Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\

Quantitation Report (Not Reviewed)

Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

Quant Time: Apr 27 00:23:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	817146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	774969	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	360083	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	450131	65.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 131.64%			
7) Chloroethane-d5	1.68	69	290950	55.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.10%			
11) 1,1-Dichloroethene-d2	2.24	63	656411	48.20	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.40%			
21) 2-Butanone-d5	4.20	46	717041	115.72	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.72%			
24) Chloroform-d	4.64	84	721204	57.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.16%			
26) 1,2-Dichloroethane-d4	5.31	65	490734	59.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.94%			
32) Benzene-d6	5.33	84	1554871	65.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 130.68%#			
36) 1,2-Dichloropropane-d6	6.33	67	540600	64.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 129.14%#			
41) Toluene-d8	7.56	98	1363377	65.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 131.56%#			
43) trans-1,3-Dichloropropene-	7.85	79	239639	66.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 133.36%#			
47) 2-Hexanone-d5	8.34	63	555250	153.22	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 153.22%#			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	667621	59.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 118.84%			
64) 1,2-Dichlorobenzene-d4	11.86	152	475188	62.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 125.50%#			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	5475	0.836	ug/L #	29
13) Acetone	2.35	43	3376	0.484	ug/L	47
15) Methyl Acetate	2.64	43	11849	1.122	ug/L	98
33) Benzene	5.38	78	16625	0.583	ug/L	100
42) Toluene	7.64	91	105525	3.718	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	9144	0.943	ug/L #	81
48) 2-Hexanone	8.34	43	79363	7.885	ug/L #	61
52) Ethylbenzene	9.25	91	45738	1.554	ug/L	97
53) m,p-Xylene	9.38	106	62917	6.134	ug/L	95
54) o-xylene	9.78	106	79744	7.842	ug/L	93
55) Styrene	9.80	104	72984	4.201	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.49	83	70142	5.928	ug/L #	35
66) 1,2-Dibromo-3-chloropropan	12.65	75	7754	2.637	ug/L #	21
69) Naphthalene	13.74	128	1415041	58.723	ug/L #	92
70) 1,2,3-Trichlorobenzene	13.94	180	15747	1.957	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\

Quantitation Report (Not Reviewed)

Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Quant Time: Apr 27 00:23:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

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

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

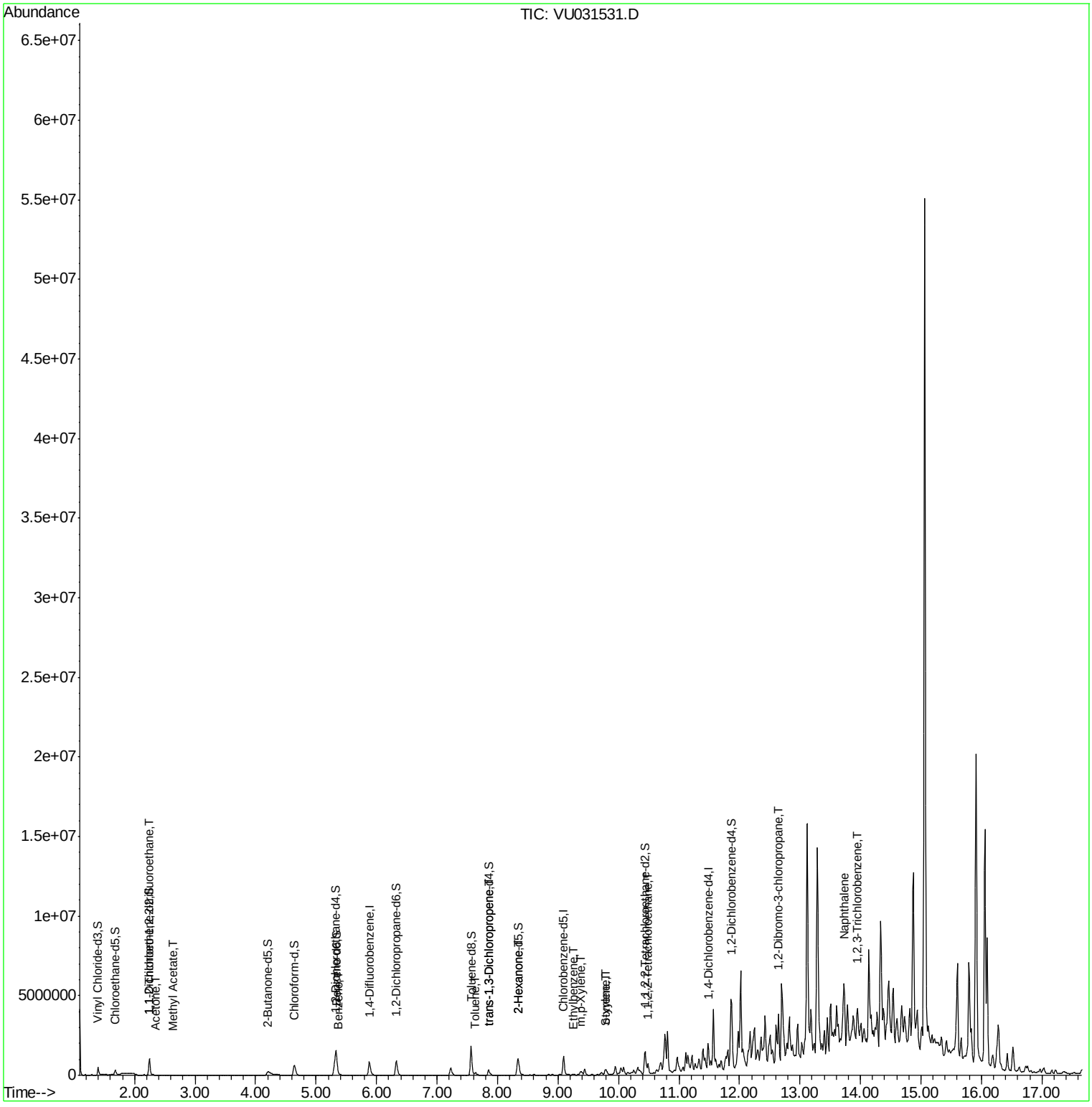
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\

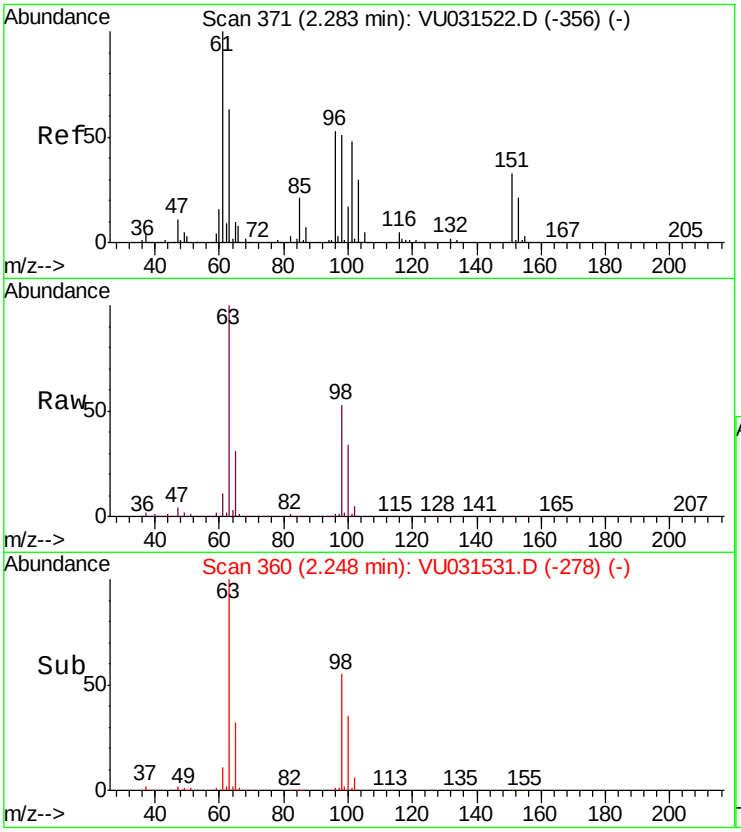
Quantitation Report (Not Reviewed)

Data File : VU031531.D
Acq On : 26 Apr 2019 14:34
Operator : JC/SP
Sample : K2481-20ME
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

Quant Time: Apr 27 00:23:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration



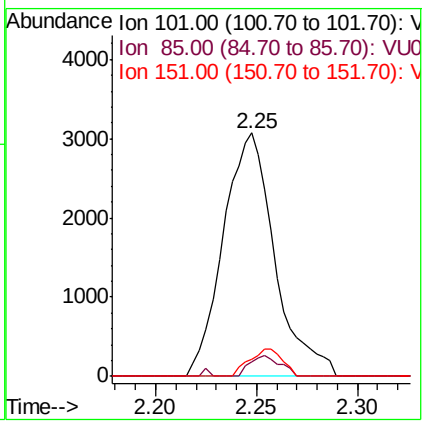


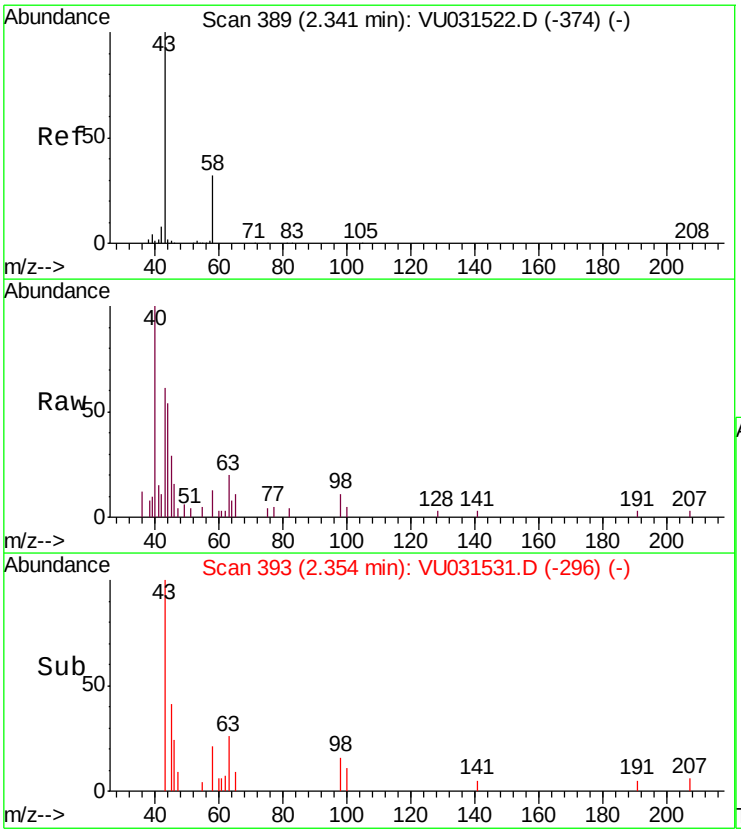
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.836 ug/L
RT: 2.25 min Scan# 360
Delta R.T. -0.04 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Tgt Ion:101 Resp: 5475

Ion	Ratio	Lower	Upper
101	100		
85	5.0	36.1	54.1#
151	7.3	56.1	84.1#

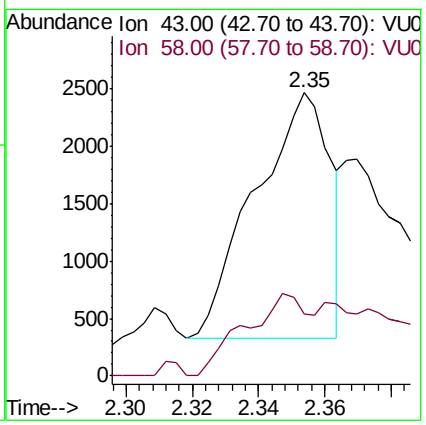


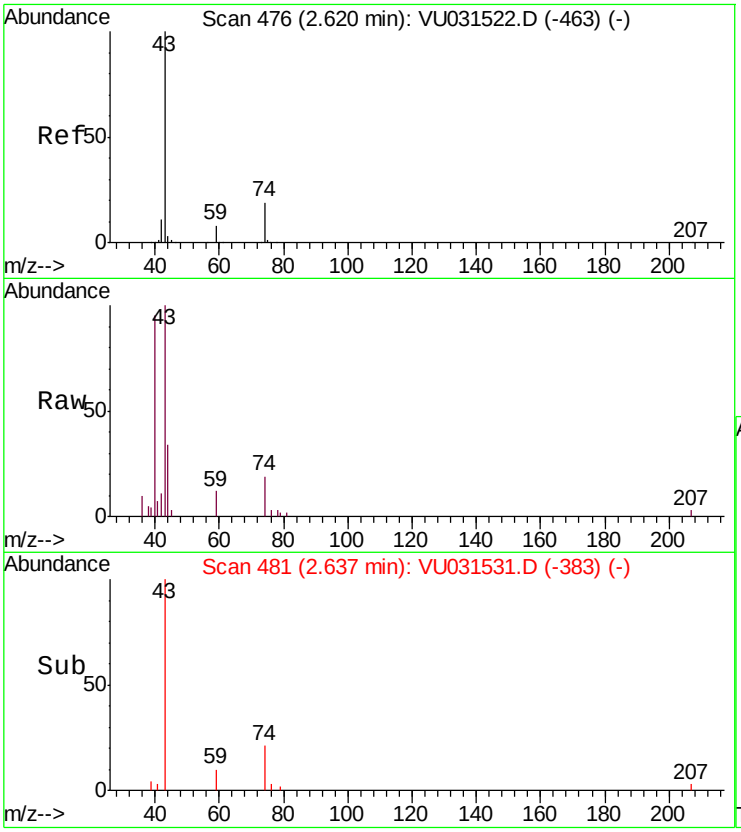


#13
Acetone
Concen: 0.484 ug/L
RT: 2.35 min Scan# 393
Delta R.T. 0.01 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Tgt Ion: 43 Resp: 3376

Ion	Ratio	Lower	Upper
43	100		
58	2.6	0.0	64.4



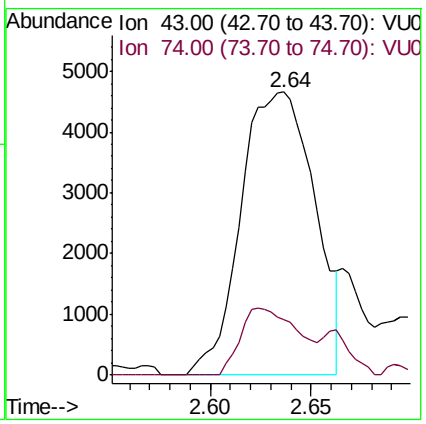


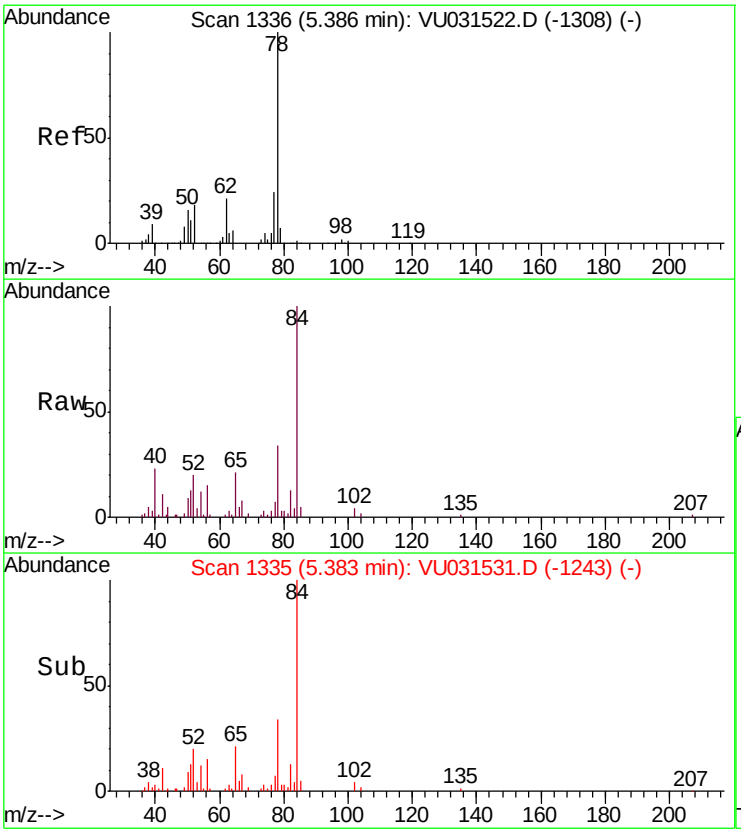
#15
Methyl Acetate
Concen: 1.122 ug/L
RT: 2.64 min Scan# 481
Delta R.T. 0.02 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Tgt Ion: 43 Resp: 11849

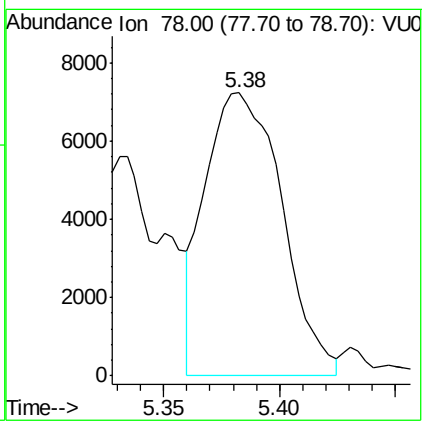
Ion	Ratio	Lower	Upper
43	100		
74	18.7	15.7	23.5

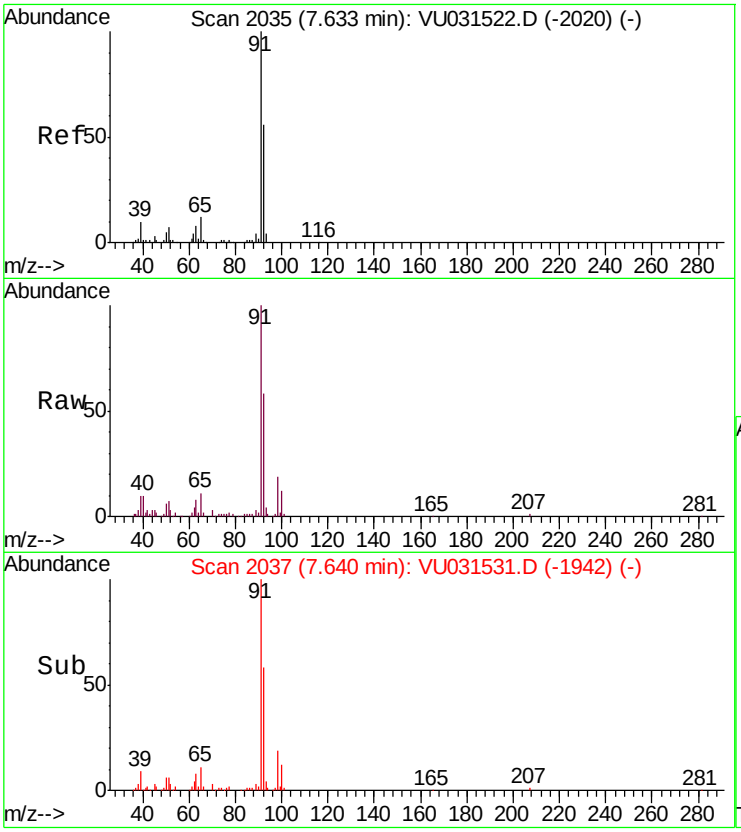




#33
Benzene
Concen: 0.583 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Tgt Ion: 78 Resp: 16625



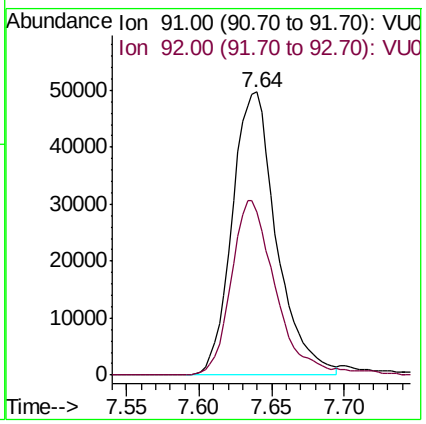


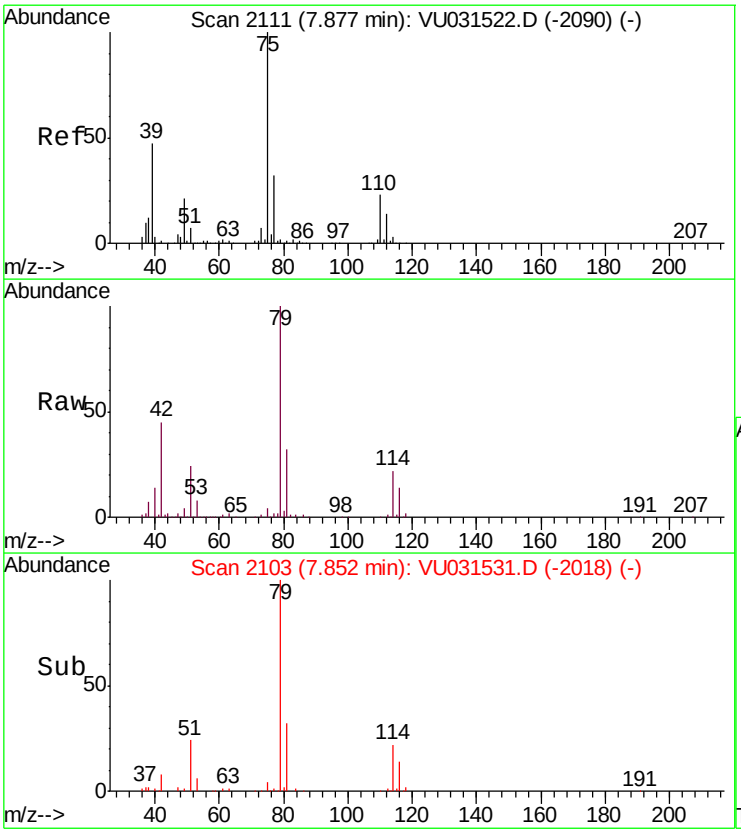
#42
Toluene
Concen: 3.718 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Instrument : MSVOA_U
ClientSampleId : GAHX3ME

Tgt Ion: 91 Resp: 105525

Ion	Ratio	Lower	Upper
91	100		
92	57.6	39.0	72.4

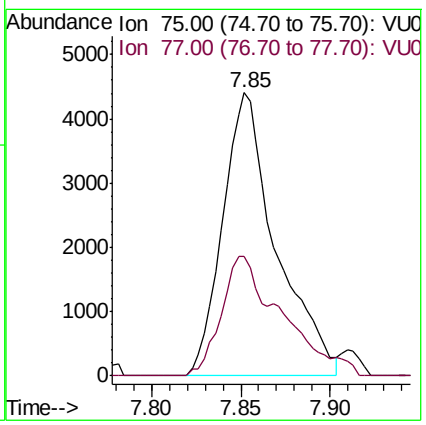


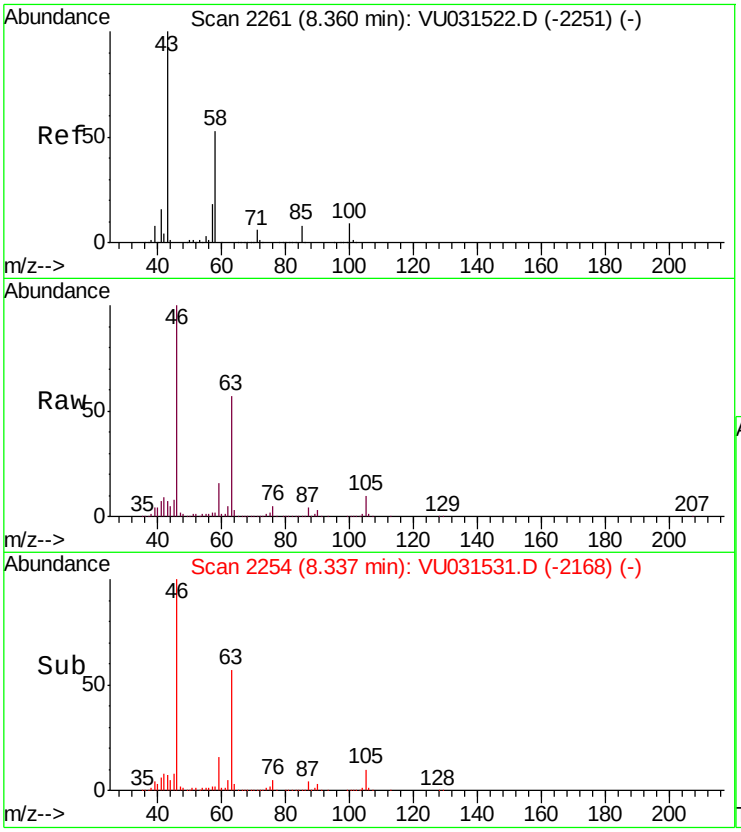


#44
trans-1,3-Dichloropropene
Concen: 0.943 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Tgt Ion: 75 Resp: 9144

Ion	Ratio	Lower	Upper
75	100		
77	42.2	22.1	41.1#



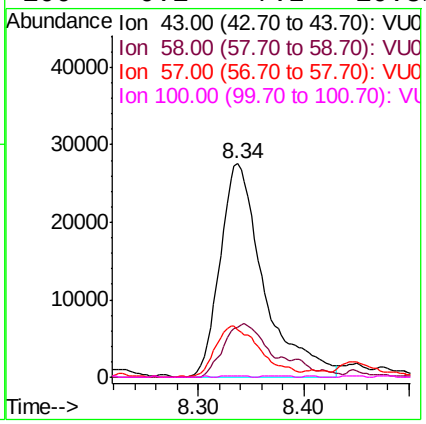


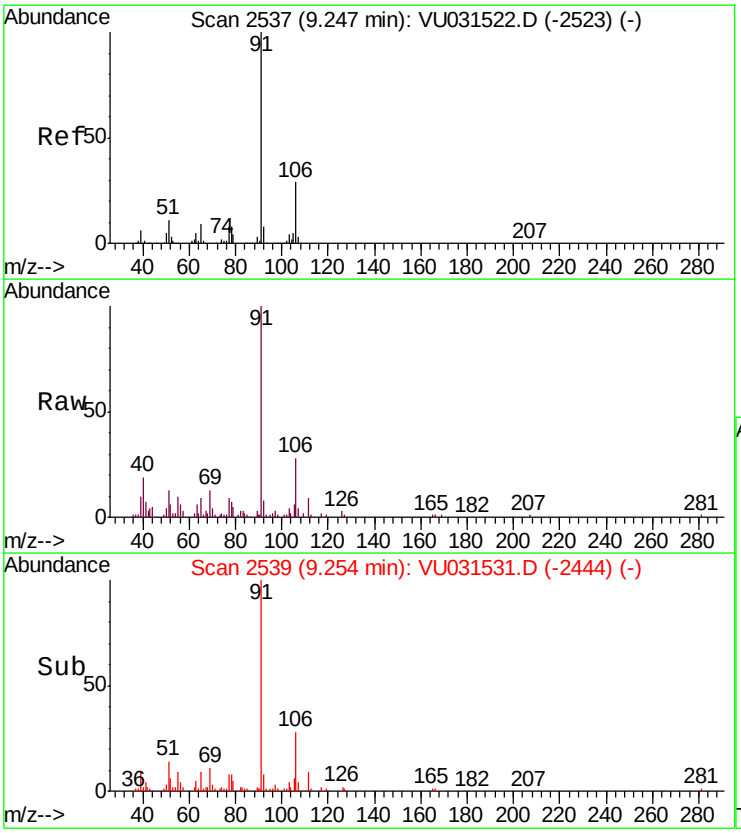
#48
2-Hexanone
Concen: 7.885 ug/L
RT: 8.34 min Scan# 2254
Delta R.T. -0.02 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Tgt Ion: 43 Resp: 79363

Ion	Ratio	Lower	Upper
43	100		
58	23.5	42.1	63.1#
57	0.0	14.6	22.0#
100	0.1	7.2	10.8#

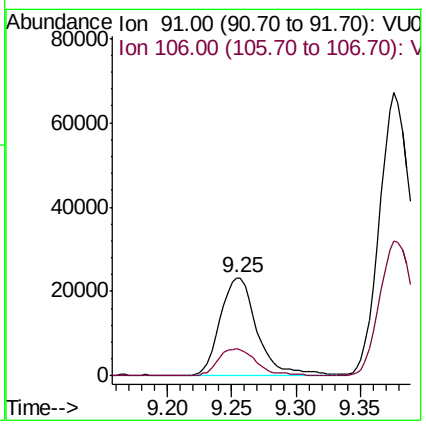


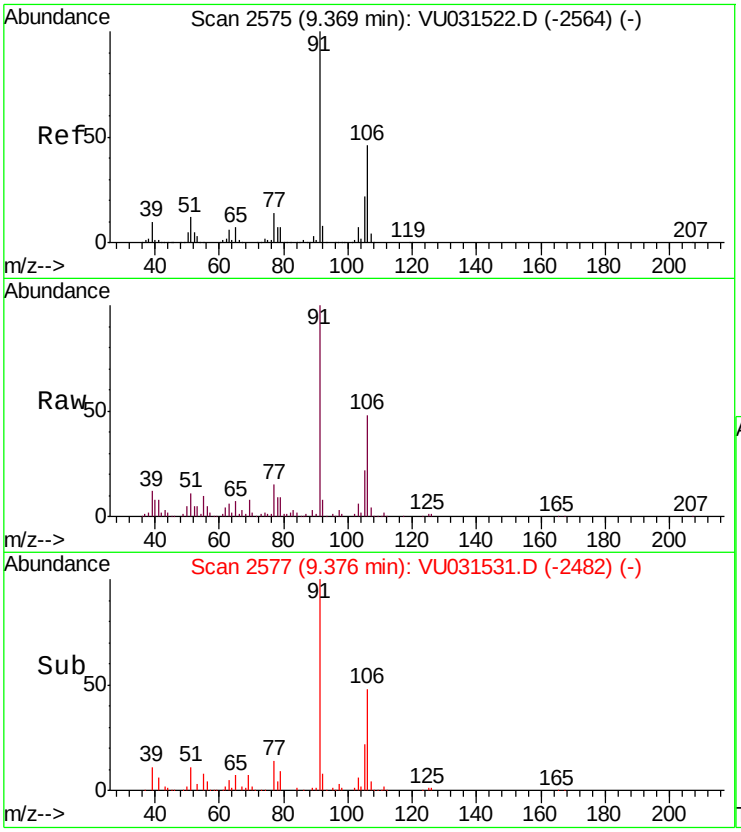


#52
Ethylbenzene
Concen: 1.554 ug/L
RT: 9.25 min Scan# 2539
Delta R.T. 0.01 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Tgt Ion: 91 Resp: 45738

Ion	Ratio	Lower	Upper
91	100		
106	27.6	20.4	37.8



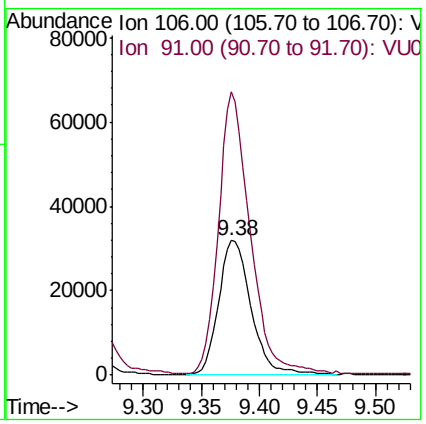


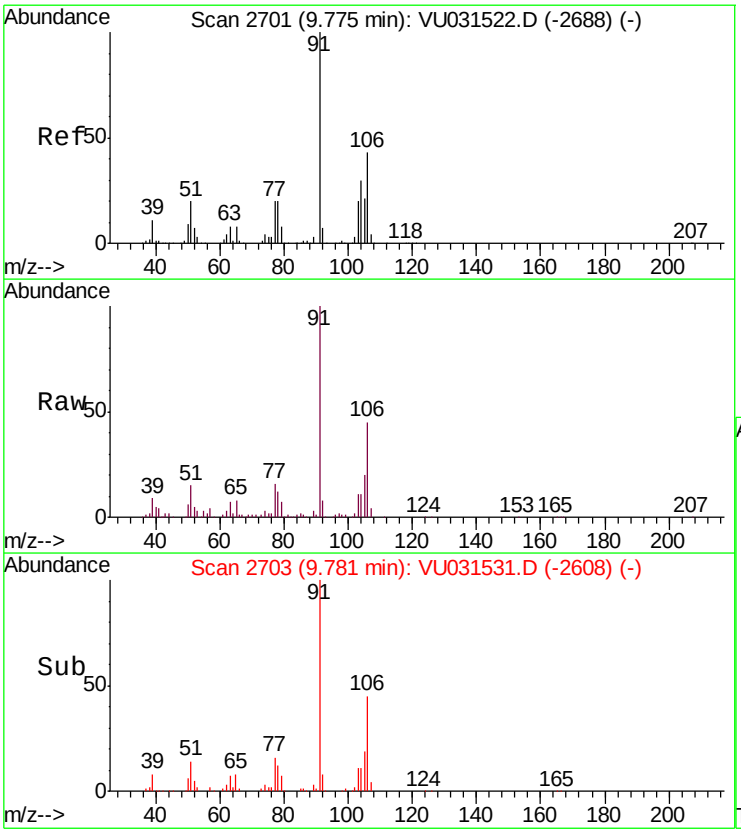
#53
m,p-Xylene
Concen: 6.134 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.01 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Tgt Ion:106 Resp: 62917

Ion	Ratio	Lower	Upper
106	100		
91	210.1	152.2	282.6

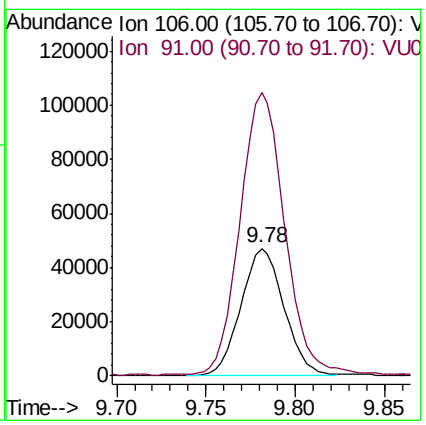


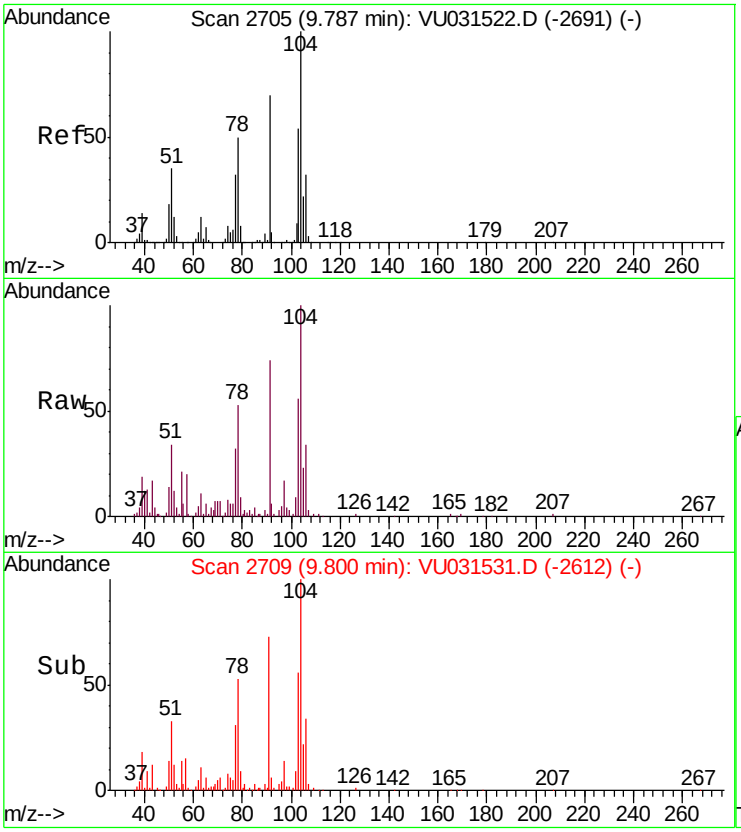


#54
o-xylene
Concen: 7.842 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Tgt Ion:106 Resp: 79744

Ion	Ratio	Lower	Upper
106	100		
91	222.1	163.2	303.2



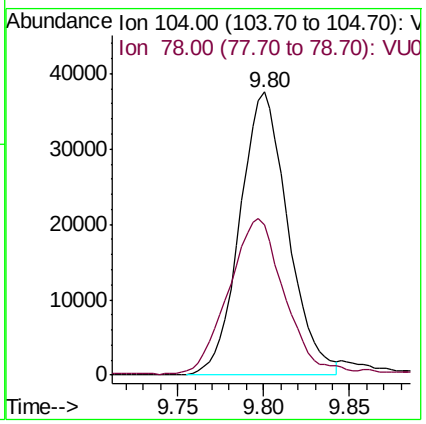


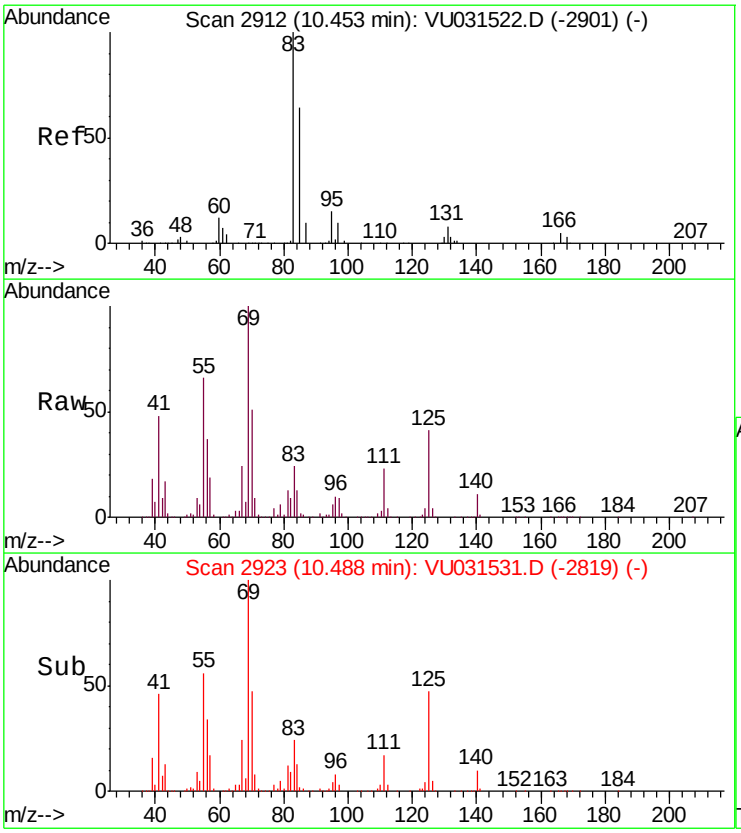
#55
Styrene
Concen: 4.201 ug/L
RT: 9.80 min Scan# 2709
Delta R.T. 0.01 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Tgt Ion:104 Resp: 72984

Ion	Ratio	Lower	Upper
104	100		
78	53.2	35.4	65.7

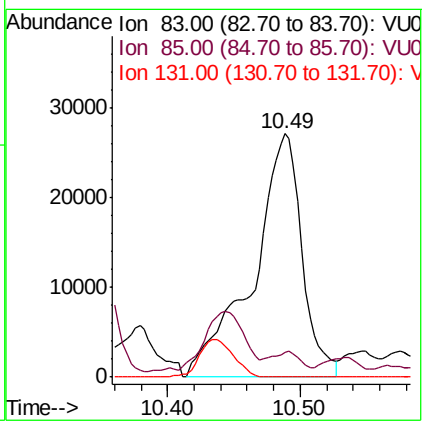


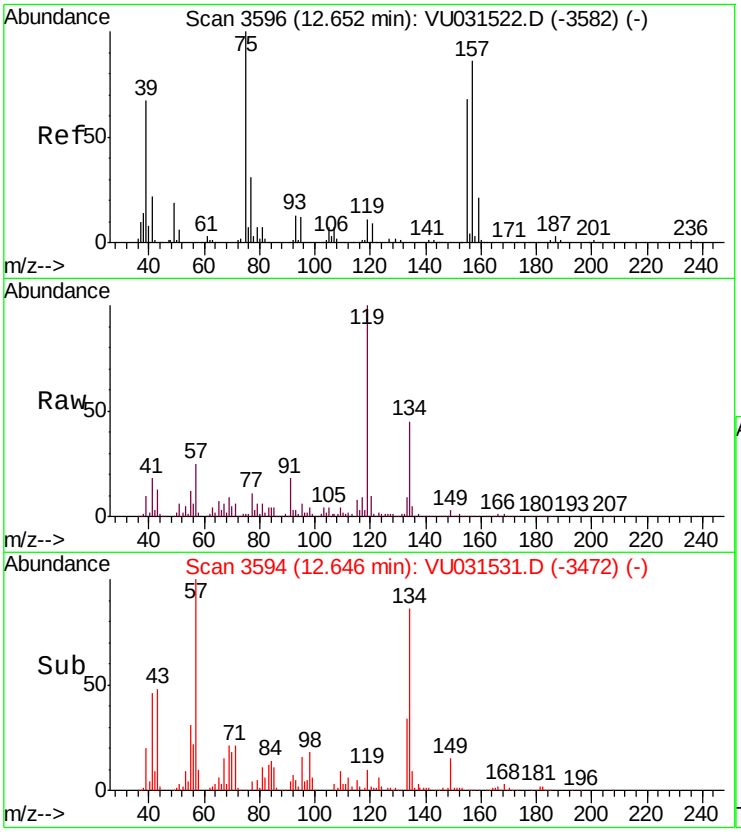


#58
1,1,2,2-Tetrachloroethane
Concen: 5.928 ug/L
RT: 10.49 min Scan# 2923
Delta R.T. 0.04 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Tgt Ion: 83 Resp: 70142

Ion	Ratio	Lower	Upper
83	100		
85	10.2	46.0	85.4#
131	0.0	7.3	10.9#



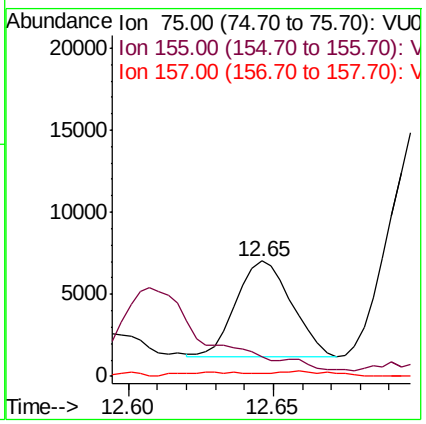


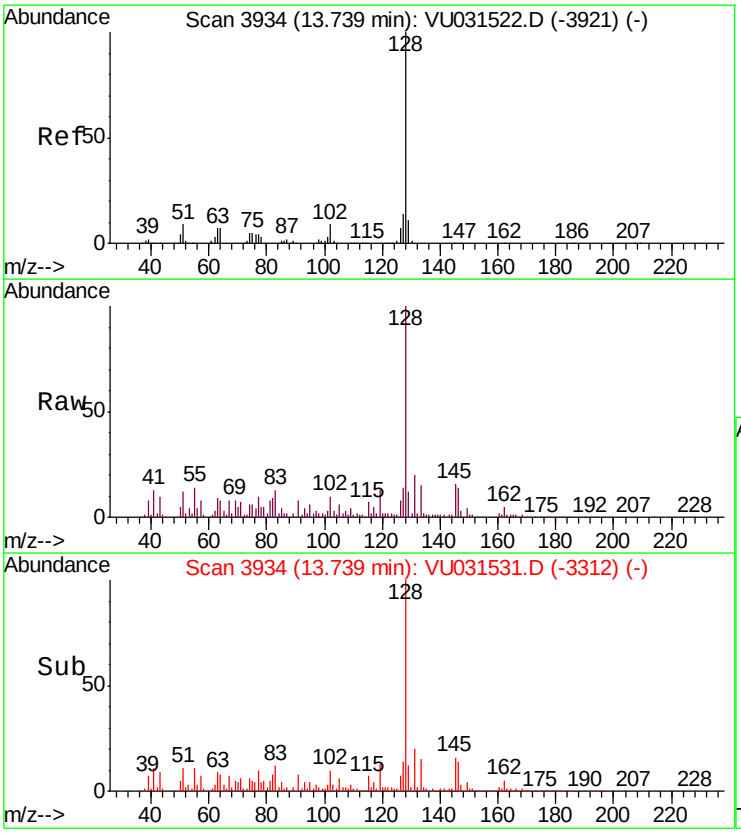
#66
1,2-Dibromo-3-chloropropane
Concen: 2.637 ug/L
RT: 12.65 min Scan# 3594
Delta R.T. -0.01 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Tgt Ion: 75 Resp: 7754

Ion	Ratio	Lower	Upper
75	100		
155	16.9	54.0	81.0#
157	2.4	69.1	103.7#

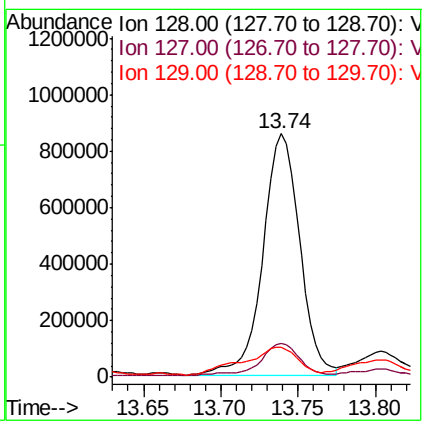


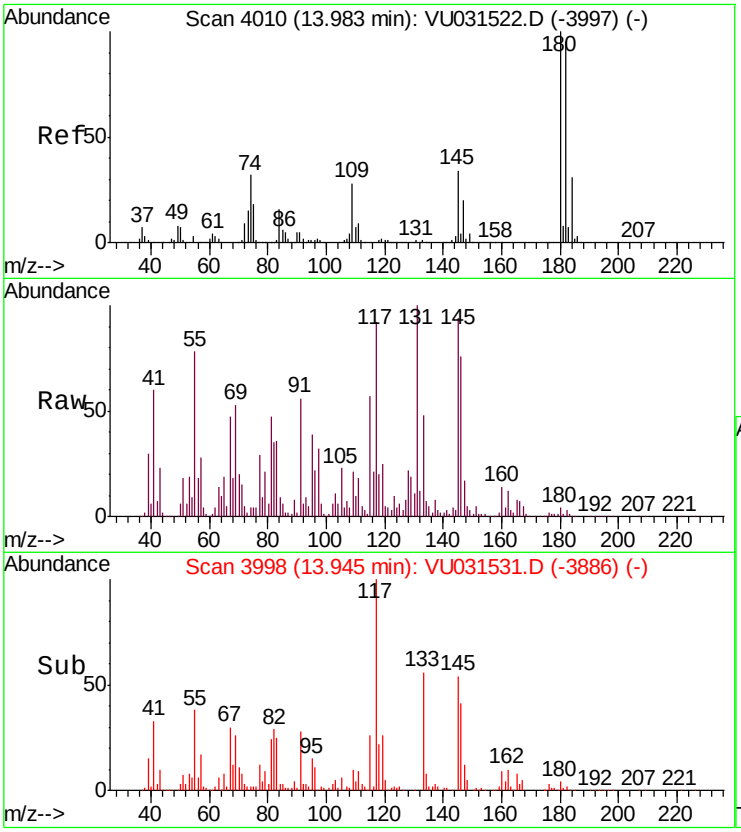


#69
Naphthalene
Concen: 58.723 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Tgt Ion:128 Resp: 1415041

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	16.7	8.7	13.1#





#70
1,2,3-Trichlorobenzene
Concen: 1.957 ug/L
RT: 13.94 min Scan# 3998
Delta R.T. -0.04 min
Lab File: VU031531.D
Acq: 26 Apr 2019 14:34

Instrument :
MSVOA_U
ClientSampleId :
GAHX3ME

Tgt Ion:180 Resp: 15747

Ion	Ratio	Lower	Upper
180	100		
182	47.8	76.1	114.1#
145	2475.0	26.0	39.0#