Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021119\

Quantitation Report (Not Reviewed)

Data File : VU029405.D
Acq On : 11 Feb 2019 18:44
Operator : JC/SP
Sample : K1436-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESX99

Quant Time: Feb 12 01:24:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	213530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	196437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105694	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	70485	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	1.68	69	61191	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.27	63	112105	3.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.80%			
20) 2-Butanone-d5	4.19	46	135073	47.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.18%			
24) Chloroform-d	4.65	84	113233	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.31	65	57244	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.34	84	240349	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.33	67	70521	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.56	98	230946	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	7.85	79	29648	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	8.31	63	140116	49.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.50%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56815	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	98397	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
8) Chloroethane	1.78	64	2013	0.177	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1158	0.070	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1407	0.090	ug/L #	1
13) Acetone	2.32	43	8563	3.770	ug/L	84
35) Methylcyclohexane	6.33	83	16893	0.686	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	7878	0.618	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1958	0.095	ug/L #	65
42) Toluene	7.64	91	1951	0.034	ug/L	90
48) 2-Hexanone	8.37	43	2067	0.414	ug/L #	77
52) Ethylbenzene	9.25	91	2520	0.038	ug/L	94
53) m,p-xylene	9.38	106	5288	0.202	ug/L	95
54) o-xylene	9.78	106	1702	0.067	ug/L	79
59) 1,2,3-Trichloropropane	11.48	75	10928	1.350	ug/L #	88

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

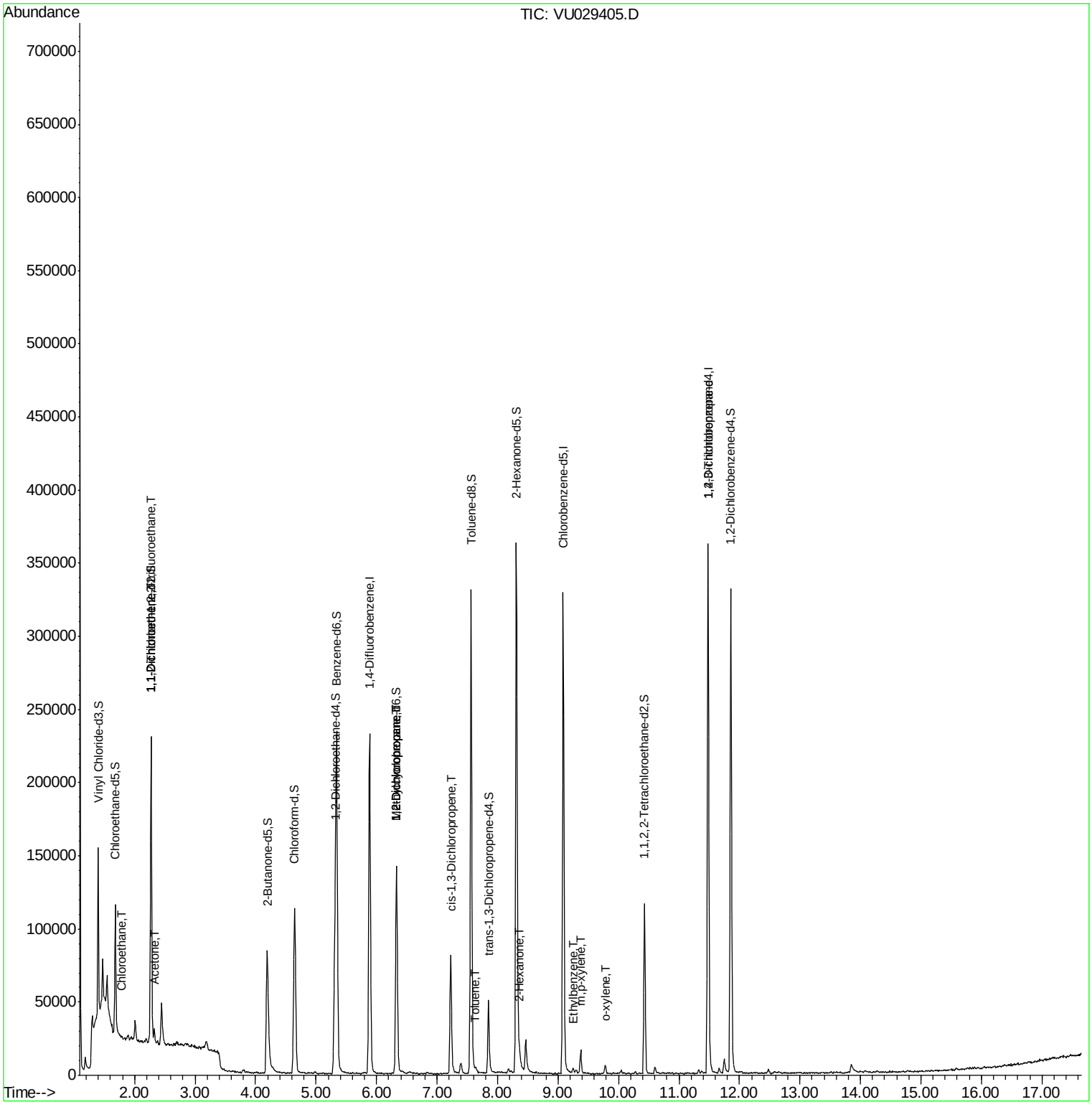
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021119\

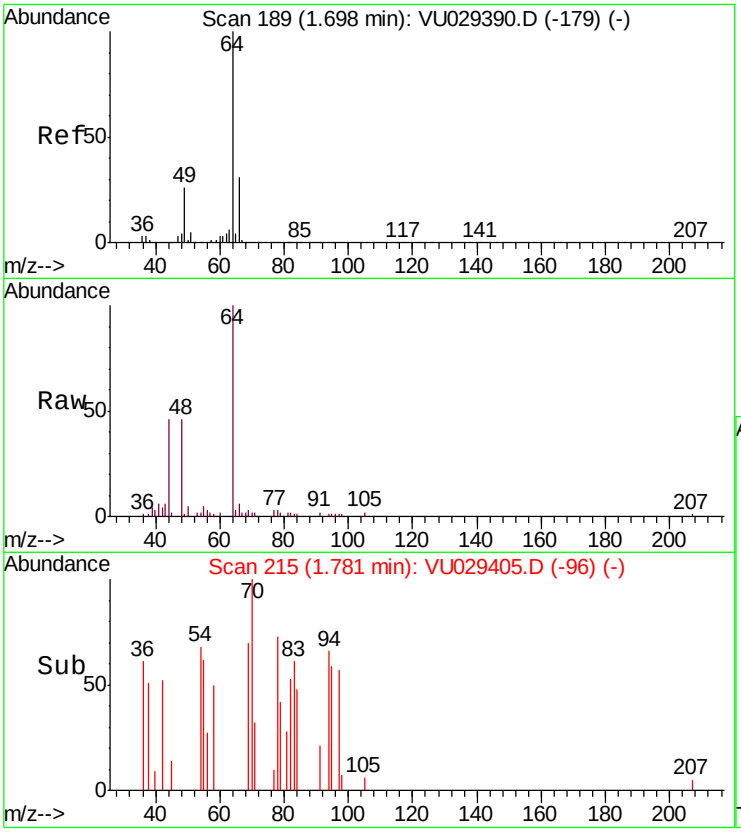
Quantitation Report (Not Reviewed)

Data File : VU029405.D
Acq On : 11 Feb 2019 18:44
Operator : JC/SP
Sample : K1436-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESX99

Quant Time: Feb 12 01:24:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration



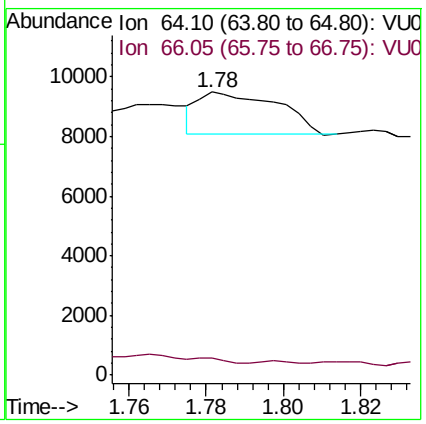


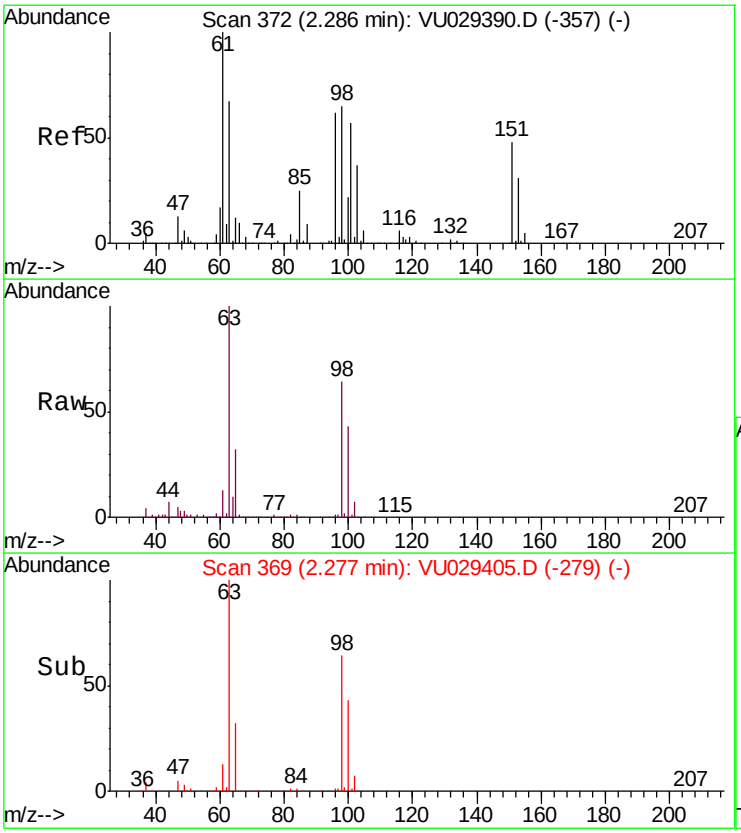
#8
Chloroethane
Concen: 0.177 ug/L
RT: 1.78 min Scan# 215
Delta R.T. 0.08 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
ESX99

Tgt Ion: 64 Resp: 2013

Ion	Ratio	Lower	Upper
64	100		
66	5.9	21.8	40.4#

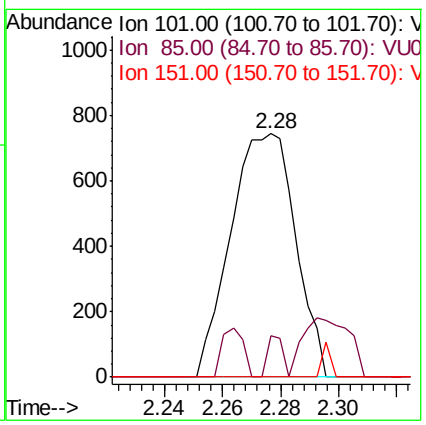


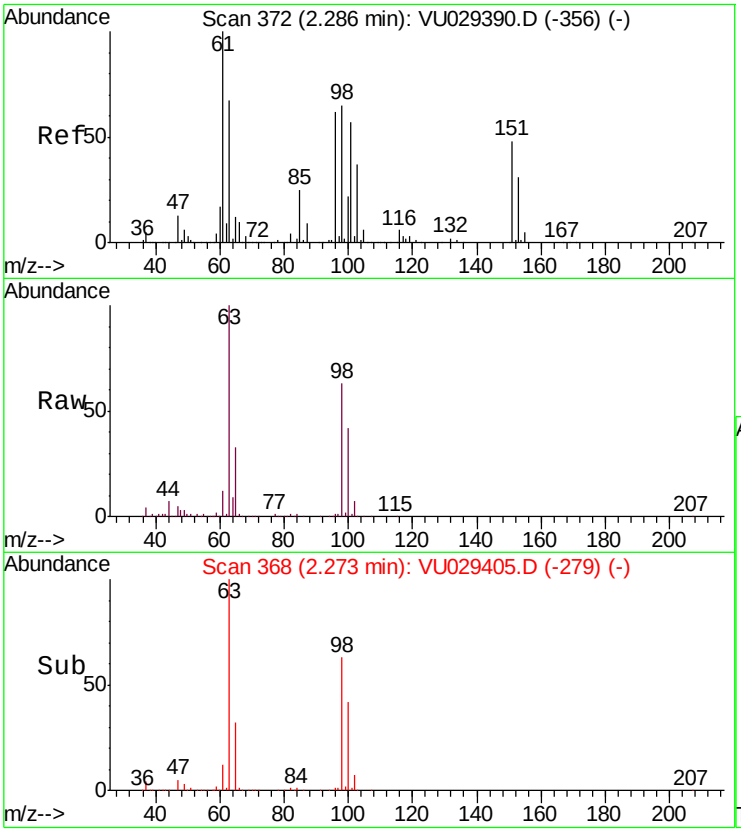


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.070 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Tgt Ion:101 Resp: 1158

Ion	Ratio	Lower	Upper
101	100		
85	4.1	34.9	52.3#
151	0.0	67.0	100.4#



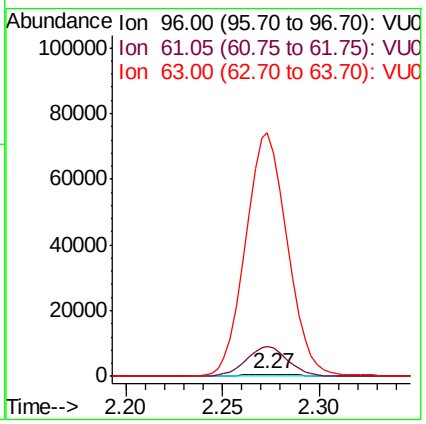


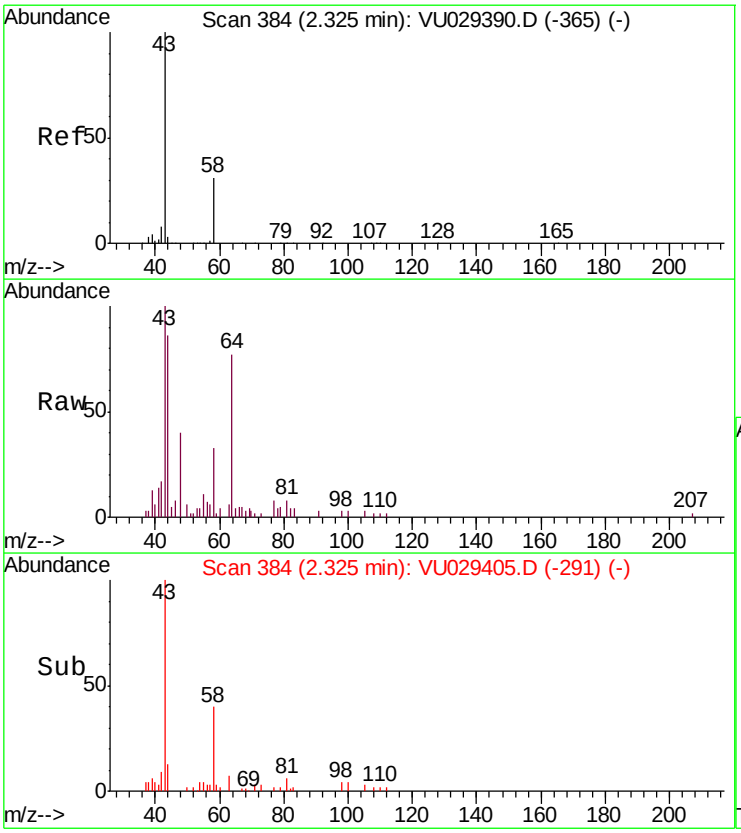
#12
1,1-Dichloroethene
Concen: 0.090 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
ESX99

Tgt Ion: 96 Resp: 1407

Ion	Ratio	Lower	Upper
96	100		
61	1444.5	112.4	208.8#
63	11687.1	75.5	140.3#

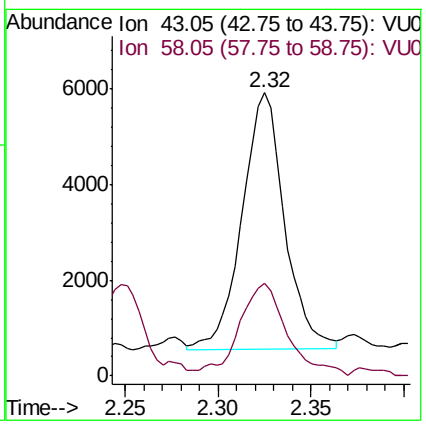


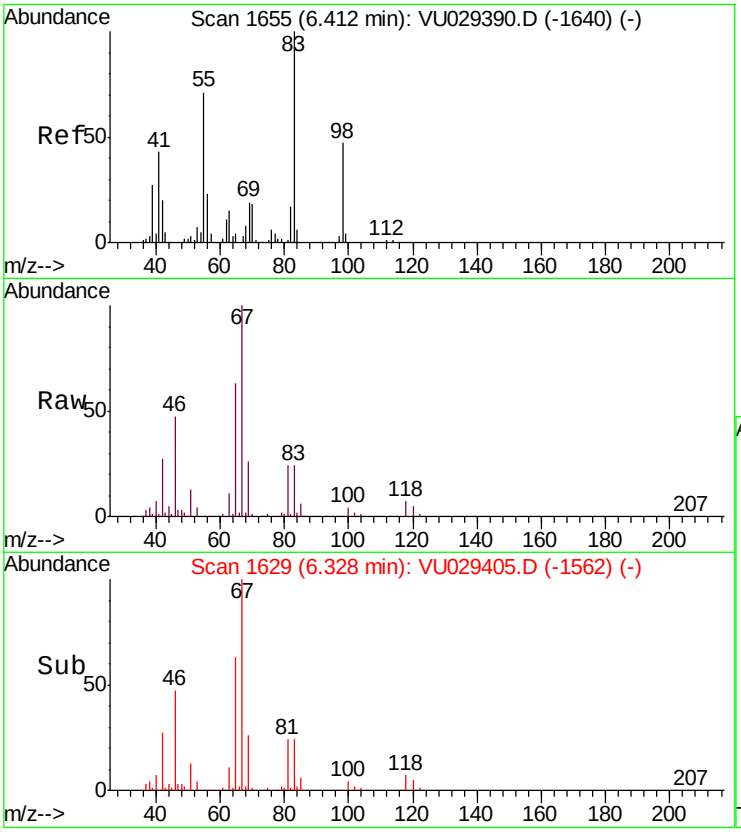


#13
Acetone
Concen: 3.770 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.00 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Tgt Ion: 43 Resp: 8563

Ion	Ratio	Lower	Upper
43	100		
58	40.9	0.0	64.2



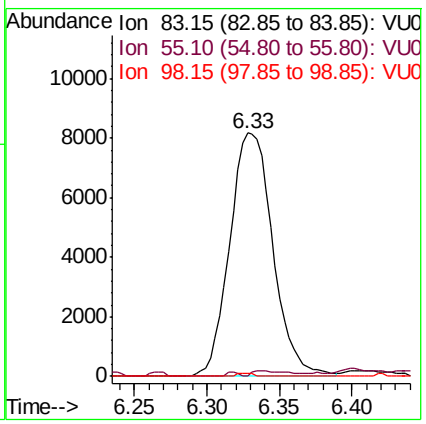


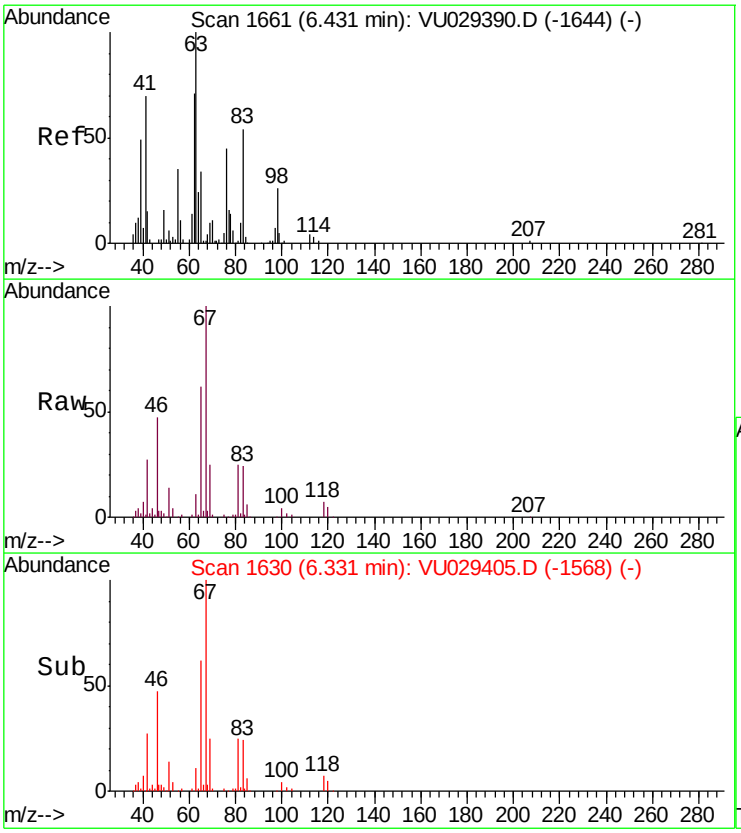
#35
Methylcyclohexane
Concen: 0.686 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
ESX99

Tgt Ion: 83 Resp: 16893

Ion	Ratio	Lower	Upper
83	100		
55	1.1	55.3	82.9#
98	0.5	37.9	56.9#

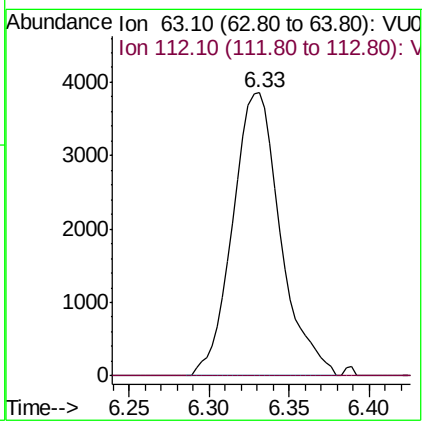


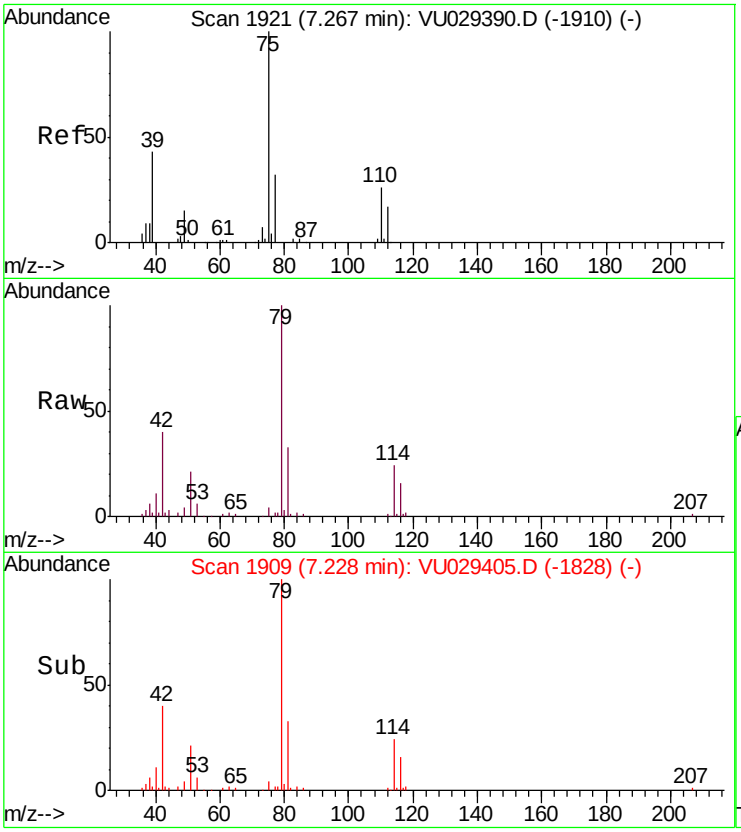


#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Tgt Ion: 63 Resp: 7878

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



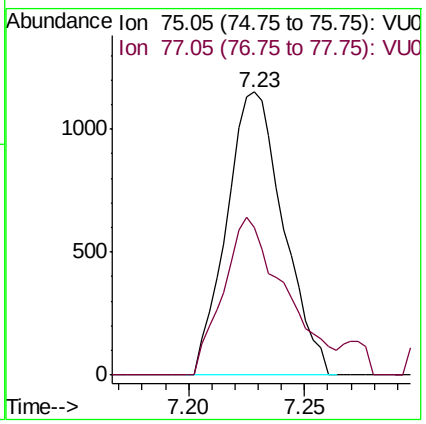


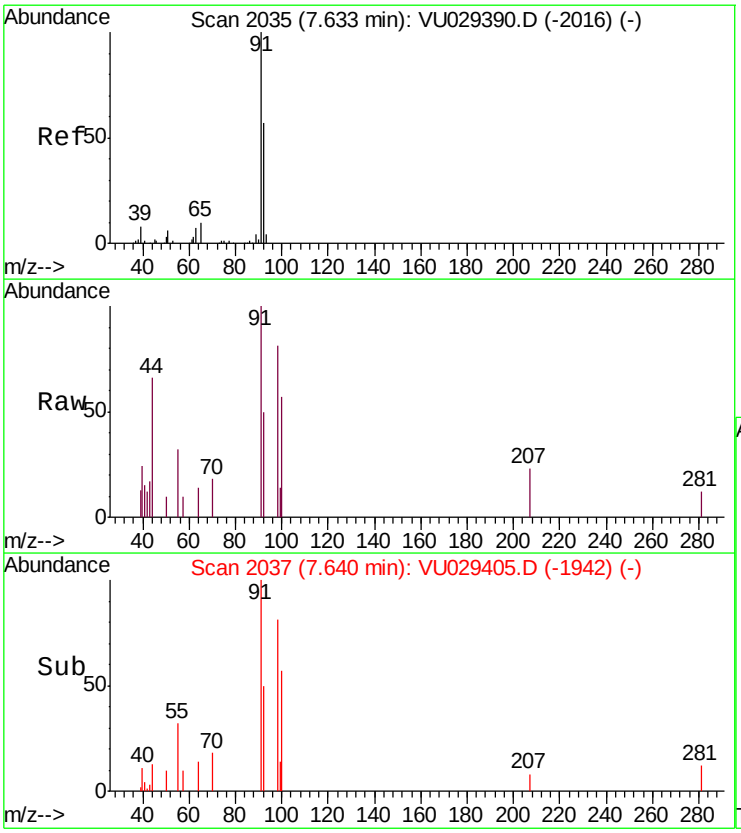
#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
ESX99

Tgt Ion: 75 Resp: 1958

Ion	Ratio	Lower	Upper
75	100		
77	52.3	22.9	42.5#

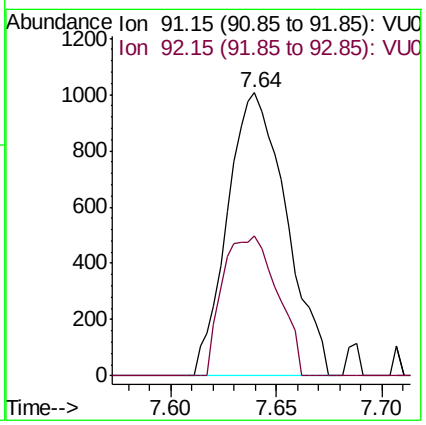


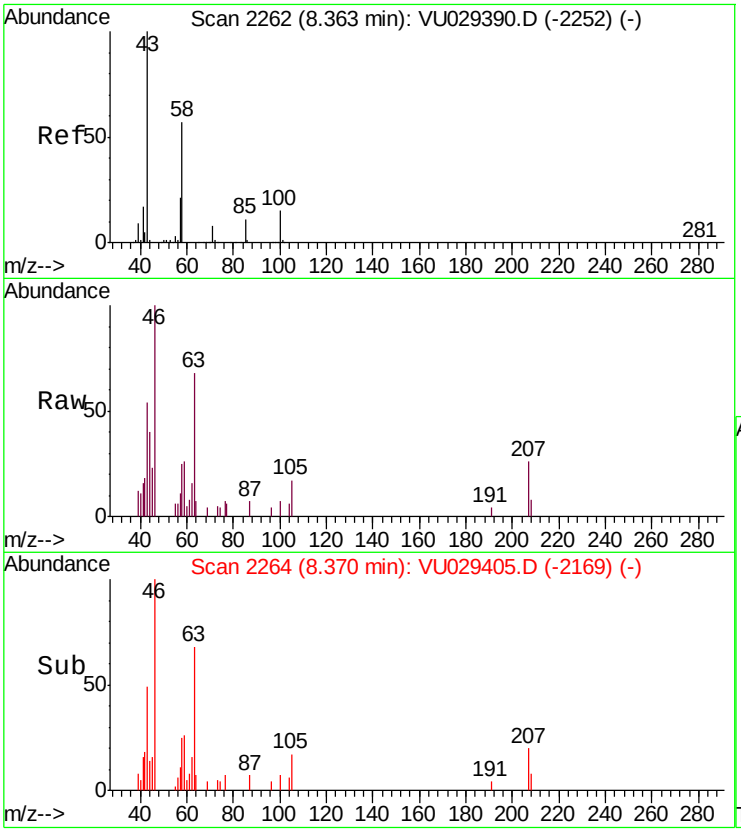


#42
Toluene
Concen: 0.034 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Tgt Ion: 91 Resp: 1951

Ion	Ratio	Lower	Upper
91	100		
92	49.6	39.7	73.7



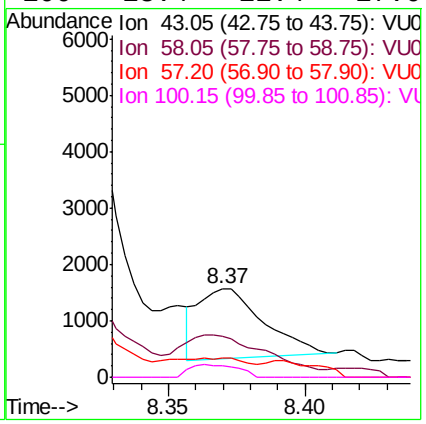


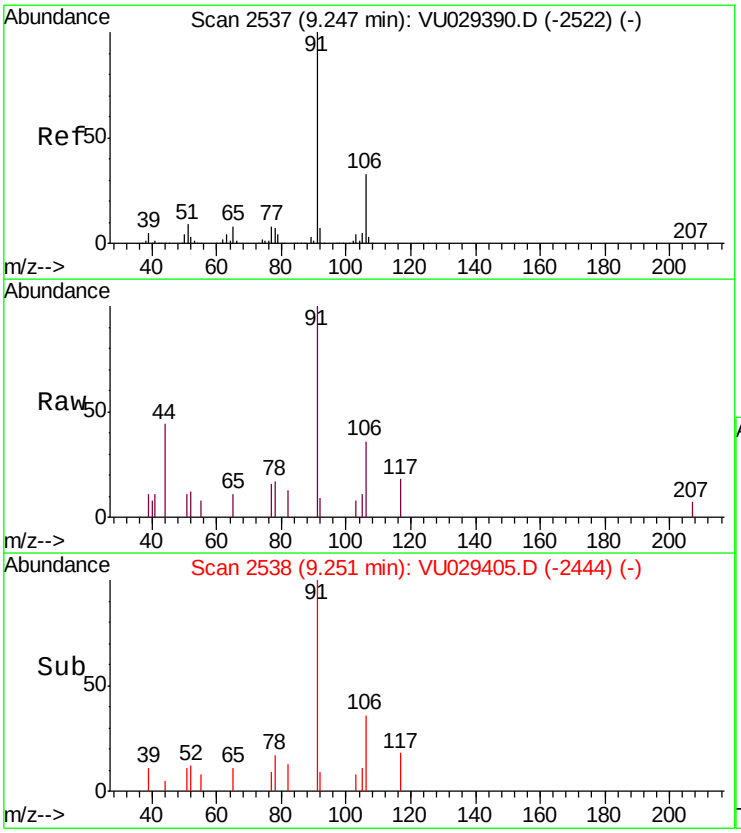
#48
2-Hexanone
Concen: 0.414 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Instrument : MSVOA_U
ClientSampleId : ESX99

Tgt Ion: 43 Resp: 2067

Ion	Ratio	Lower	Upper
43	100		
58	83.3	45.8	68.6#
57	19.0	16.4	24.6
100	13.4	11.4	17.0

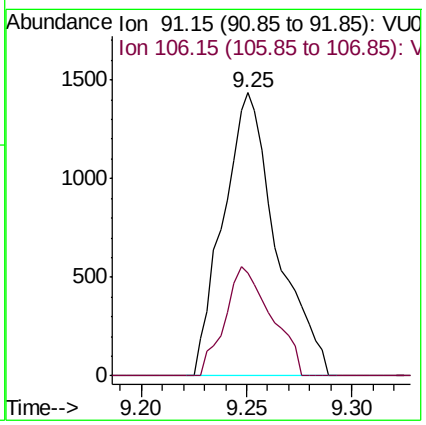


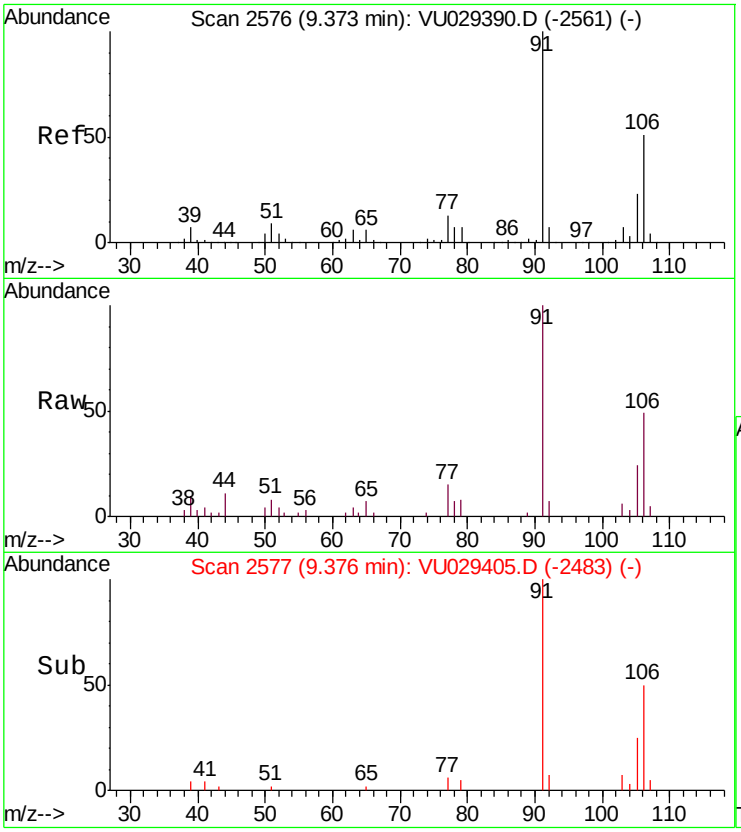


#52
Ethylbenzene
Concen: 0.038 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Tgt Ion: 91 Resp: 2520

Ion	Ratio	Lower	Upper
91	100		
106	36.2	23.0	42.8



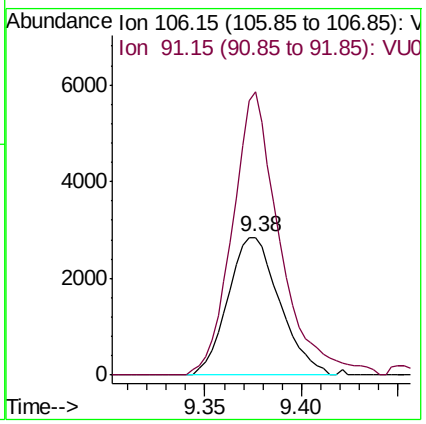


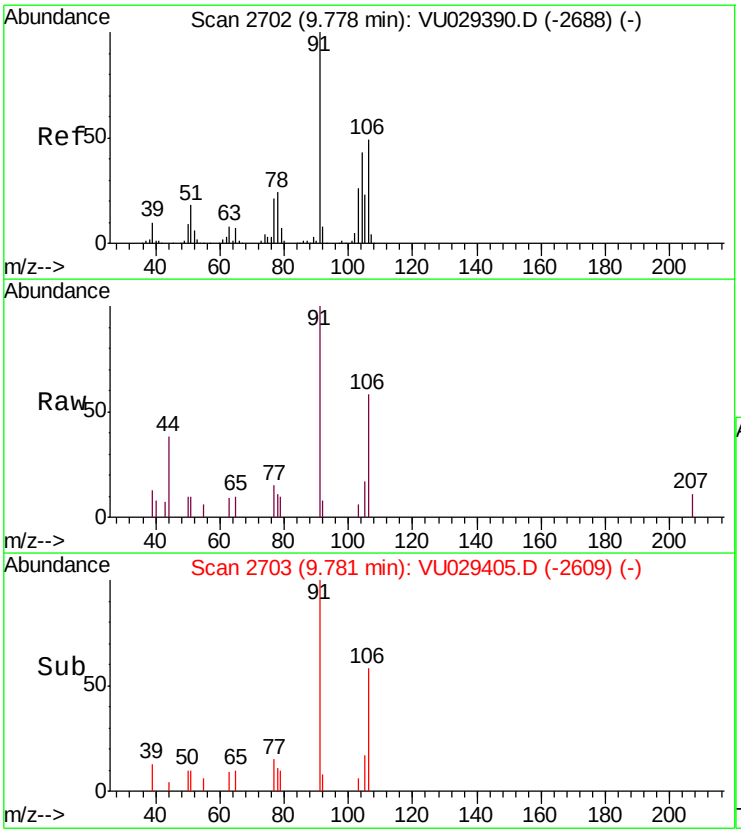
#53
m,p-xylene
Concen: 0.202 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
ESX99

Tgt Ion:106 Resp: 5288

Ion	Ratio	Lower	Upper
106	100		
91	205.5	138.4	257.0

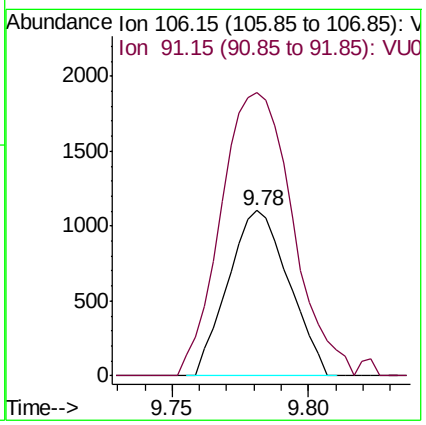


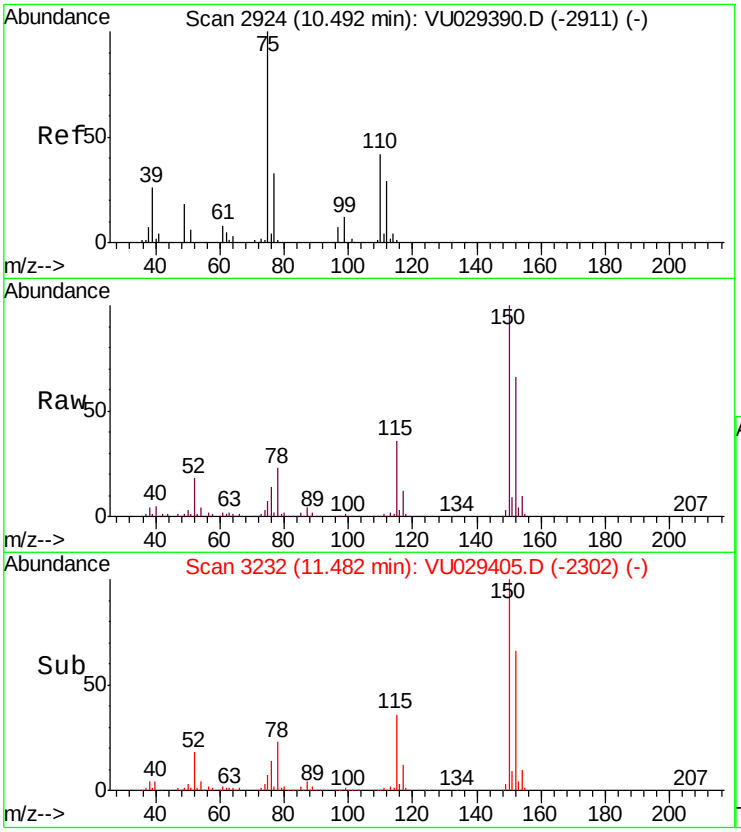


#54
o-xylene
Concen: 0.067 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.00 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Tgt Ion:106 Resp: 1702

Ion	Ratio	Lower	Upper
106	100		
91	171.1	142.4	264.4





#59
1,2,3-Trichloropropane
Concen: 1.350 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029405.D
Acq: 11 Feb 2019 18:44

Instrument :
MSVOA_U
ClientSampleId :
ESX99

Tgt Ion: 75 Resp: 10928

Ion	Ratio	Lower	Upper
75	100		
77	39.1	25.8	38.6#