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

Quantitation Report (Not Reviewed)

Data File : VU029403.D
Acq On : 11 Feb 2019 17:57
Operator : JC/SP
Sample : K1436-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESX97

Quant Time: Feb 12 01:24:24 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	213134	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	199344	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106515	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	71479	4.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.60%			
7) Chloroethane-d5	1.68	69	61704	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.27	63	115664	3.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.20%			
20) 2-Butanone-d5	4.19	46	147392	52.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.04%			
24) Chloroform-d	4.65	84	116980	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.31	65	61788	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.34	84	251787	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
36) 1,2-Dichloropropane-d6	6.33	67	73370	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.56	98	239807	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	7.85	79	32399	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%			
46) 2-Hexanone-d5	8.31	63	148019	51.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59829	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	101671	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	6010	0.329	ug/L #	1
8) Chloroethane	1.68	64	1378	0.121	ug/L #	63
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1161	0.070	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1441	0.092	ug/L #	1
13) Acetone	2.32	43	4922	2.171	ug/L	83
18) trans-1,2-Dichloroethene	2.97	96	1066	0.063	ug/L	74
22) cis-1,2-Dichloroethene	4.22	96	28990	1.902	ug/L	95
35) Methylcyclohexane	6.33	83	17716	0.709	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	7850	0.607	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1111	0.053	ug/L #	82
48) 2-Hexanone	8.37	43	3220	0.636	ug/L #	86
52) Ethylbenzene	9.38	91	3870	0.058	ug/L	88
53) m,p-xylene	9.37	106	1880	0.071	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	10837	1.320	ug/L #	87

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

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

Quantitation Report (Not Reviewed)

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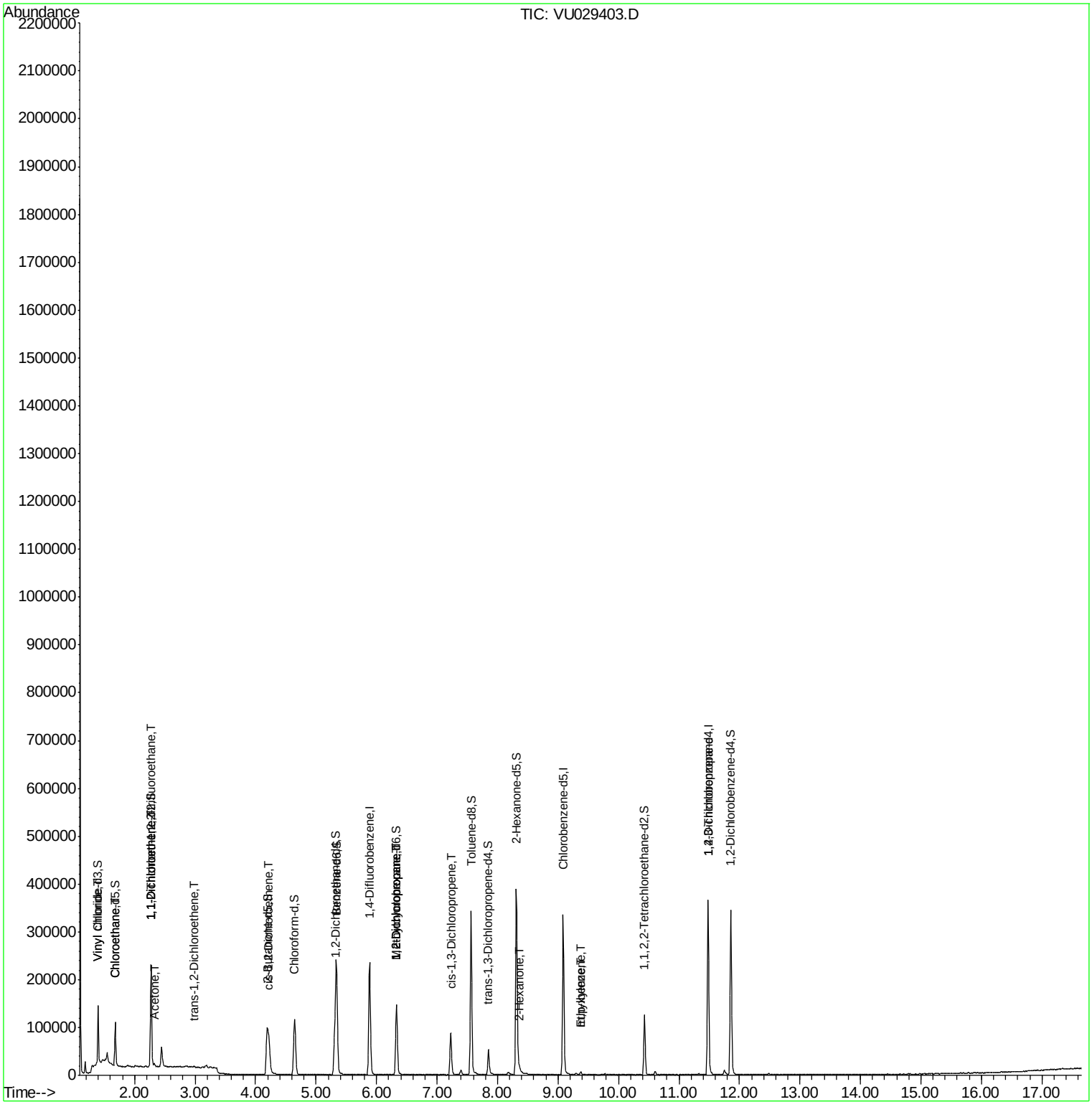
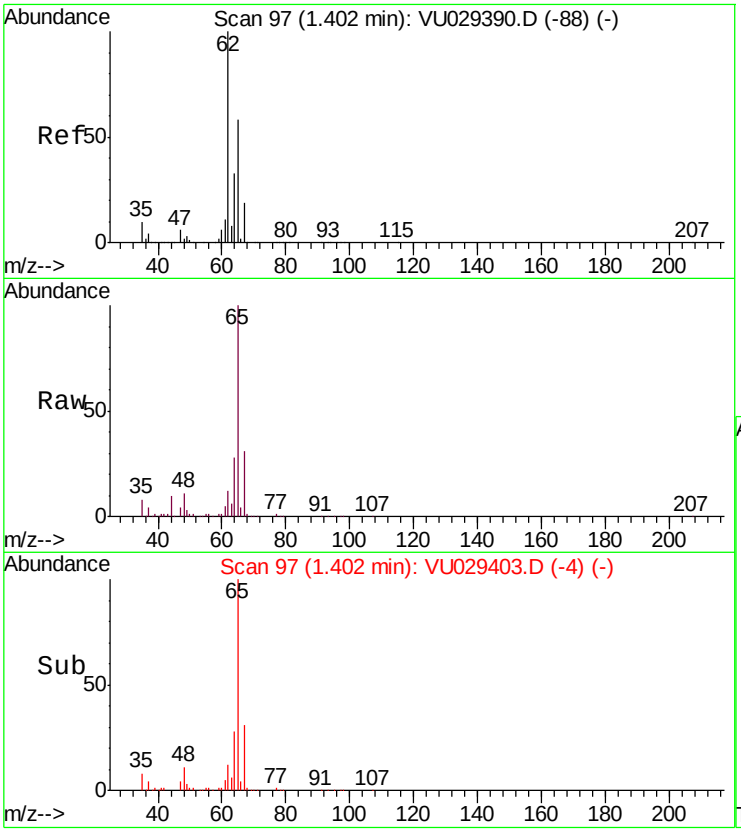
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration



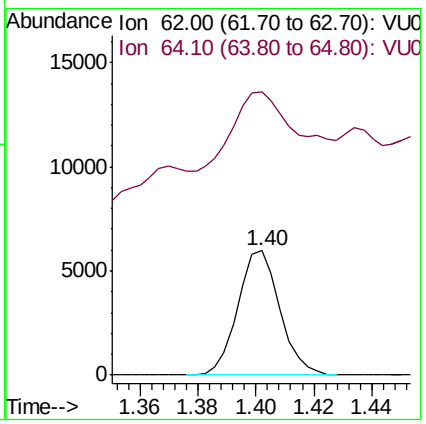


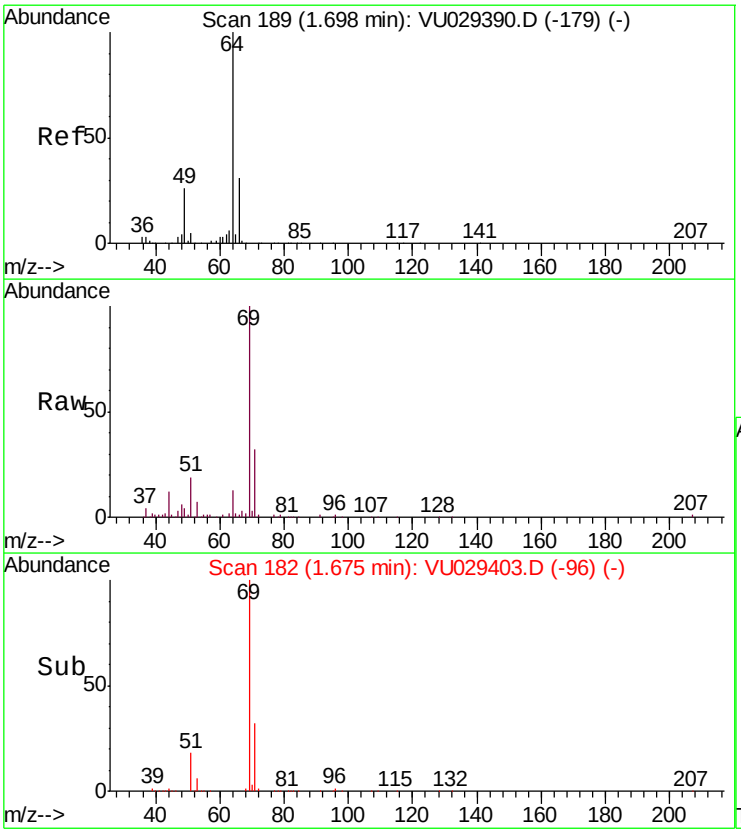
#5
Vinyl chloride
Concen: 0.329 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Instrument :
MSVOA_U
ClientSampleId :
ESX97

Tgt Ion: 62 Resp: 6010

Ion	Ratio	Lower	Upper
62	100		
64	227.1	23.0	42.6#

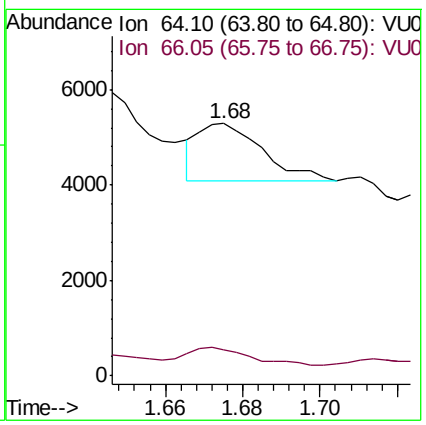


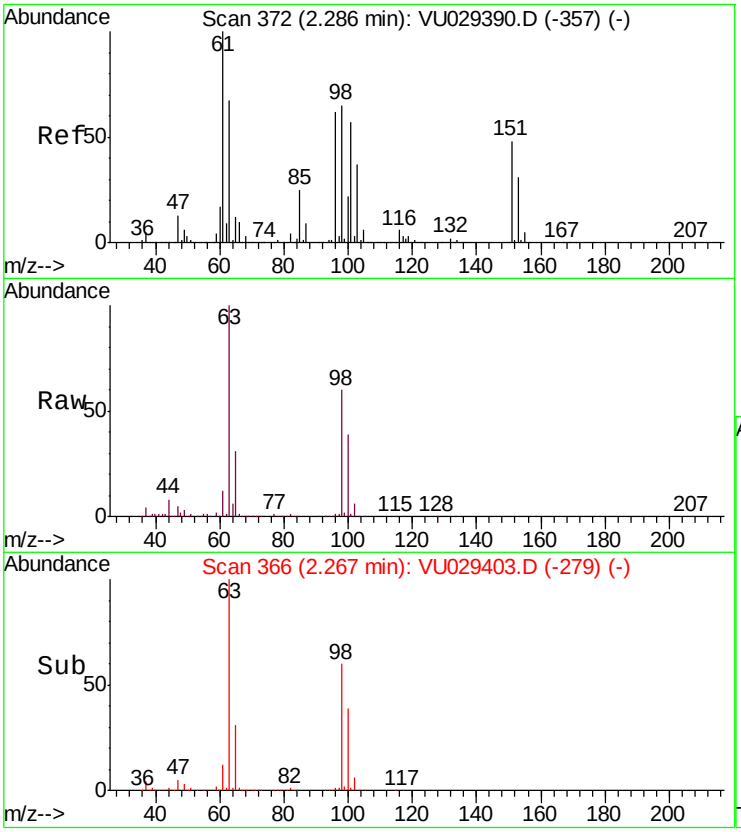


#8
Chloroethane
Concen: 0.121 ug/L
RT: 1.68 min Scan# 182
Delta R.T. -0.02 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Tgt Ion: 64 Resp: 1378

Ion	Ratio	Lower	Upper
64	100		
66	10.5	21.8	40.4#



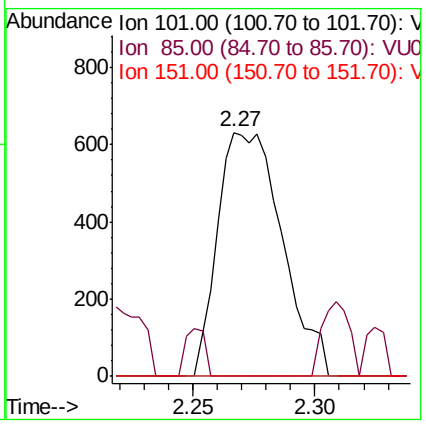


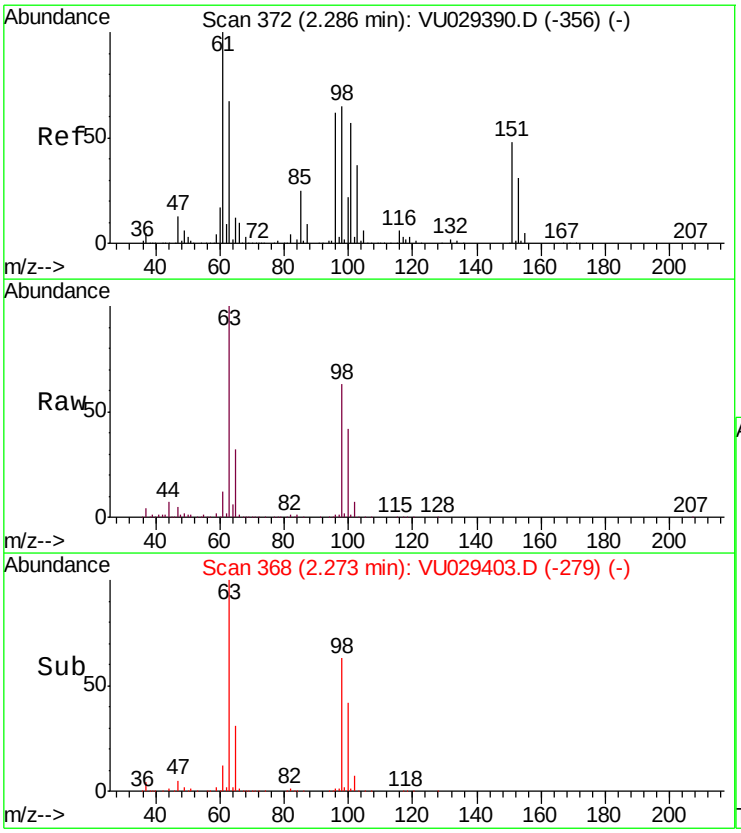
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.070 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Instrument :
MSVOA_U
ClientSampleId :
ESX97

Tgt Ion:101 Resp: 1161

Ion	Ratio	Lower	Upper
101	100		
85	5.7	34.9	52.3#
151	0.0	67.0	100.4#

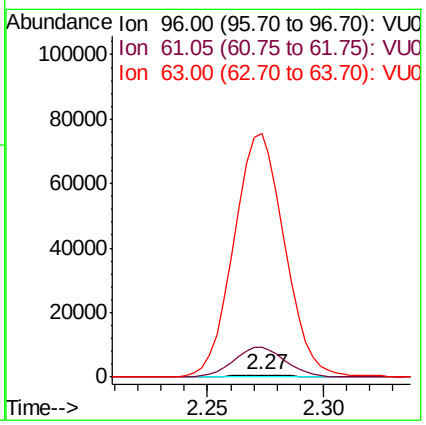


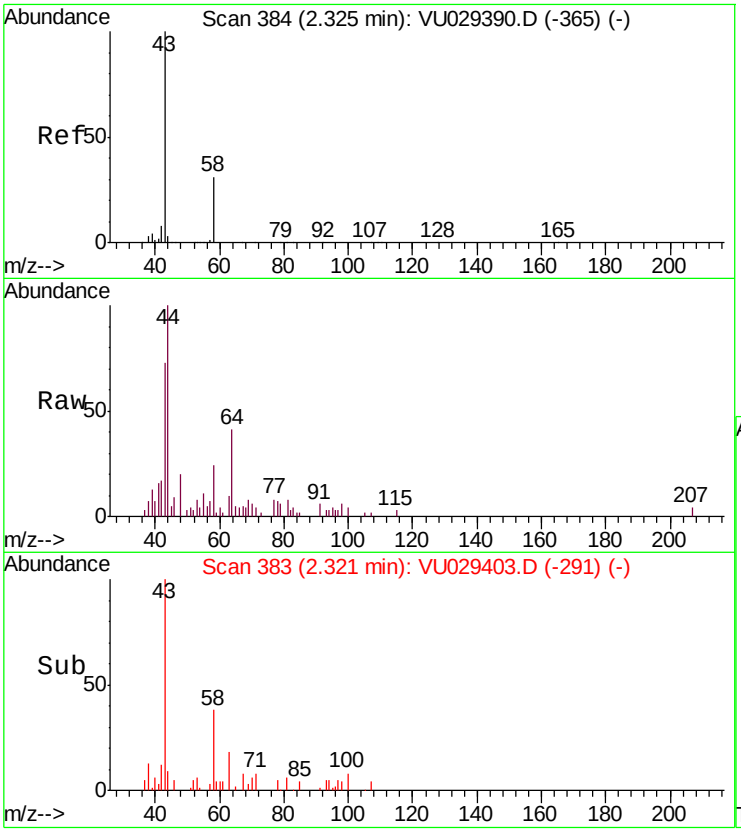


#12
1,1-Dichloroethene
Concen: 0.092 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Tgt Ion: 96 Resp: 1441

Ion	Ratio	Lower	Upper
96	100		
61	1303.4	112.4	208.8#
63	10561.1	75.5	140.3#



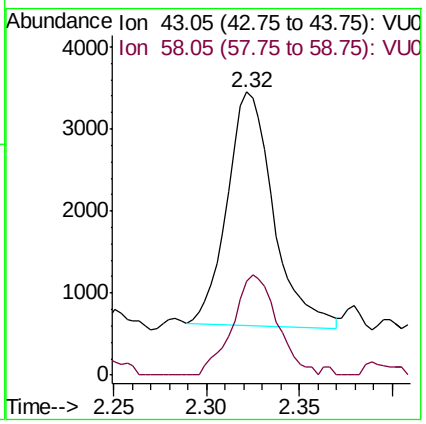


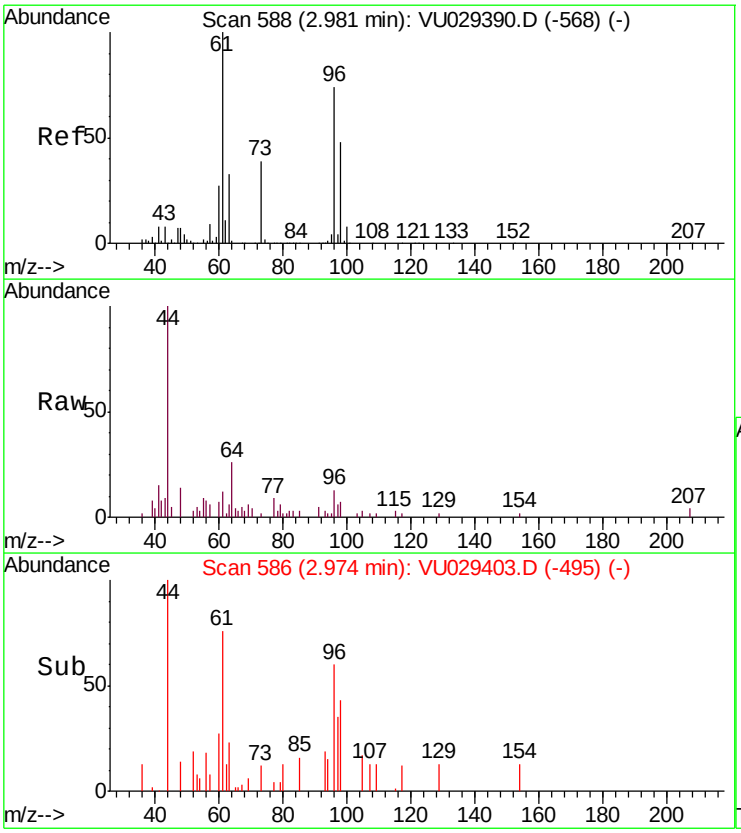
#13
Acetone
Concen: 2.171 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Instrument :
MSVOA_U
ClientSampleId :
ESX97

Tgt Ion: 43 Resp: 4922

Ion	Ratio	Lower	Upper
43	100		
58	41.6	0.0	64.2

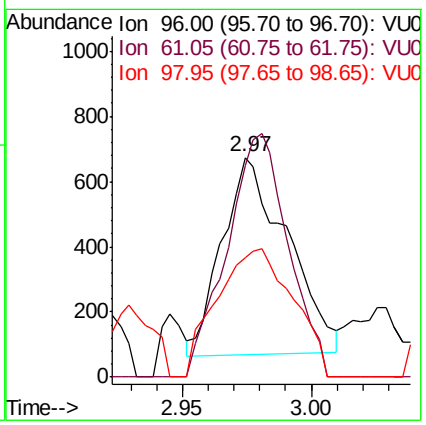


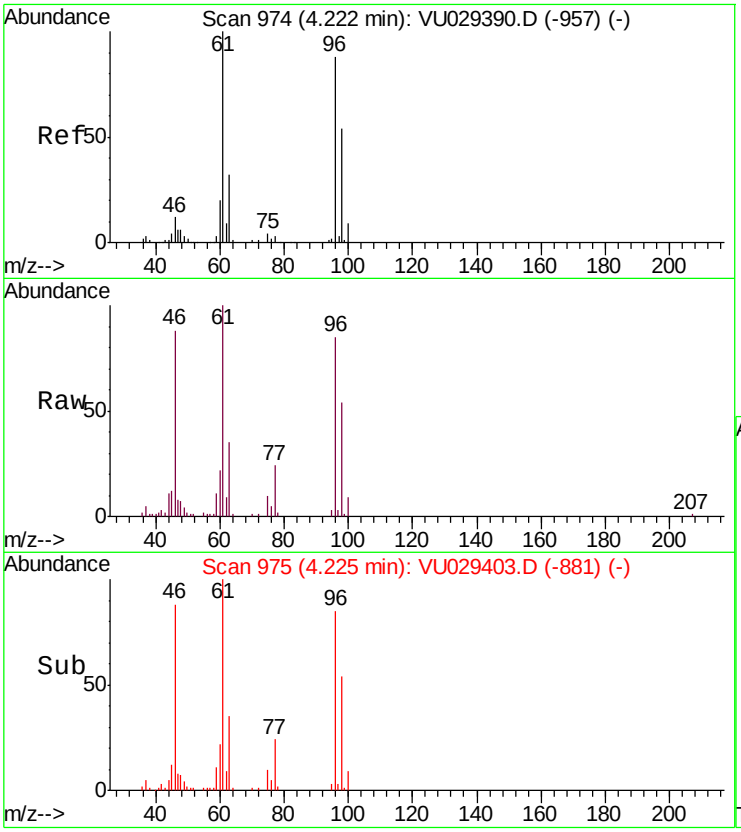


#18
trans-1,2-Dichloroethene
Concen: 0.063 ug/L
RT: 2.97 min Scan# 586
Delta R.T. -0.01 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Tgt Ion: 96 Resp: 1066

Ion	Ratio	Lower	Upper
96	100		
61	96.3	94.8	176.0
98	54.5	45.5	84.5



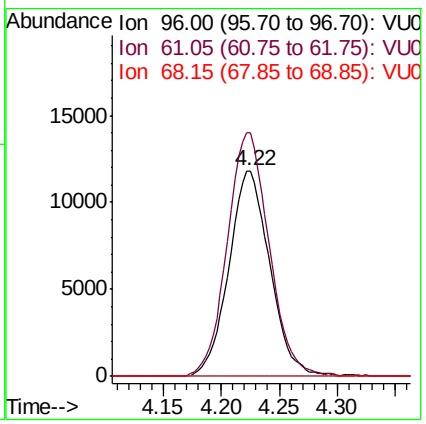


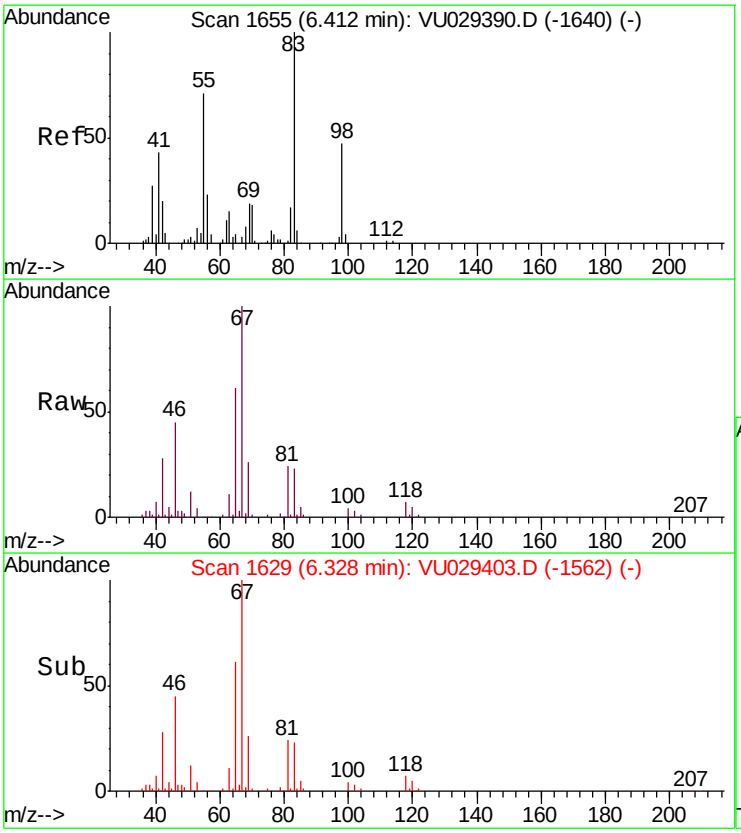
#22
cis-1,2-Dichloroethene
Concen: 1.902 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.00 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Instrument :
MSVOA_U
ClientSampleId :
ESX97

Tgt Ion: 96 Resp: 28990

Ion	Ratio	Lower	Upper
96	100		
61	118.3	79.4	147.4
68	0.0	0.0	0.0

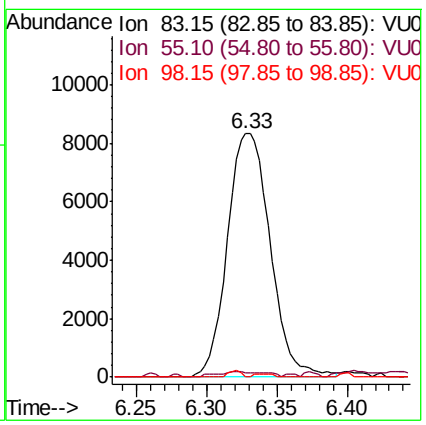


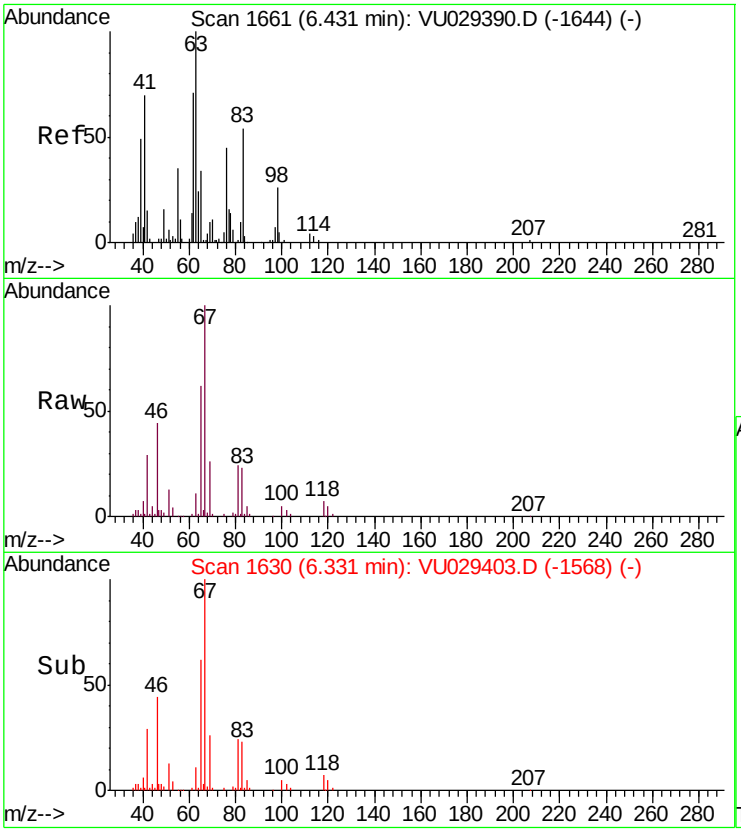


#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Tgt Ion: 83 Resp: 17716

Ion	Ratio	Lower	Upper
83	100		
55	1.4	55.3	82.9#
98	0.8	37.9	56.9#



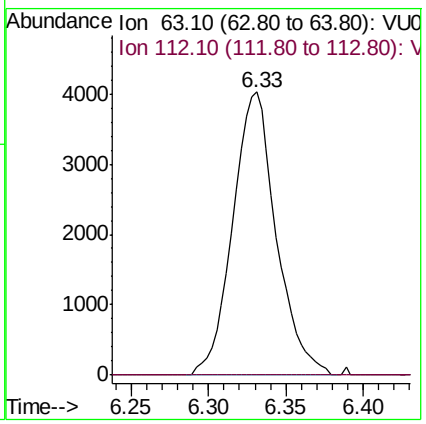


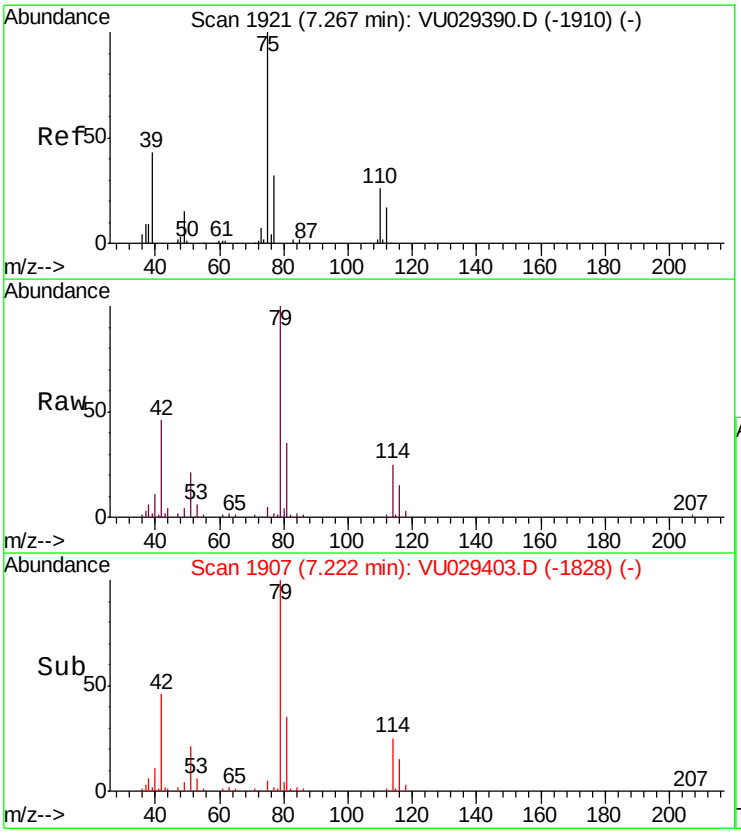
#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Instrument :
MSVOA_U
ClientSampleId :
ESX97

Tgt Ion: 63 Resp: 7850

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

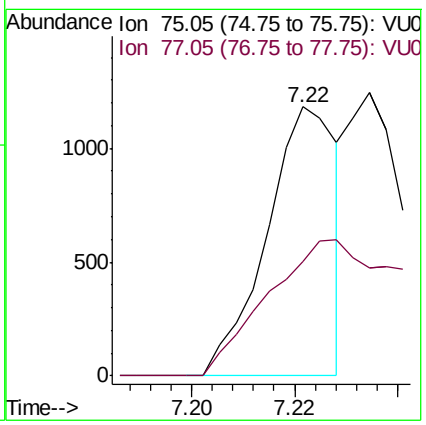


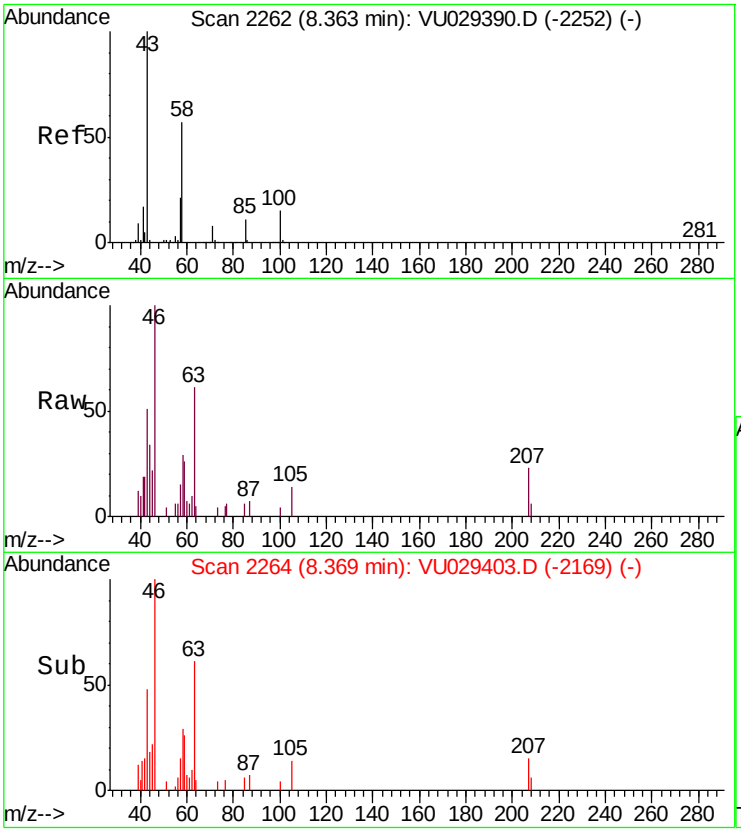


#39
cis-1,3-Dichloropropene
Concen: 0.053 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Tgt Ion: 75 Resp: 1111

Ion	Ratio	Lower	Upper
75	100		
77	42.6	22.9	42.5#



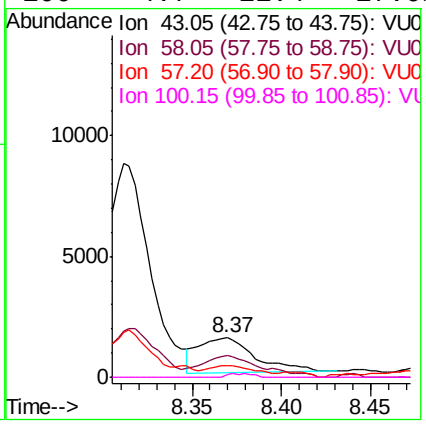


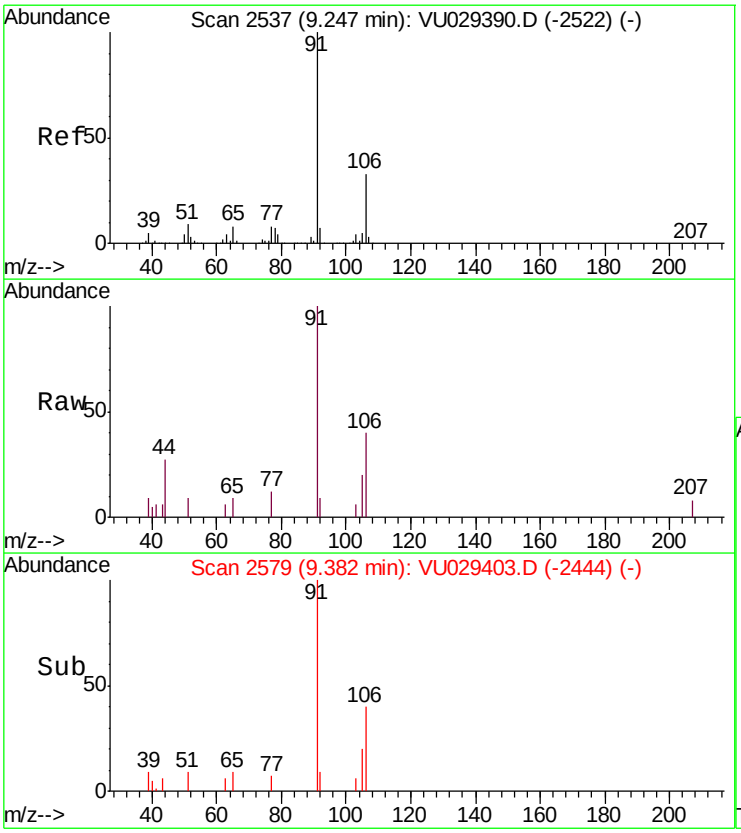
#48
2-Hexanone
Concen: 0.636 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Instrument : MSVOA_U
ClientSampleId : ESX97

Tgt Ion: 43 Resp: 3220

Ion	Ratio	Lower	Upper
43	100		
58	65.2	45.8	68.6
57	28.8	16.4	24.6#
100	4.7	11.4	17.0#

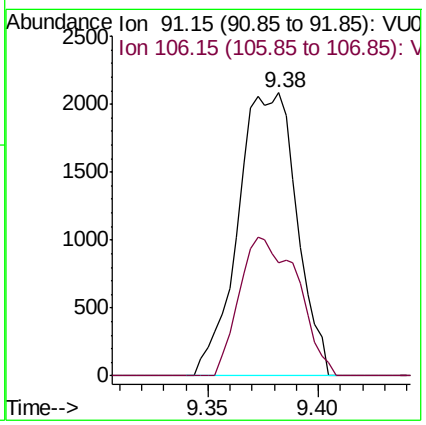


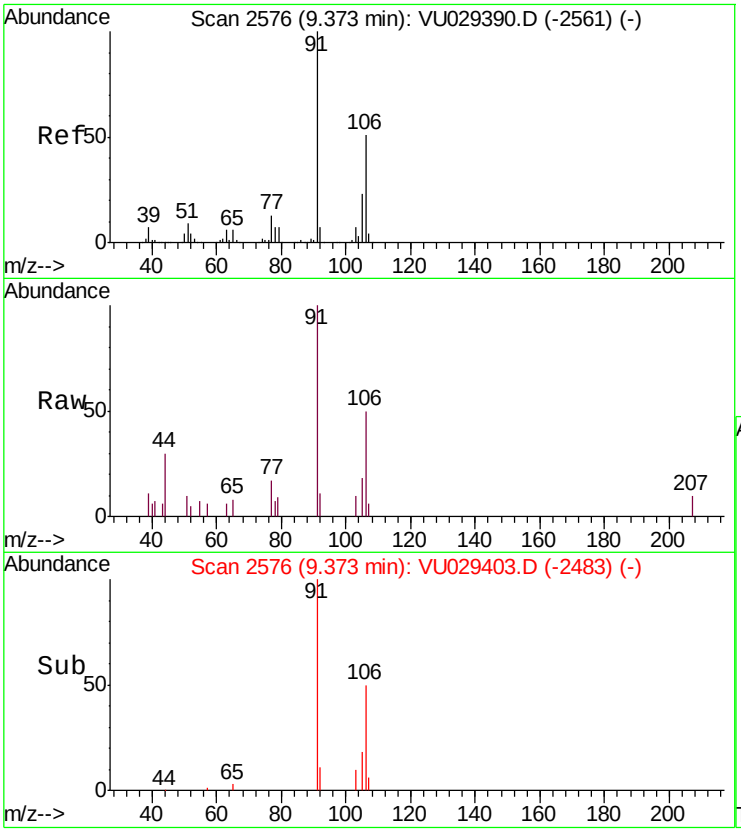


#52
Ethylbenzene
Concen: 0.058 ug/L
RT: 9.38 min Scan# 2579
Delta R.T. 0.13 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Tgt Ion: 91 Resp: 3870

Ion	Ratio	Lower	Upper
91	100		
106	39.9	23.0	42.8



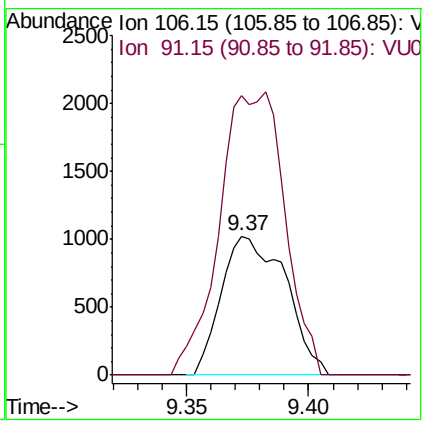


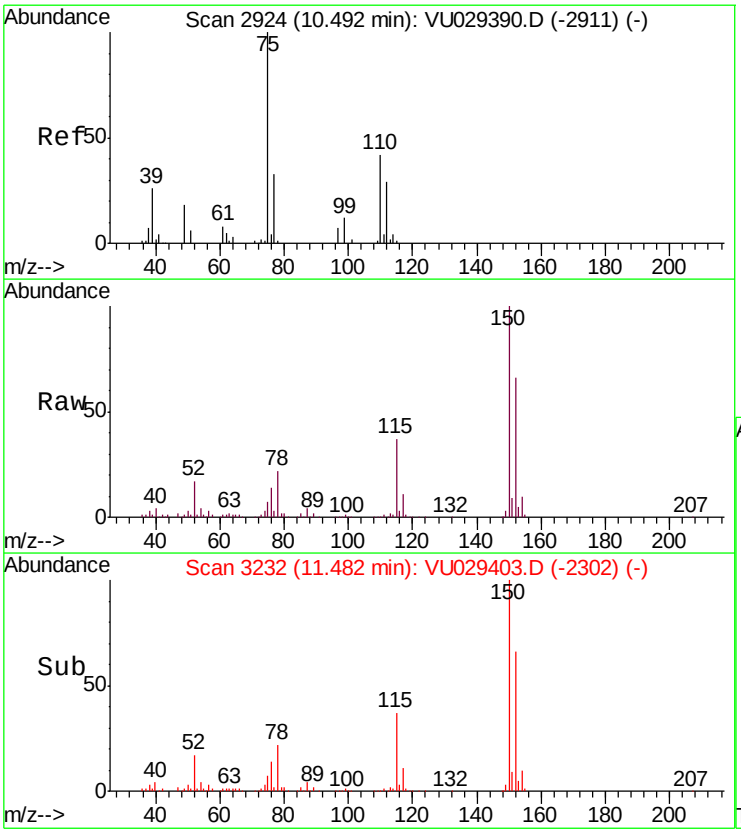
#53
m,p-xylene
Concen: 0.071 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Instrument :
MSVOA_U
ClientSampleId :
ESX97

Tgt Ion:106 Resp: 1880

Ion	Ratio	Lower	Upper
106	100		
91	201.1	138.4	257.0





#59
1,2,3-Trichloropropane
Concen: 1.320 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029403.D
Acq: 11 Feb 2019 17:57

Tgt Ion: 75 Resp: 10837

Ion	Ratio	Lower	Upper
75	100		
77	39.6	25.8	38.6#