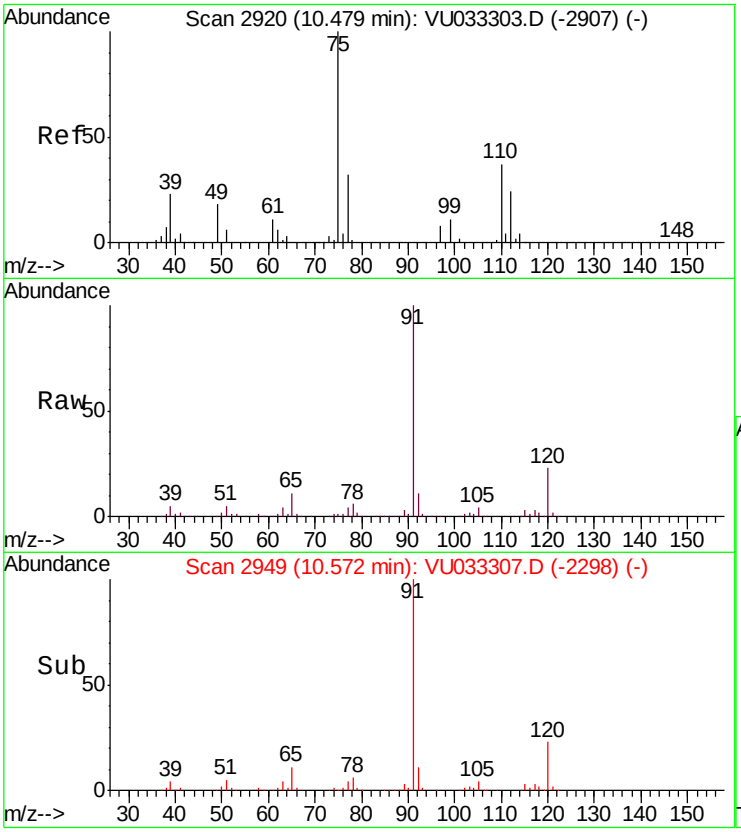


#56
Isopropylbenzene
Concen: 5.885 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion:105 Resp: 59413

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.2	31.8
77	18.1	12.9	19.3



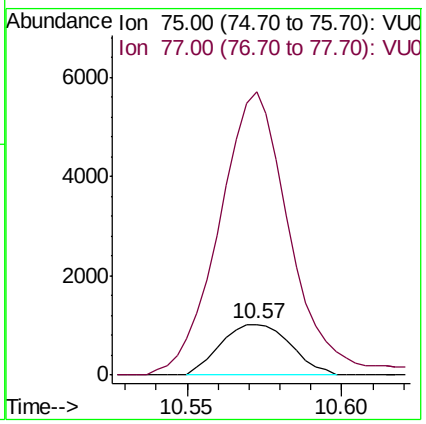


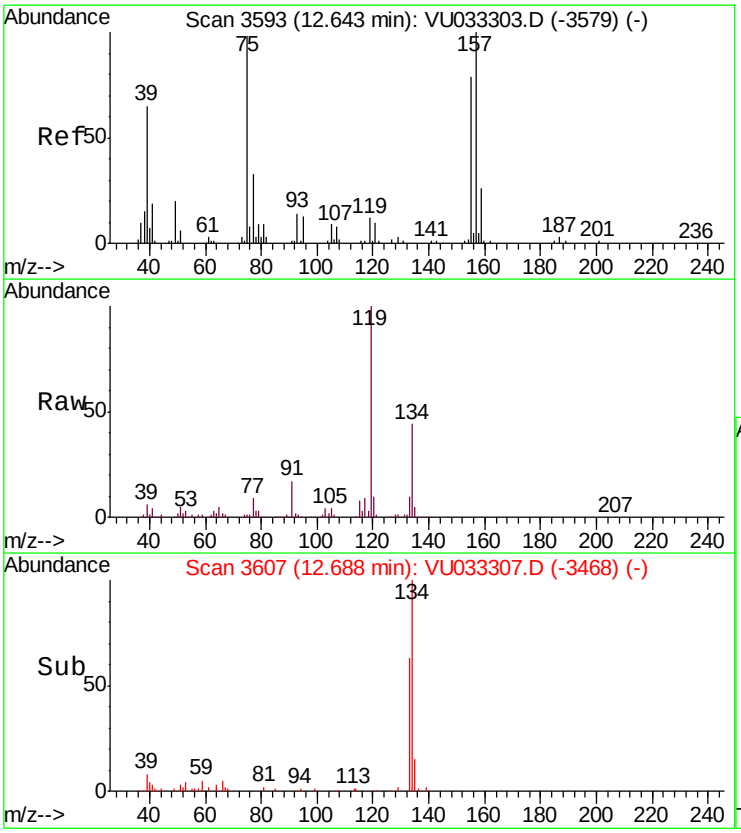
#59
1,2,3-Trichloropropane
Concen: 0.508 ug/L
RT: 10.57 min Scan# 2949
Delta R.T. 0.09 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
GAMR0

Tgt Ion: 75 Resp: 1622

Ion	Ratio	Lower	Upper
75	100		
77	555.9	26.0	39.0#

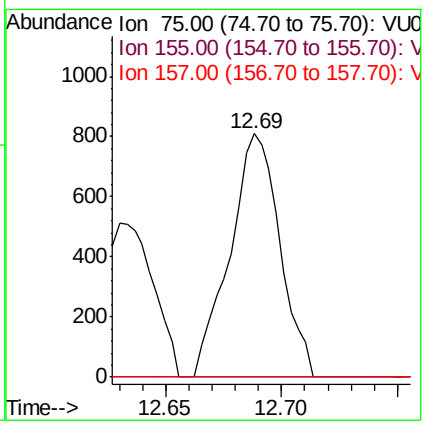


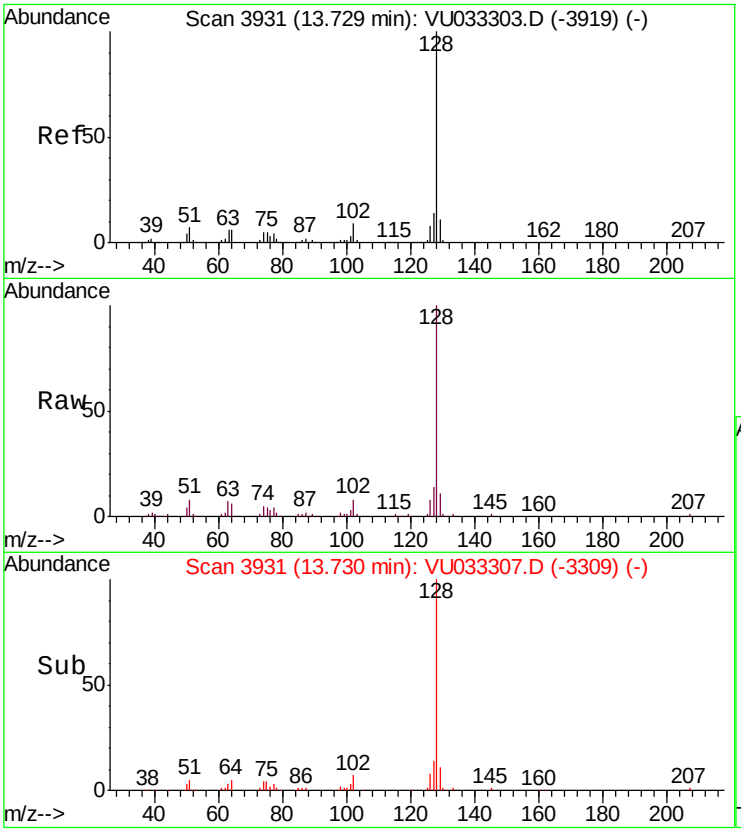


#66
1,2-Dibromo-3-chloropropane
Concen: 1.281 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. 0.05 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 75 Resp: 1214

Ion	Ratio	Lower	Upper
75	100		
155	0.0	63.5	95.3#
157	0.0	84.6	127.0#





#69
Naphthalene
Concen: 9.145 ug/L
RT: 13.73 min Scan# 3931
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
GAMR0

Tgt Ion:128 Resp: 89632

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	12.6	8.7	13.1