Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\

Quantitation Report (Not Reviewed)

Data File : VU034760.D
Acq On : 24 Sep 2019 02:00
Operator : JC/SP
Sample : K4932-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE8

Quant Time: Sep 24 03:44:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	498272	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	472400	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	219154	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	205667	40.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.64%			
7) Chloroethane-d5	1.67	69	168767	42.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.62%			
11) 1,1-Dichloroethene-d2	2.26	63	285818	33.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.18%			
21) 2-Butanone-d5	4.24	46	190	0.05	ug/L	0.09
Spiked Amount 100.000	Range 40 - 130		Recovery = 0.05%#			
24) Chloroform-d	4.65	84	15502	2.09	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 4.18%#			
26) 1,2-Dichloroethane-d4	5.29	65	269063	49.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.72%			
32) Benzene-d6	5.32	84	733258	50.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.16%			
36) 1,2-Dichloropropane-d6	6.31	67	257976	50.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.82%			
41) Toluene-d8	7.54	98	697231	50.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.10%			
43) trans-1,3-Dichloropropene-	7.83	79	108015	44.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.14%			
47) 2-Hexanone-d5	8.17	63	41	0.02	ug/L	-0.12
Spiked Amount 100.000	Range 45 - 130		Recovery = 0.02%#			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	2401	0.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 0.68%#			
64) 1,2-Dichlorobenzene-d4	11.84	152	242445	52.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.52%			

Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	6505	1.158	ug/L #	39
13) Acetone	2.31	43	186797	41.075	ug/L	100
16) Methylene chloride	2.68	84	754130	182.620	ug/L	98
20) cis-1,2-Dichloroethene	4.21	96	16946	4.066	ug/L	76
22) 2-Butanone	4.23	43	482524	89.186	ug/L	100
25) Chloroform	4.65	83	325393	40.413	ug/L	100
34) Trichloroethene	6.16	95	193531	47.829	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	111380	11.958	ug/L	97
42) Toluene	7.62	91	72249	4.080	ug/L	95
48) 2-Hexanone	8.34	43	638703	87.801	ug/L	99
52) Ethylbenzene	9.23	91	24154	1.211	ug/L	99
53) m,p-Xylene	9.35	106	32083	4.543	ug/L	97
54) o-xylene	9.76	106	22639	3.241	ug/L	95
59) 1,2,3-Trichloropropane	11.46	75	32004	5.252	ug/L	92
69) Naphthalene	13.73	128	84462	6.101	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\

Quantitation Report (Not Reviewed)

Data File : VU034760.D
Acq On : 24 Sep 2019 02:00
Operator : JC/SP
Sample : K4932-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE8

Quant Time: Sep 24 03:44:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

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

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

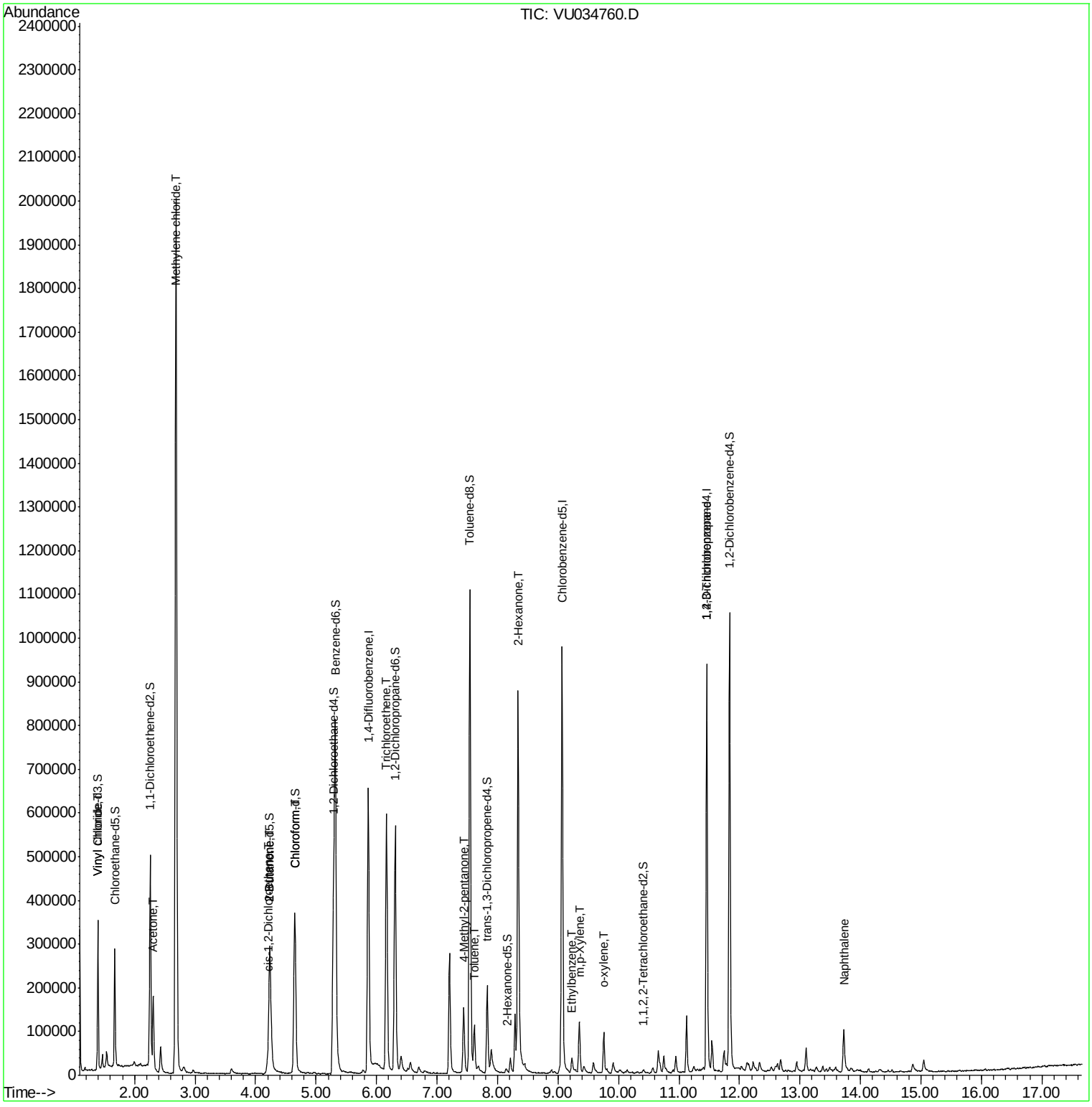
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\

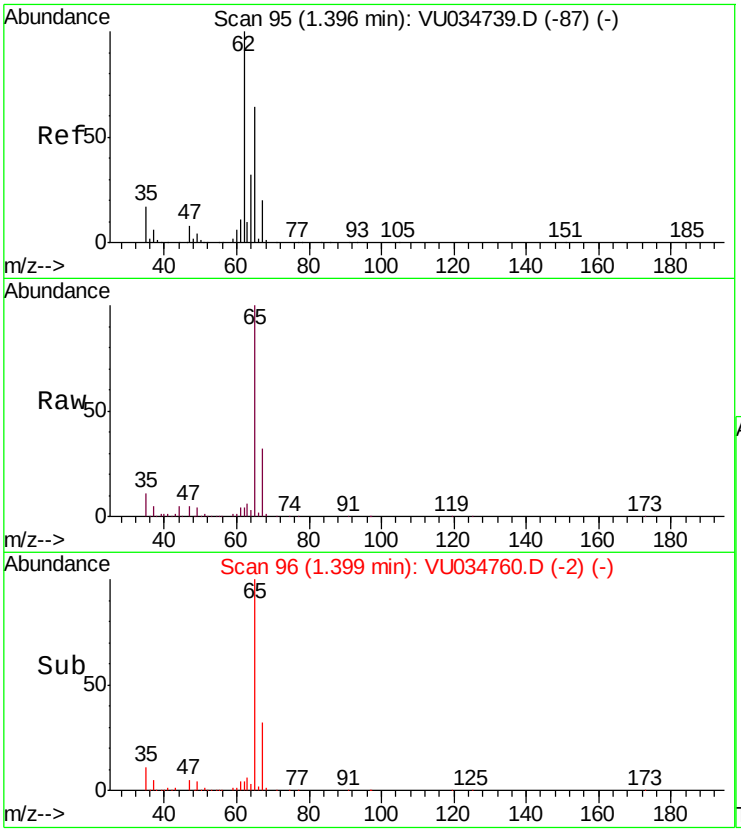
Quantitation Report (Not Reviewed)

Data File : VU034760.D
Acq On : 24 Sep 2019 02:00
Operator : JC/SP
Sample : K4932-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE8

Quant Time: Sep 24 03:44:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration



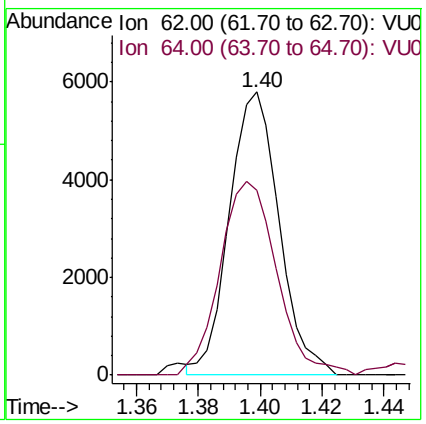


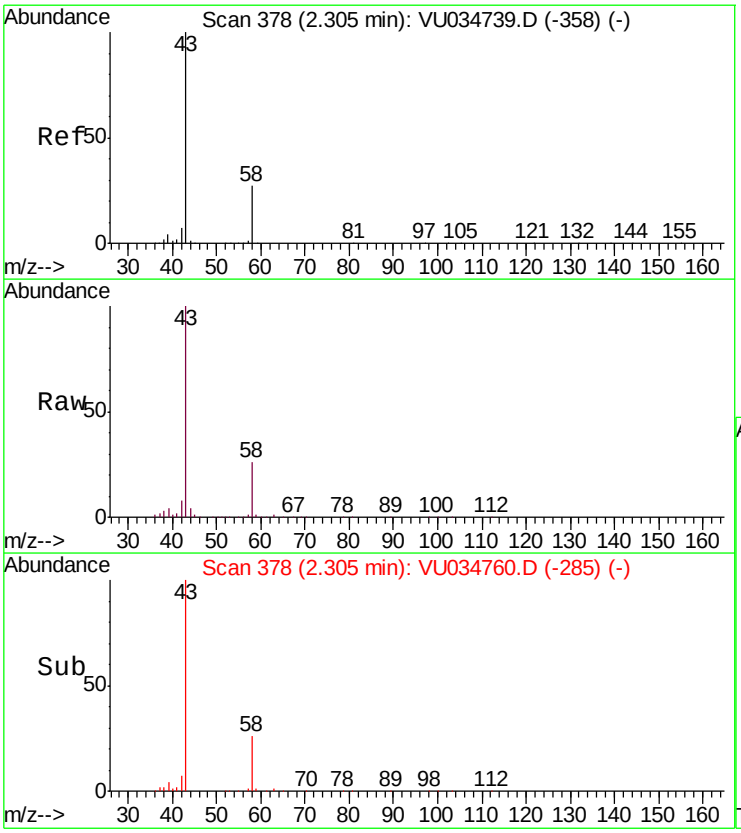
#5
Vinyl chloride
Concen: 1.158 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Instrument : MSVOA_U
ClientSampleId : BFDE8

Tgt Ion: 62 Resp: 6505

Ion	Ratio	Lower	Upper
62	100		
64	65.4	22.2	41.2#

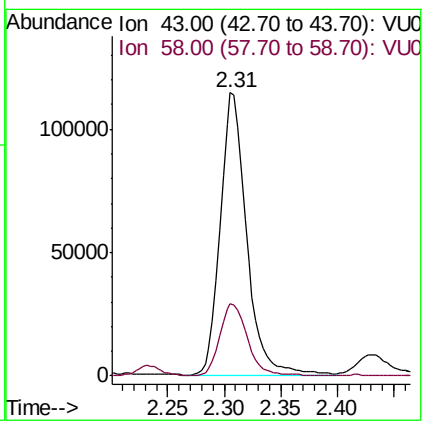


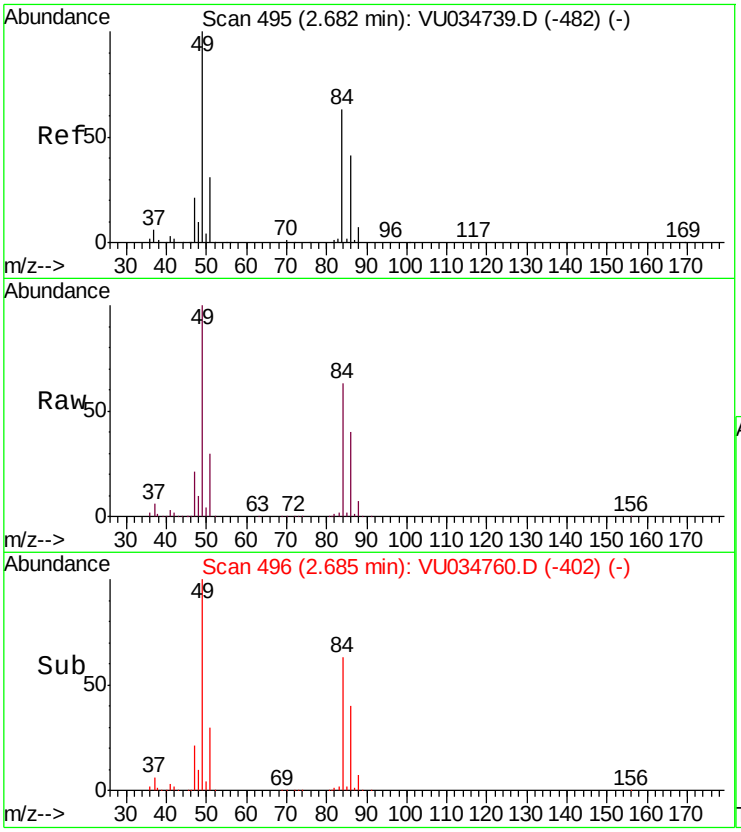


#13
Acetone
Concen: 41.075 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Tgt Ion: 43 Resp: 186797

Ion	Ratio	Lower	Upper
43	100		
58	26.5	0.0	53.4



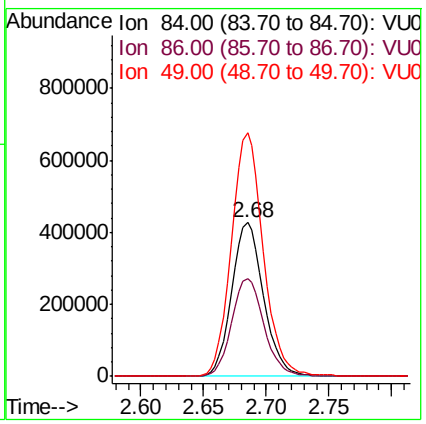


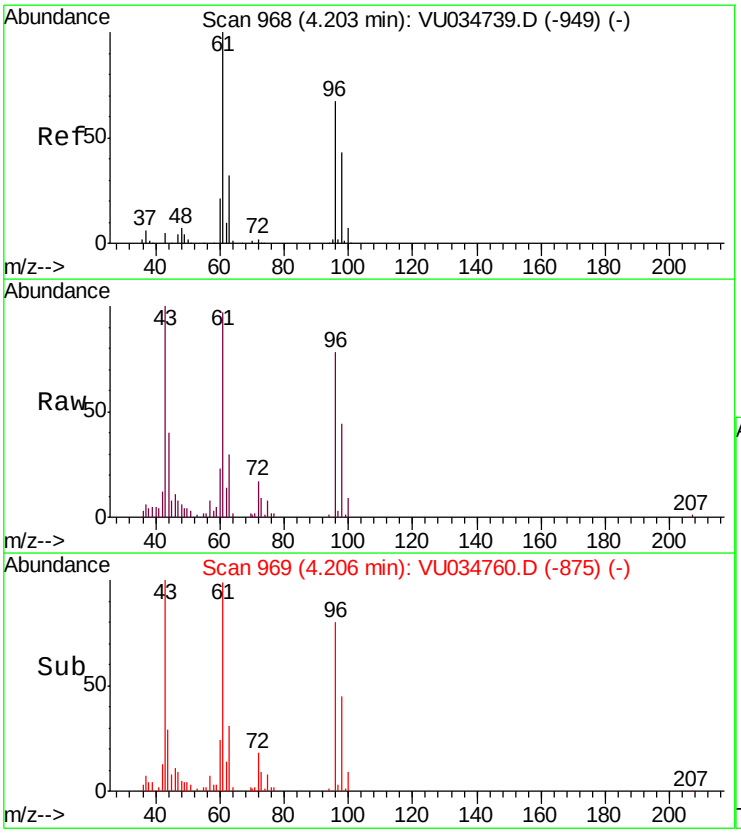
#16
Methylene chloride
Concen: 182.620 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Instrument : MSVOA_U
ClientSampleId : BFDE8

Tgt Ion: 84 Resp: 754130

Ion	Ratio	Lower	Upper
84	100		
86	63.7	43.0	80.0
49	158.2	109.7	203.7

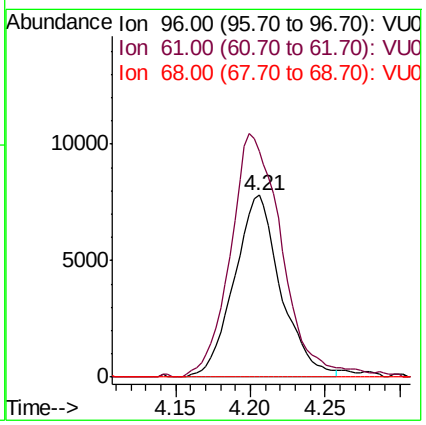


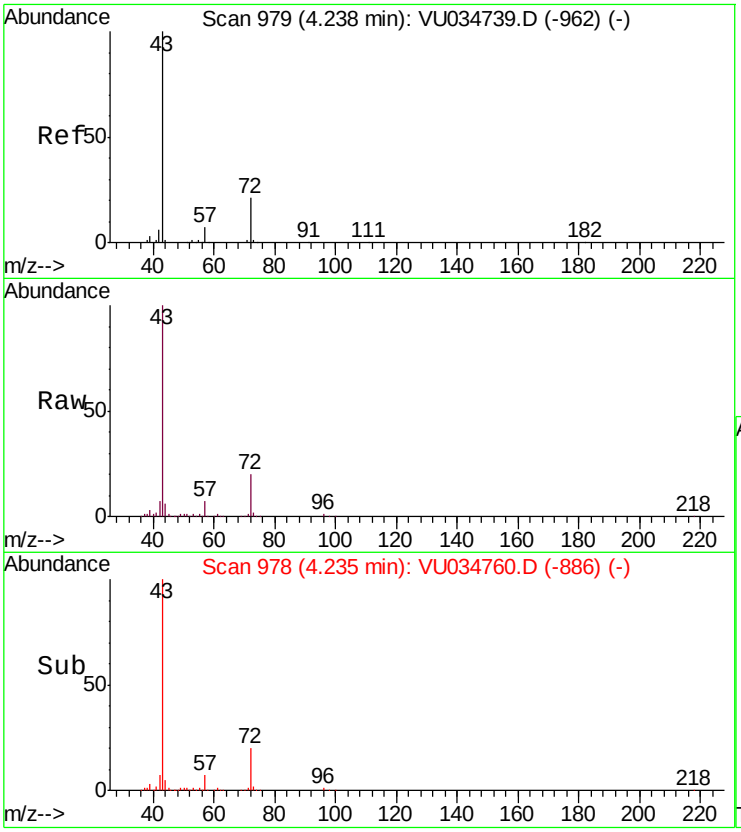


#20
cis-1,2-Dichloroethene
Concen: 4.066 ug/L
RT: 4.21 min Scan# 969
Delta R.T. 0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Tgt Ion: 96 Resp: 16946

Ion	Ratio	Lower	Upper
96	100		
61	124.5	108.8	202.2
68	0.0	0.0	0.0



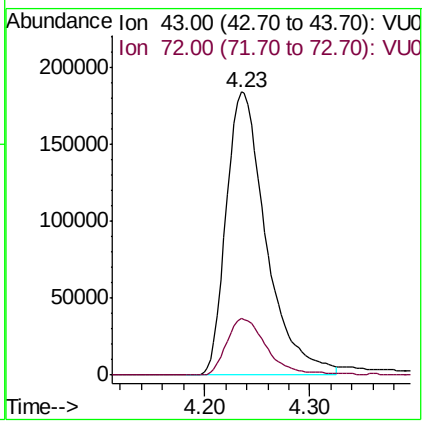


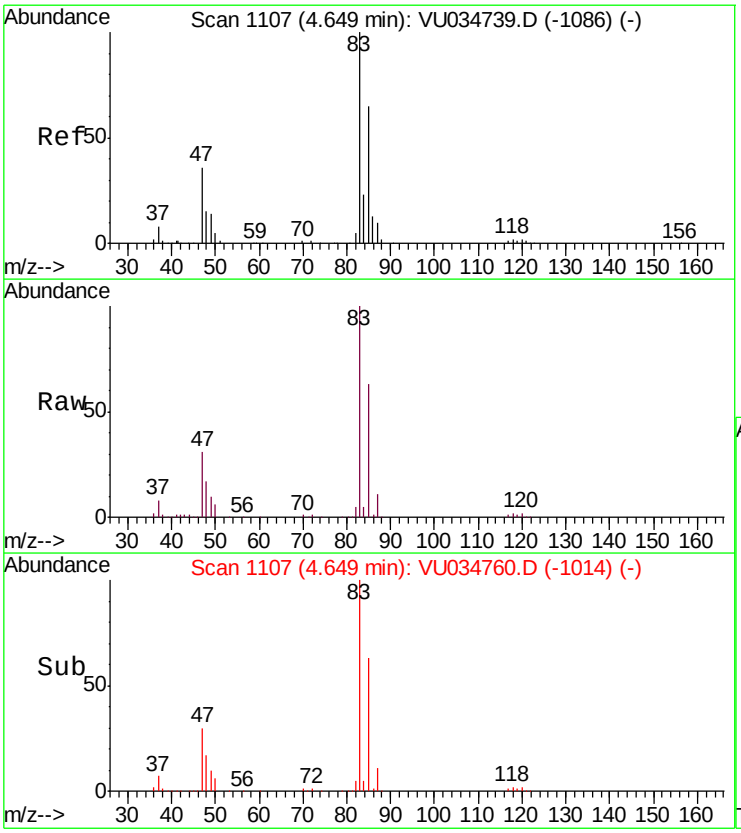
#22
2-Butanone
Concen: 89.186 ug/L
RT: 4.23 min Scan# 978
Delta R.T. -0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Instrument :
MSVOA_U
ClientSampleId :
BFDE8

Tgt Ion: 43 Resp: 482524

Ion	Ratio	Lower	Upper
43	100		
72	20.2	10.2	30.6

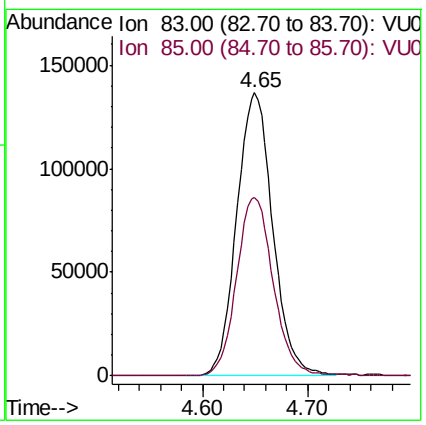


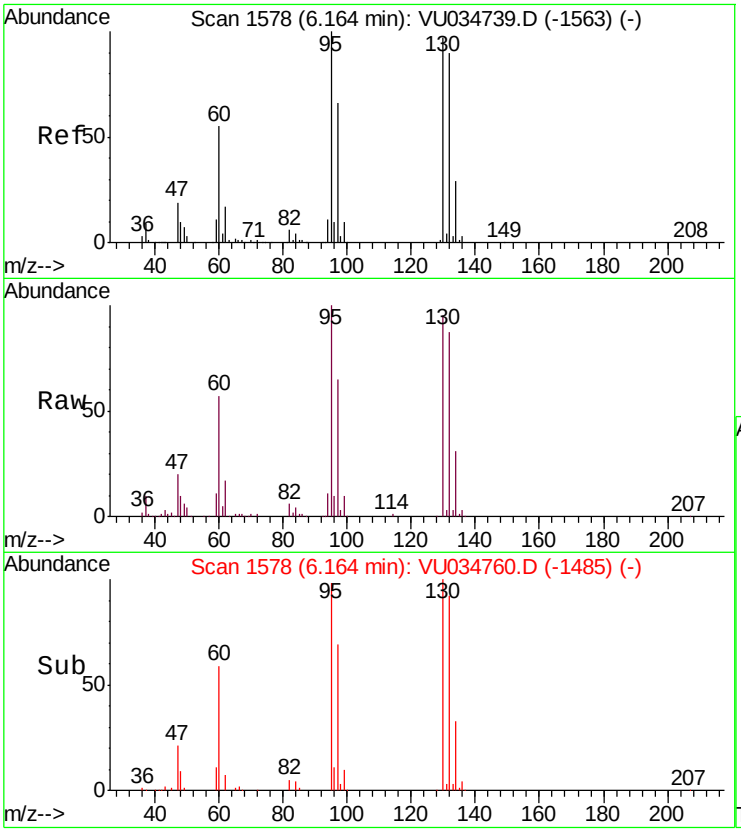


#25
Chloroform
Concen: 40.413 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Tgt Ion: 83 Resp: 325393

Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.0	81.6



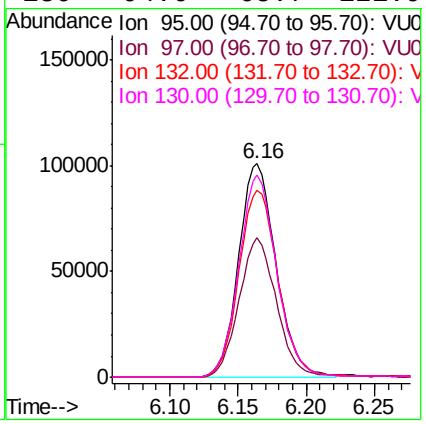


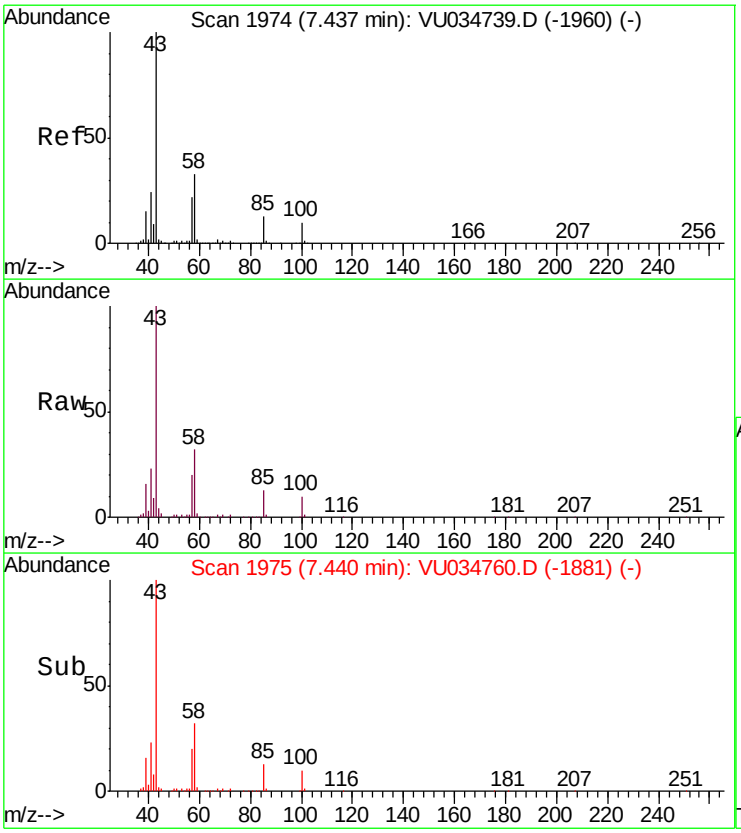
#34
Trichloroethene
Concen: 47.829 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Instrument :
MSVOA_U
ClientSampleId :
BFDE8

Tgt Ion: 95 Resp: 193531

Ion	Ratio	Lower	Upper
95	100		
97	65.1	43.7	81.1
132	87.2	61.0	113.2
130	94.6	65.7	121.9

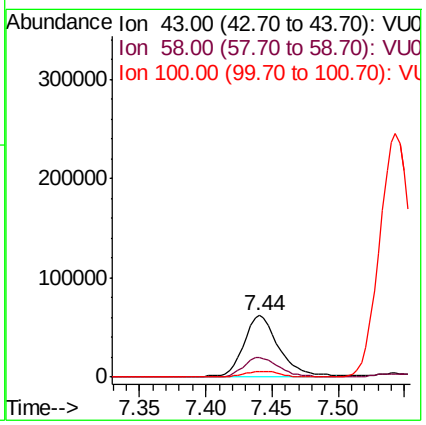


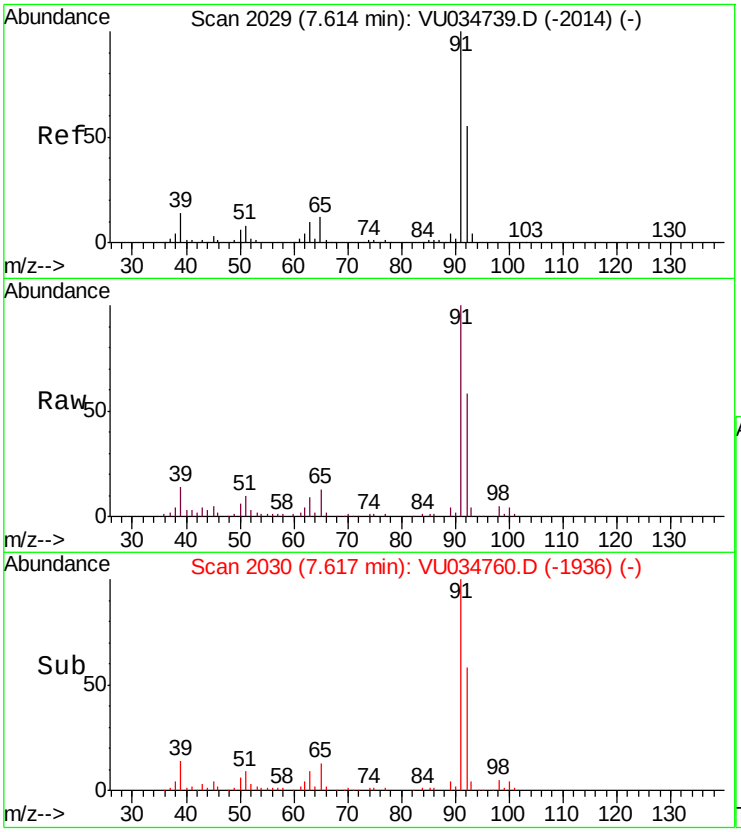


#40
4-Methyl-2-pentanone
Concen: 11.958 ug/L
RT: 7.44 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Tgt Ion: 43 Resp: 111380

Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.2	37.8
100	10.5	7.7	11.5



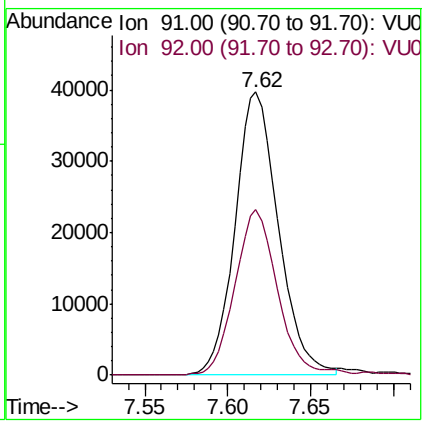


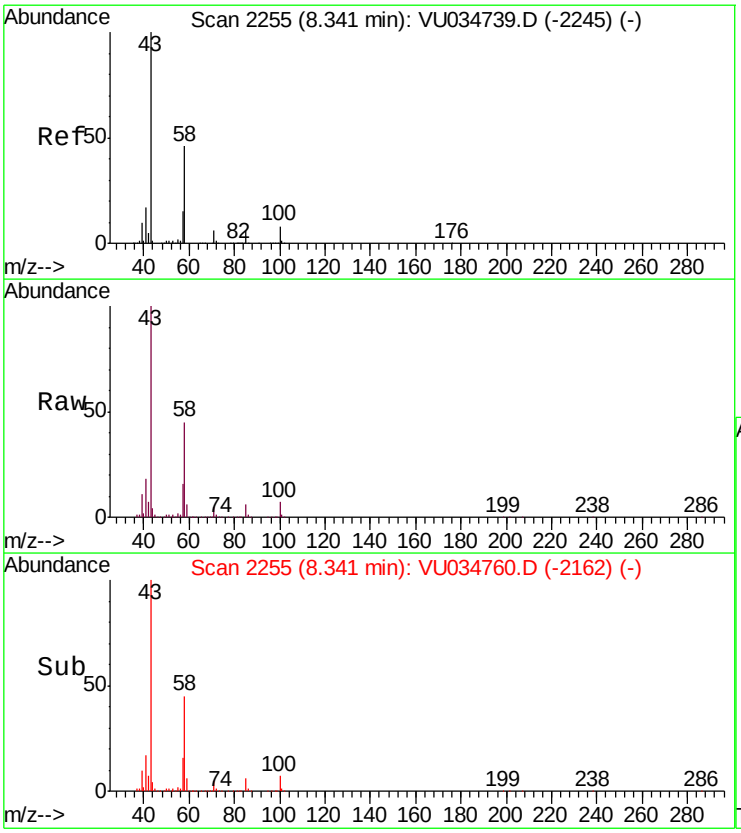
#42
Toluene
Concen: 4.080 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Instrument : MSVOA_U
ClientSampleId : BFDE8

Tgt Ion: 91 Resp: 72249

Ion	Ratio	Lower	Upper
91	100		
92	58.3	38.2	71.0

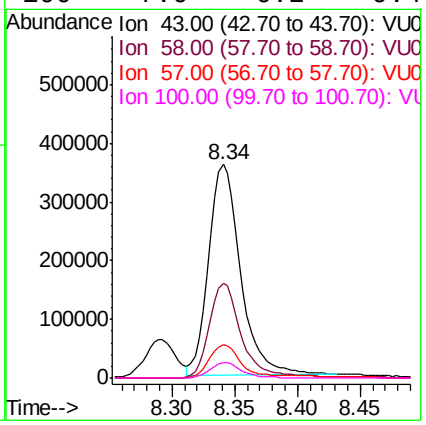


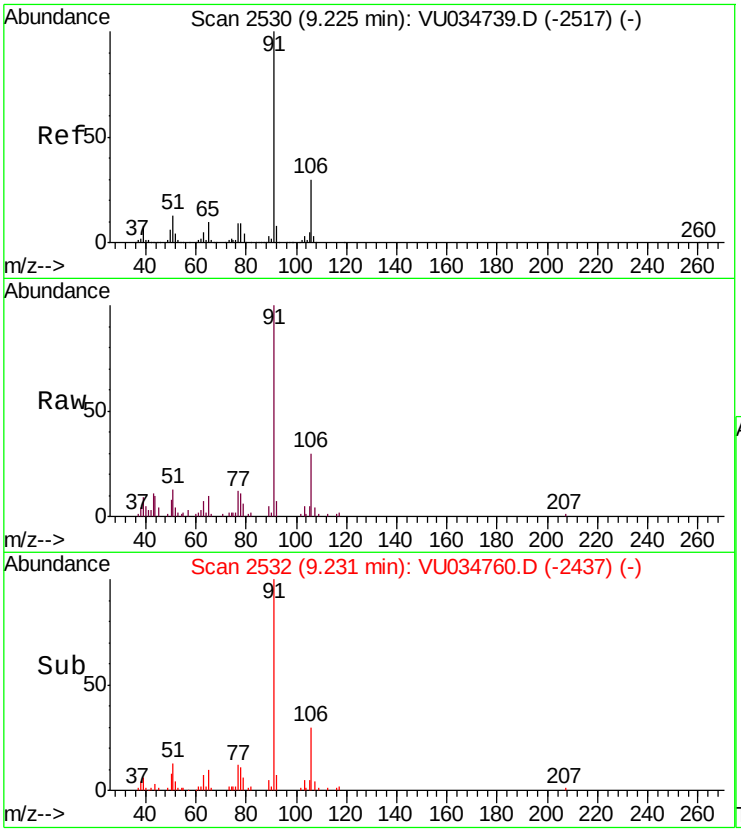


#48
2-Hexanone
Concen: 87.801 ug/L
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Tgt Ion: 43 Resp: 638703

Ion	Ratio	Lower	Upper
43	100		
58	44.3	35.3	52.9
57	15.3	12.1	18.1
100	7.0	6.2	9.4



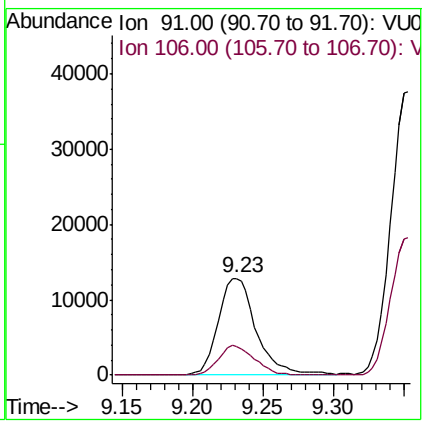


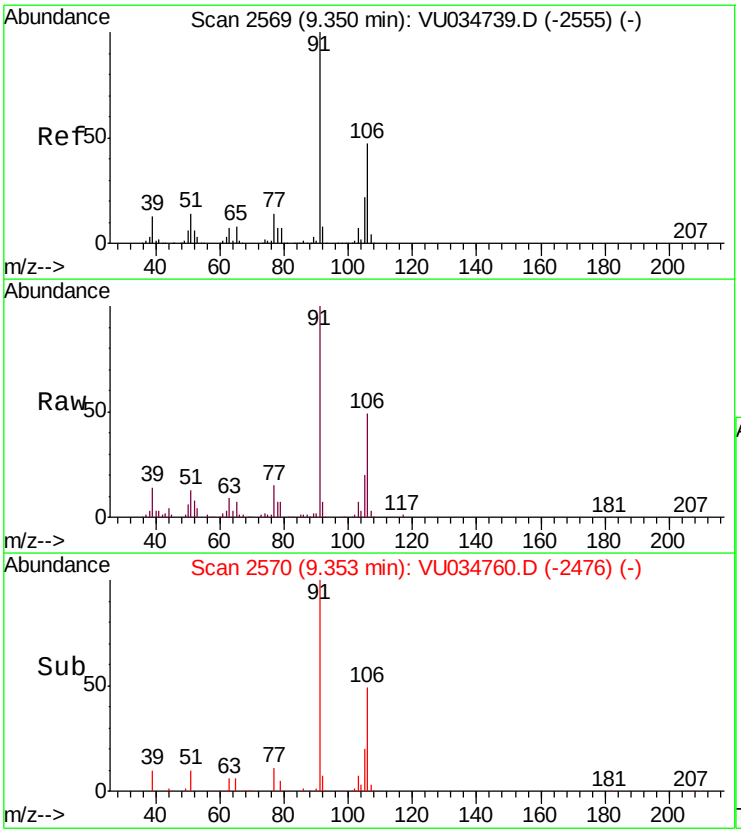
#52
Ethylbenzene
Concen: 1.211 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. 0.01 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Instrument : MSVOA_U
ClientSampleId : BFDE8

Tgt Ion: 91 Resp: 24154

Ion	Ratio	Lower	Upper
91	100		
106	30.1	20.6	38.4

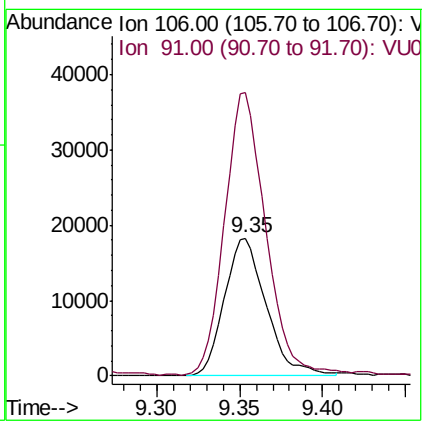


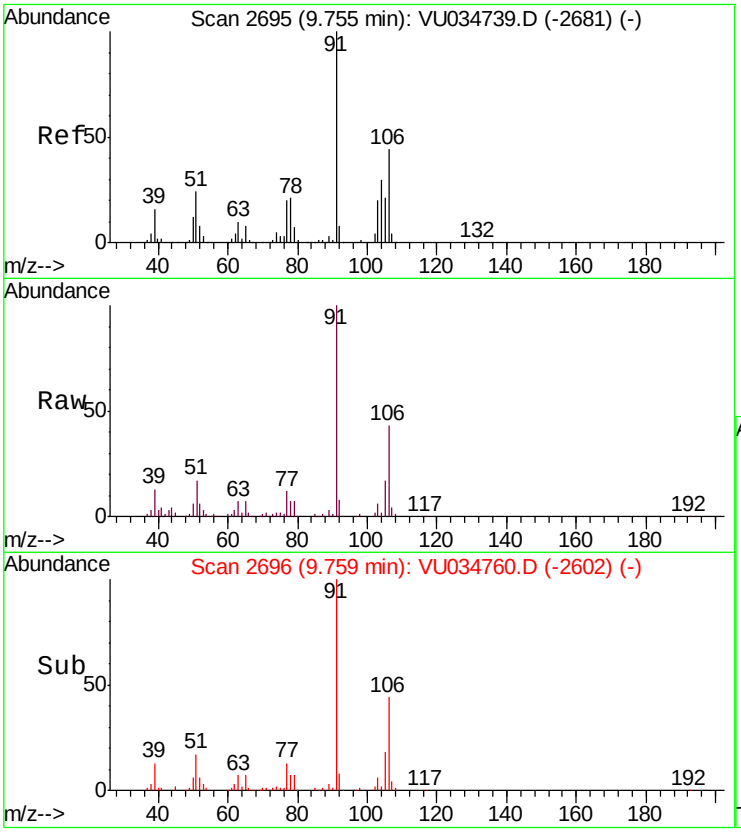


#53
m,p-Xylene
Concen: 4.543 ug/L
RT: 9.35 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Tgt Ion:106 Resp: 32083

Ion	Ratio	Lower	Upper
106	100		
91	205.8	146.9	272.7



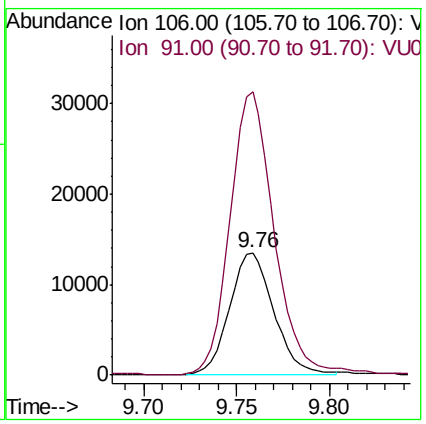


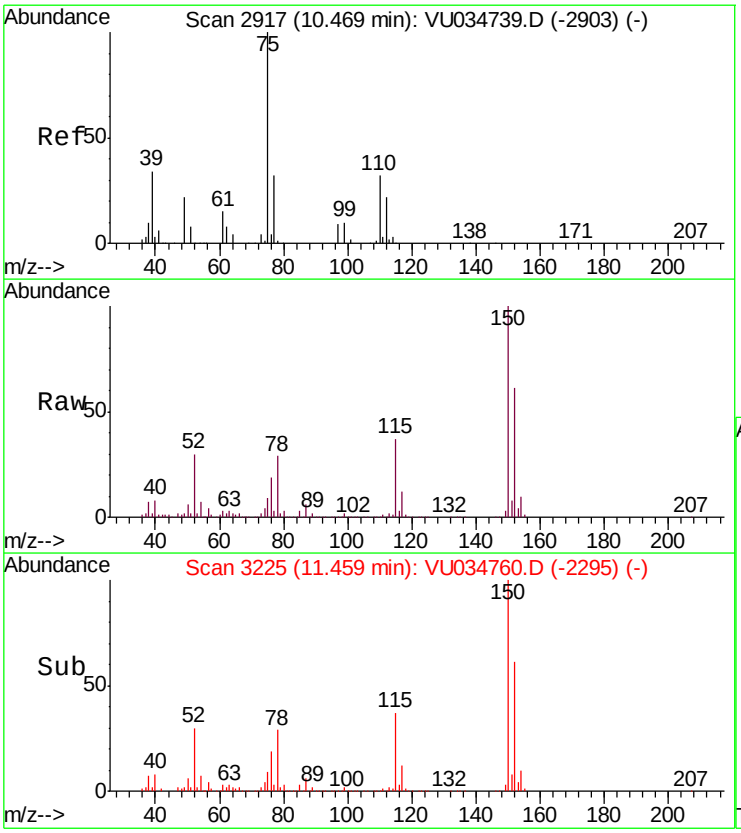
#54
o-xylene
Concen: 3.241 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Instrument :
MSVOA_U
ClientSampleId :
BFDE8

Tgt Ion:106 Resp: 22639

Ion	Ratio	Lower	Upper
106	100		
91	231.1	155.6	289.0

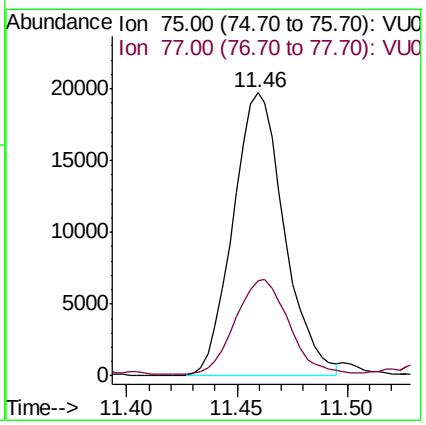


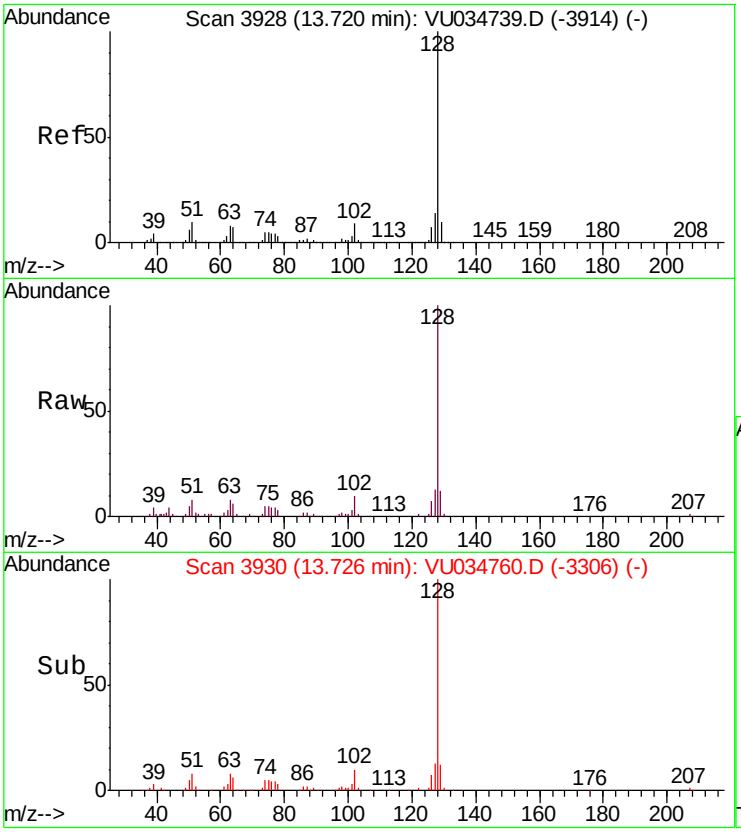


#59
1,2,3-Trichloropropane
Concen: 5.252 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Tgt Ion: 75 Resp: 32004

Ion	Ratio	Lower	Upper
75	100		
77	35.4	24.6	37.0





#69
Naphthalene
Concen: 6.101 ug/L
RT: 13.73 min Scan# 3930
Delta R.T. 0.01 min
Lab File: VU034760.D
Acq: 24 Sep 2019 02:00

Instrument :
MSVOA_U
ClientSampleId :
BFDE8

Tgt Ion:128 Resp: 84462

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.8	16.2
129	9.9	8.6	12.8