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

Quantitation Report (Not Reviewed)

Data File : VU029401.D
Acq On : 11 Feb 2019 17:09
Operator : JC/SP
Sample : K1436-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESX95

Quant Time: Feb 12 01:24:06 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	237871	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	118666	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	72719	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.68	69	62453	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.27	63	118008	3.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.00%			
20) 2-Butanone-d5	4.19	46	148148	46.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.70%			
24) Chloroform-d	4.65	84	117303	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.31	65	60255	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
32) Benzene-d6	5.34	84	247801	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.33	67	72686	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.56	98	241084	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
43) trans-1,3-Dichloropropene-	7.85	79	31821	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
46) 2-Hexanone-d5	8.31	63	153436	47.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.14%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59615	4.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	102938	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
8) Chloroethane	1.70	64	1270	0.100	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1282	0.069	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1373	0.079	ug/L #	1
13) Acetone	2.32	43	4699	1.857	ug/L	94
35) Methylcyclohexane	6.33	83	18244	0.647	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	7473	0.512	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2400	0.102	ug/L #	82
48) 2-Hexanone	8.37	43	4261	0.746	ug/L #	88
53) m,p-xylene	9.38	106	1757	0.059	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	12746	1.375	ug/L #	87

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

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

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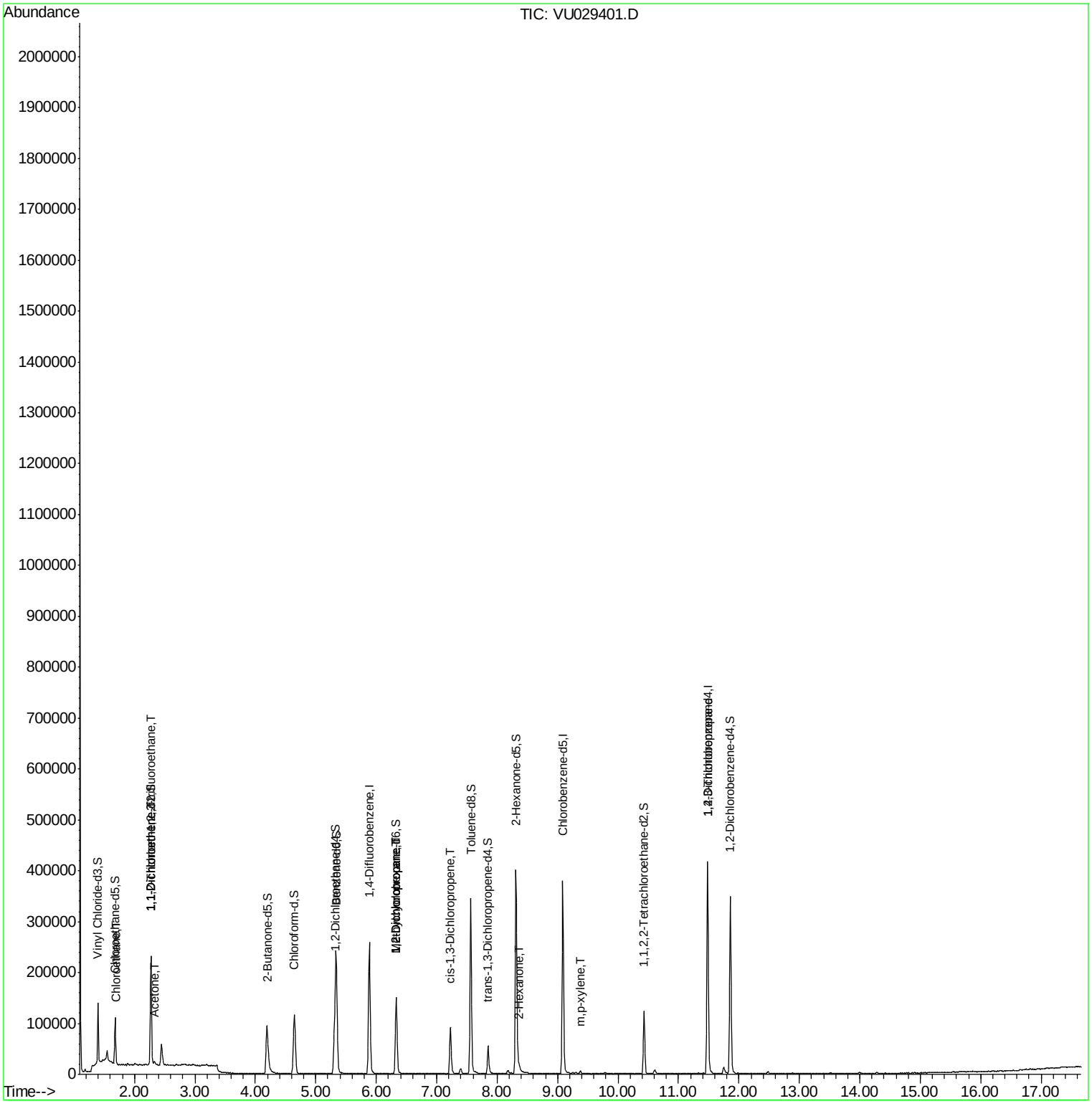
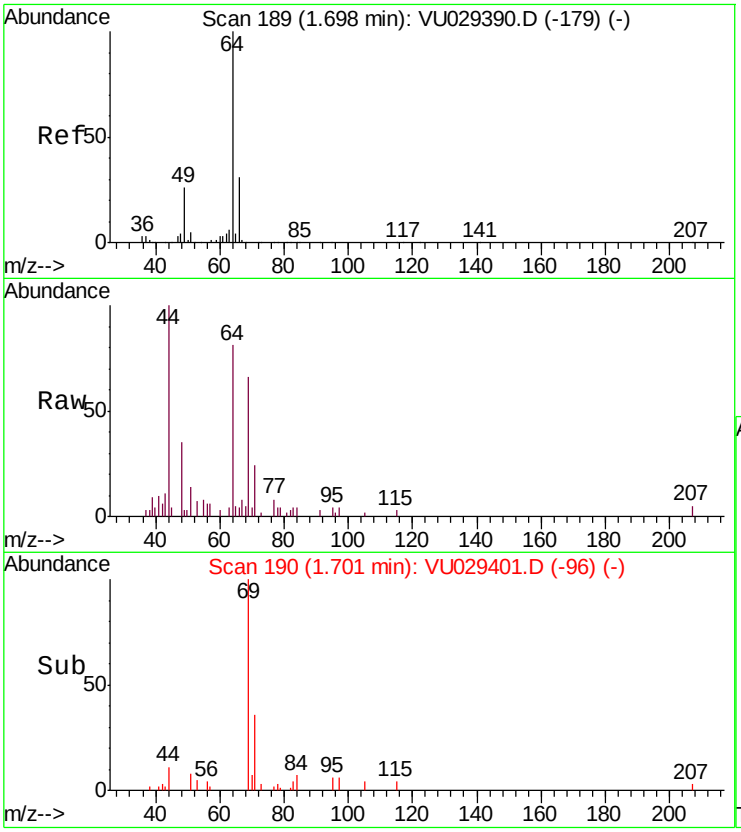
ESX95

Quant Time: Feb 12 01:24:06 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



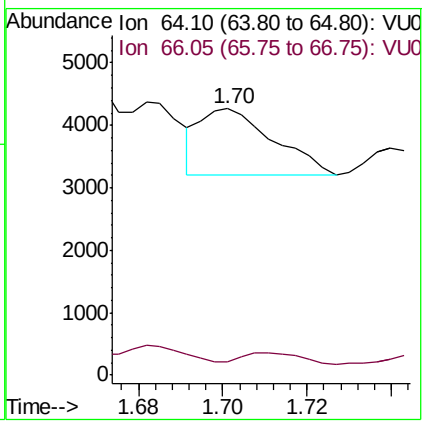


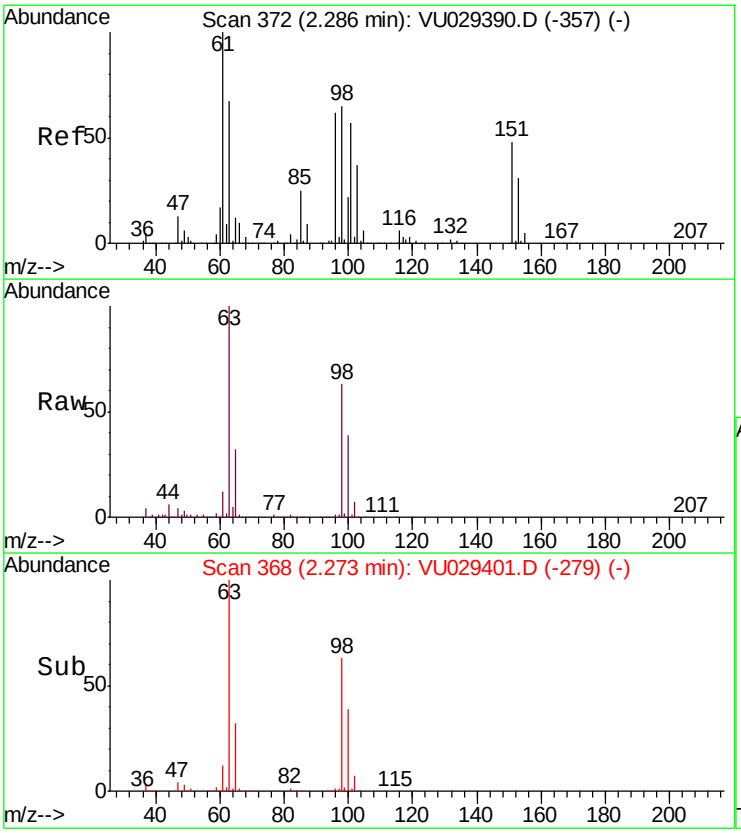
#8
Chloroethane
Concen: 0.100 ug/L
RT: 1.70 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU029401.D
Acq: 11 Feb 2019 17:09

Instrument :
MSVOA_U
ClientSampleId :
ESX95

Tgt Ion: 64 Resp: 1270

Ion	Ratio	Lower	Upper
64	100		
66	5.2	21.8	40.4#

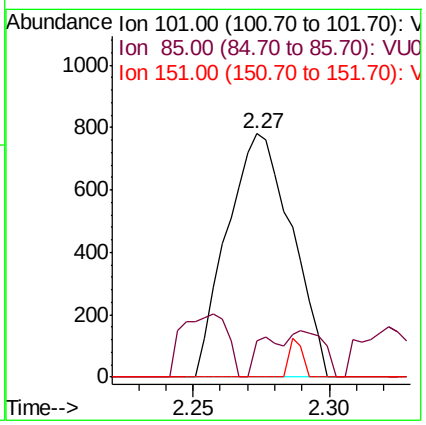


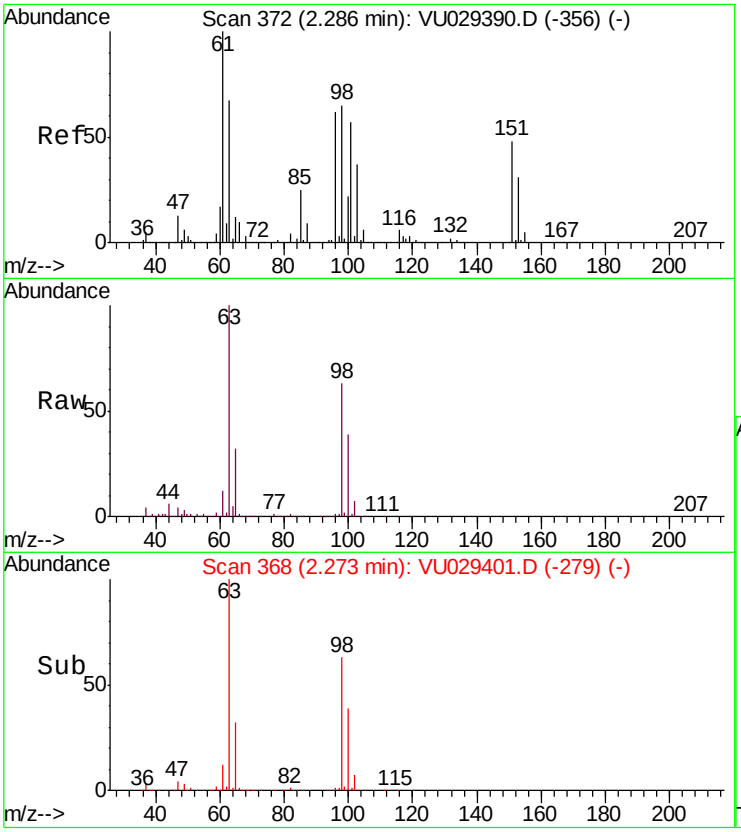


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.069 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029401.D
Acq: 11 Feb 2019 17:09

Tgt Ion:101 Resp: 1282

Ion	Ratio	Lower	Upper
101	100		
85	6.9	34.9	52.3#
151	0.0	67.0	100.4#



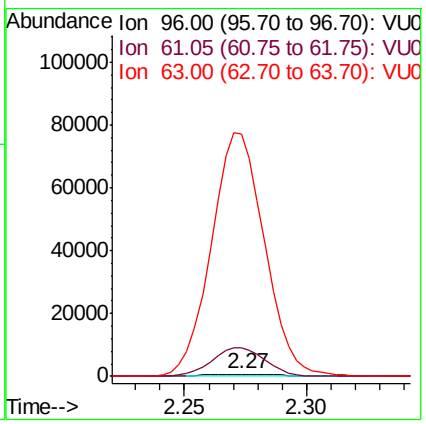


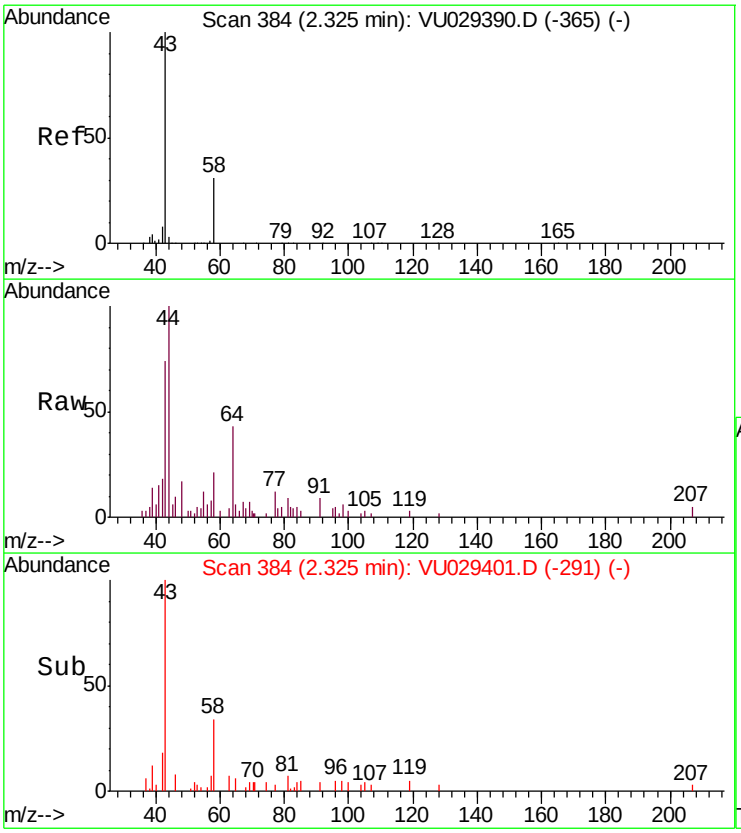
#12
1,1-Dichloroethene
Concen: 0.079 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029401.D
Acq: 11 Feb 2019 17:09

Instrument :
MSVOA_U
ClientSampleId :
ESX95

Tgt Ion: 96 Resp: 1373

Ion	Ratio	Lower	Upper
96	100		
61	1281.3	112.4	208.8#
63	10871.0	75.5	140.3#

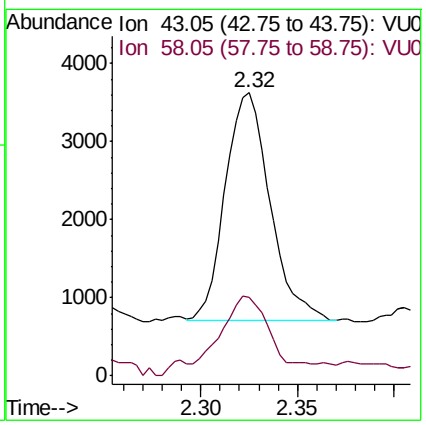


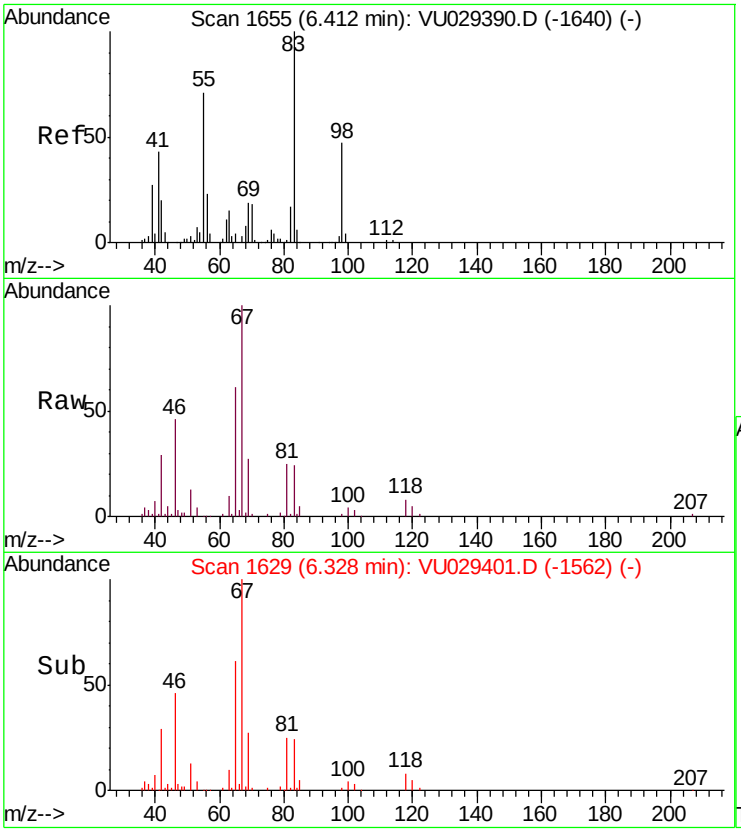


#13
Acetone
Concen: 1.857 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU029401.D
Acq: 11 Feb 2019 17:09

Tgt Ion: 43 Resp: 4699

Ion	Ratio	Lower	Upper
43	100		
58	28.6	0.0	64.2



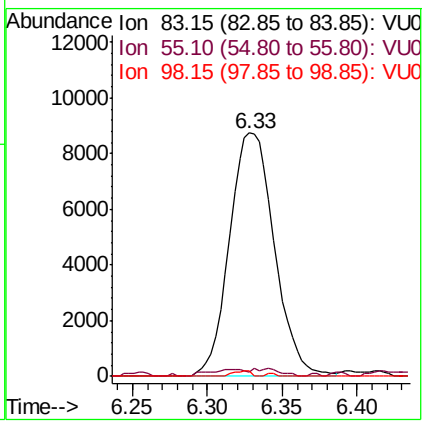


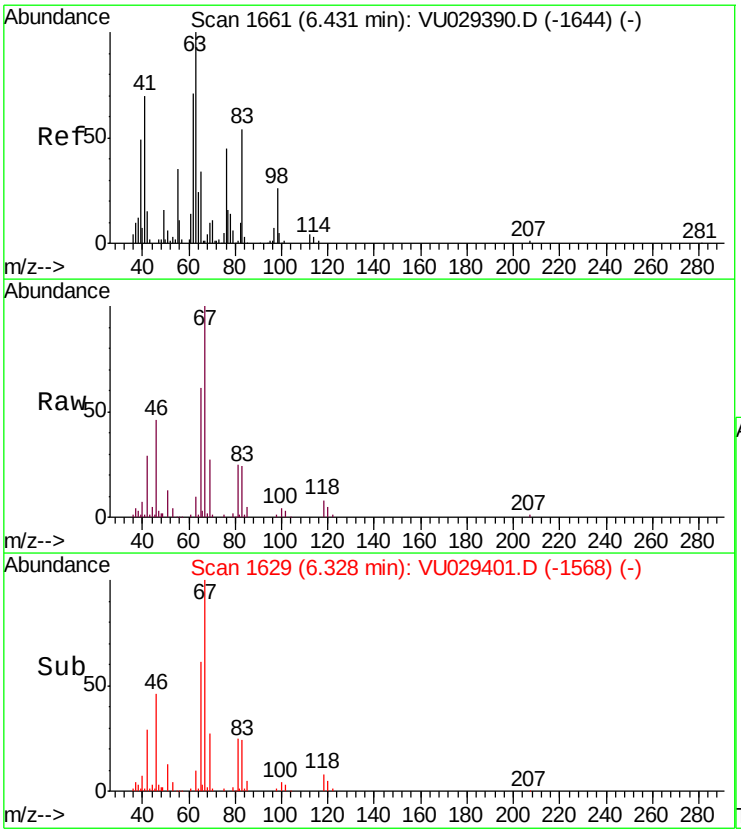
#35
Methylcyclohexane
Concen: 0.647 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029401.D
Acq: 11 Feb 2019 17:09

Instrument :
MSVOA_U
ClientSampleId :
ESX95

Tgt Ion: 83 Resp: 18244

Ion	Ratio	Lower	Upper
83	100		
55	0.5	55.3	82.9#
98	0.8	37.9	56.9#

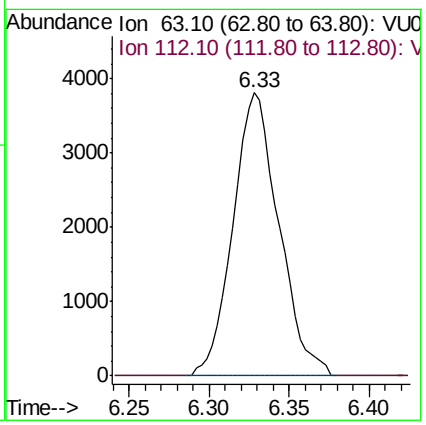


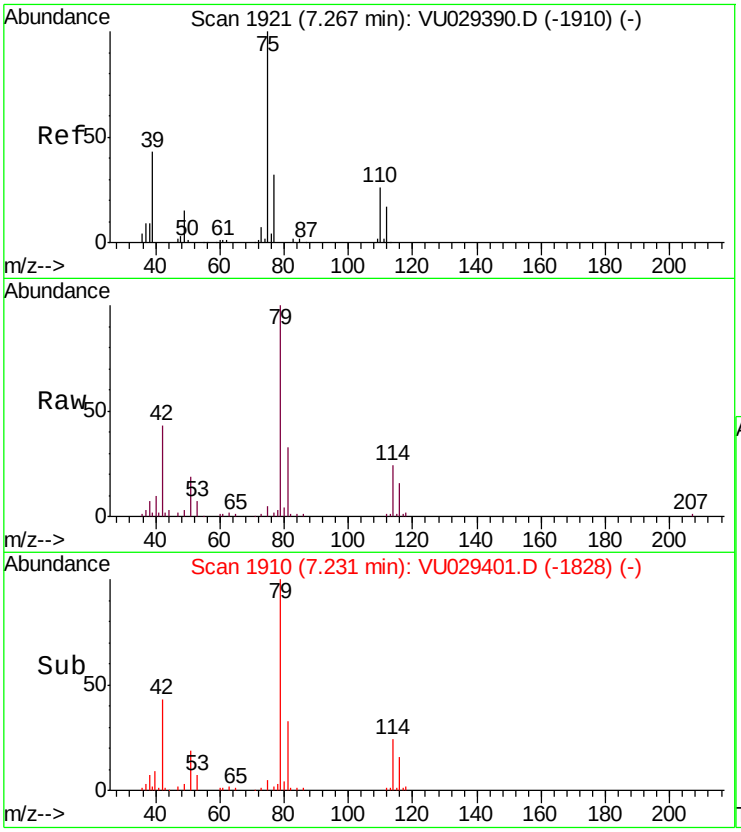


#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029401.D
Acq: 11 Feb 2019 17:09

Tgt Ion: 63 Resp: 7473

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



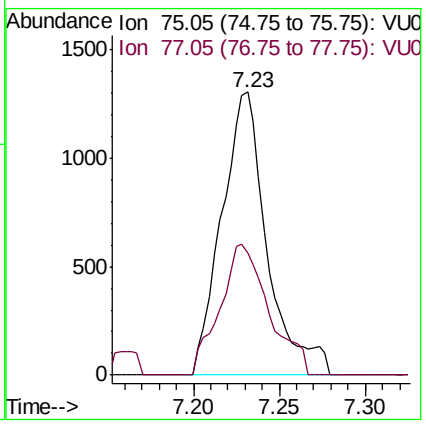


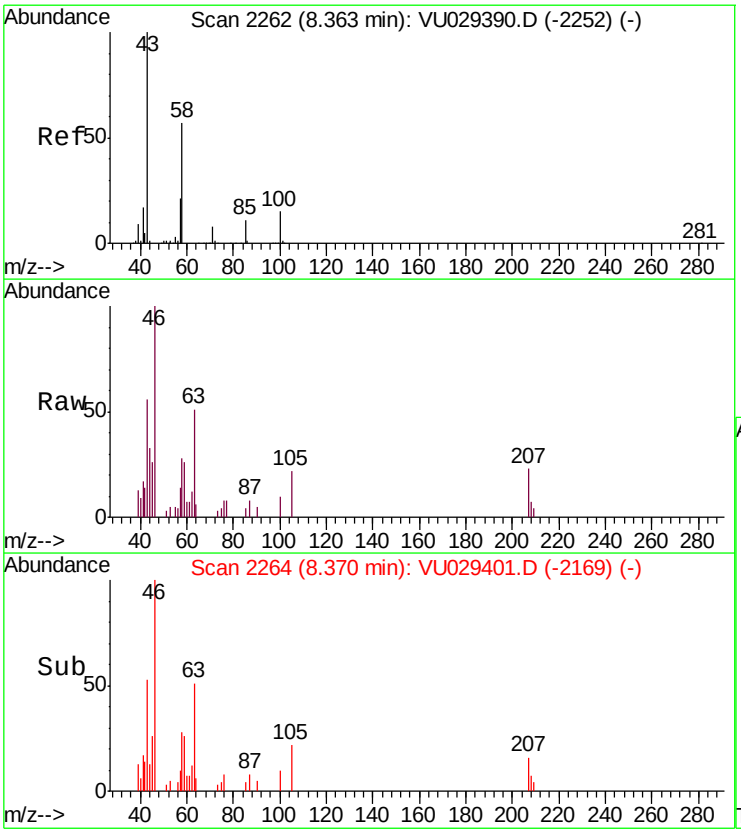
#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.23 min Scan# 1910
Delta R.T. -0.04 min
Lab File: VU029401.D
Acq: 11 Feb 2019 17:09

Instrument :
MSVOA_U
ClientSampleId :
ESX95

Tgt Ion: 75 Resp: 2400

Ion	Ratio	Lower	Upper
75	100		
77	43.1	22.9	42.5#

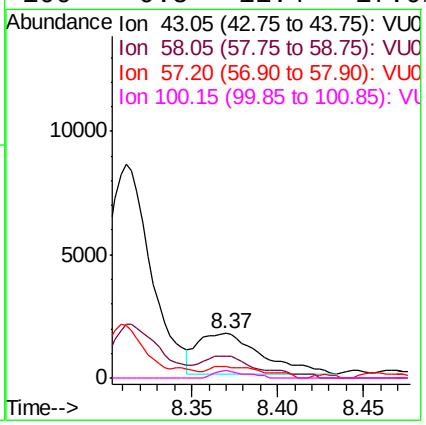


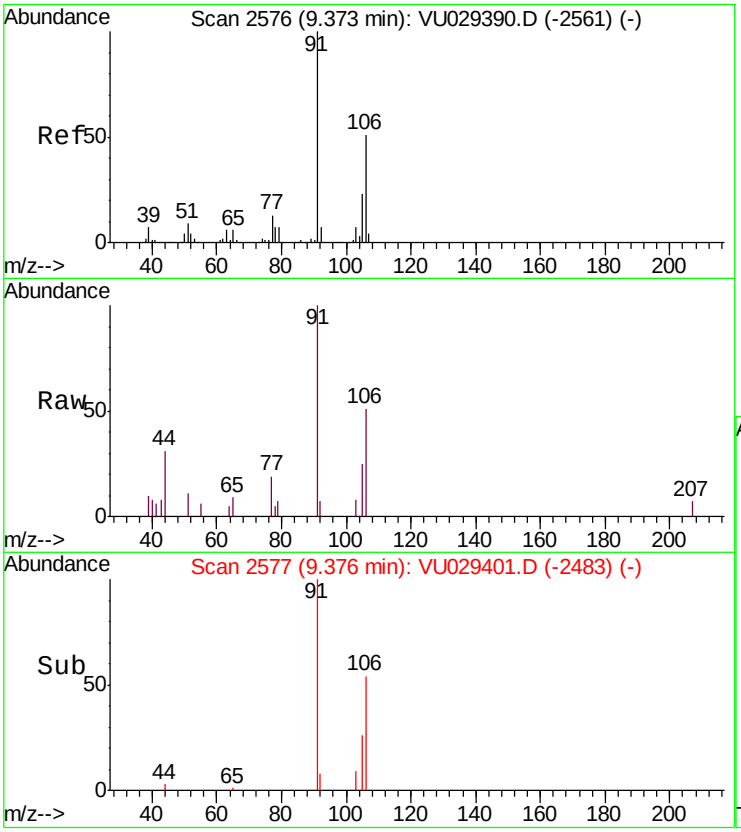


#48
2-Hexanone
Concen: 0.746 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029401.D
Acq: 11 Feb 2019 17:09

Tgt Ion: 43 Resp: 4261

Ion	Ratio	Lower	Upper
43	100		
58	47.7	45.8	68.6
57	25.4	16.4	24.6#
100	9.5	11.4	17.0#



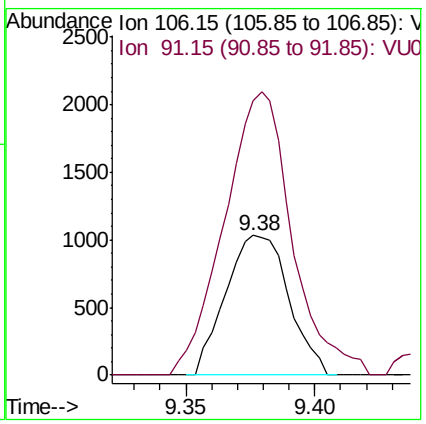


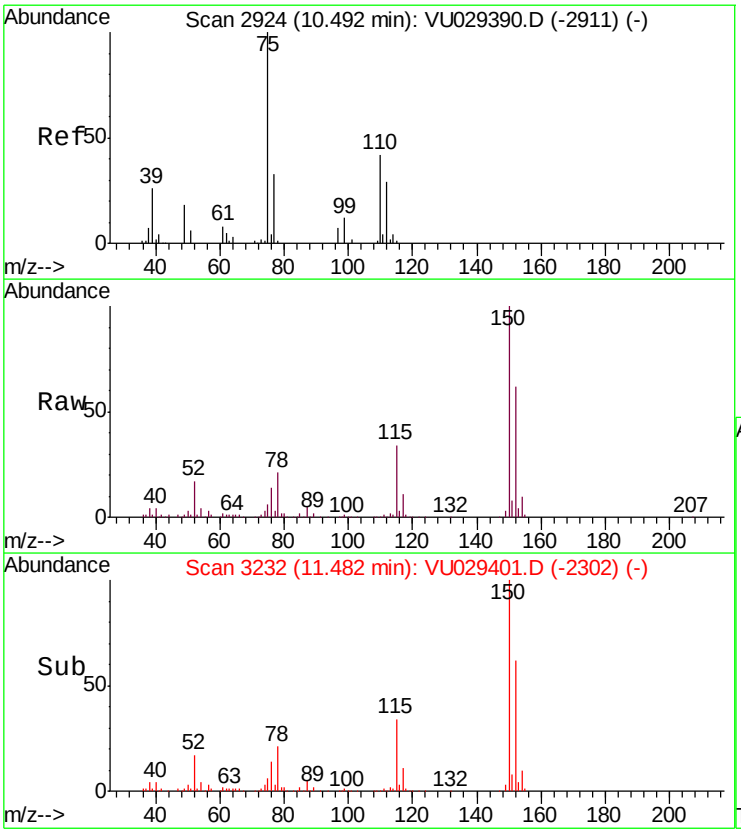
#53
m,p-xylene
Concen: 0.059 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029401.D
Acq: 11 Feb 2019 17:09

Instrument :
MSVOA_U
ClientSampleId :
ESX95

Tgt Ion:106 Resp: 1757

Ion	Ratio	Lower	Upper
106	100		
91	195.8	138.4	257.0





#59
1,2,3-Trichloropropane
Concen: 1.375 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029401.D
Acq: 11 Feb 2019 17:09

Tgt Ion: 75 Resp: 12746

Ion	Ratio	Lower	Upper
75	100		
77	39.3	25.8	38.6#