Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022119\

Quantitation Report (Not Reviewed)

Data File : VU029598.D
Acq On : 21 Feb 2019 15:23
Operator : JC/SP
Sample : K1488-01RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXC7

Quant Time: Feb 22 03:13:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 03:07:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	229404	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	225959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113718	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	72972	4.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.40%			
7) Chloroethane-d5	1.68	69	69528	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.27	63	117271	3.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.80%			
20) 2-Butanone-d5	4.19	46	180464	53.28	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.56%			
24) Chloroform-d	4.65	84	135777	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.31	65	72359	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
32) Benzene-d6	5.34	84	289944	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.33	67	88069	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.56	98	276317	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
43) trans-1,3-Dichloropropene-	7.85	79	32968	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.31	63	178303	52.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.00%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	73829	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	118961	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1283	0.072	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1144	0.067	ug/L #	1
13) Acetone	2.32	43	6097	2.505	ug/L	93
15) Methyl Acetate	2.44	43	15143	2.133	ug/L #	48
17) Methyl tert-butyl Ether	3.00	73	15236	0.374	ug/L #	90
25) Chloroform	4.67	83	4035	0.140	ug/L	82
35) Methylcyclohexane	6.33	83	20923	0.774	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	9338	0.621	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2280	0.104	ug/L #	67
48) 2-Hexanone	8.37	43	2841	0.459	ug/L #	82
53) m,p-xylene	9.38	106	1828	0.060	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	10876	1.083	ug/L #	86

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

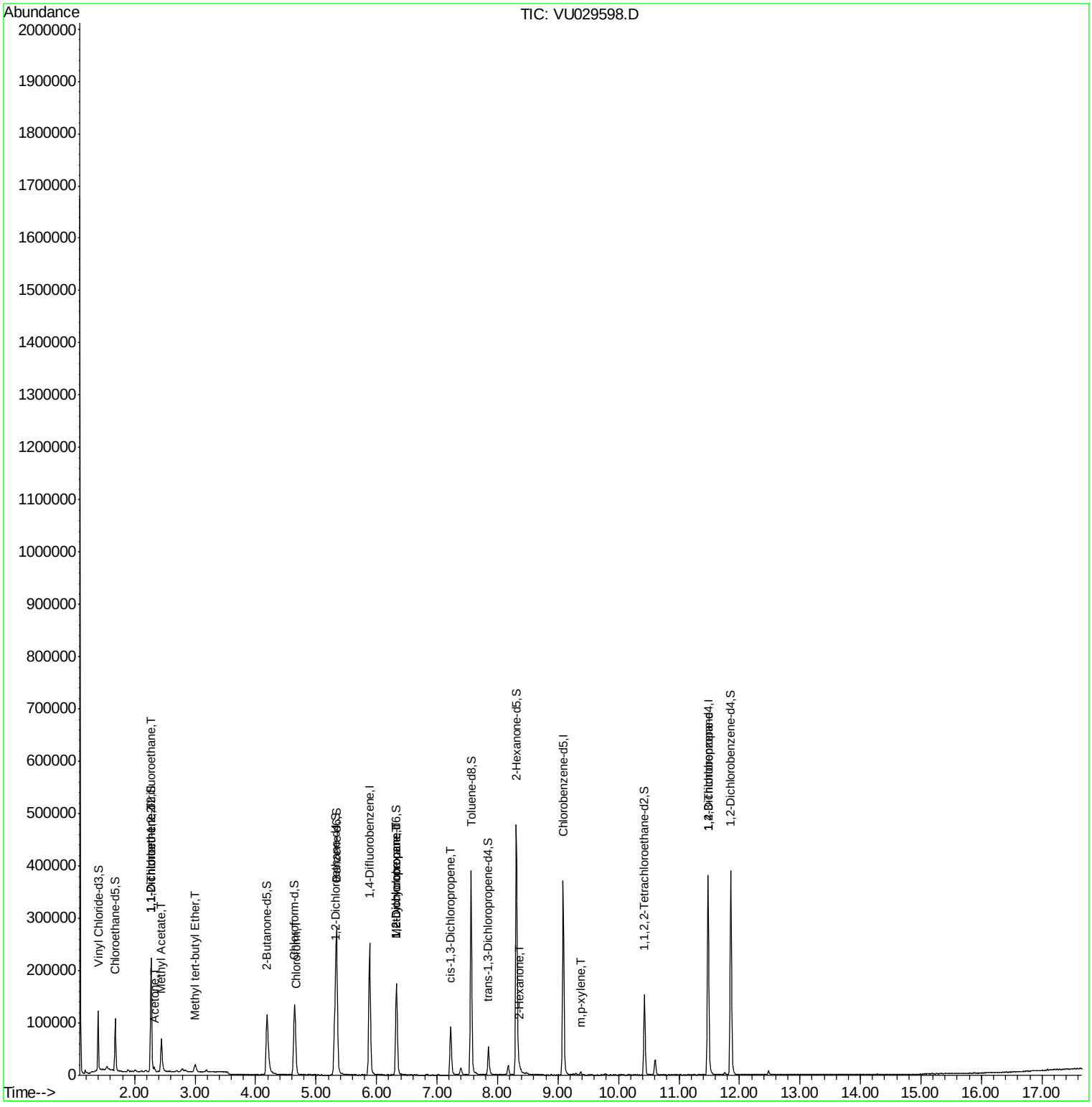
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022119\

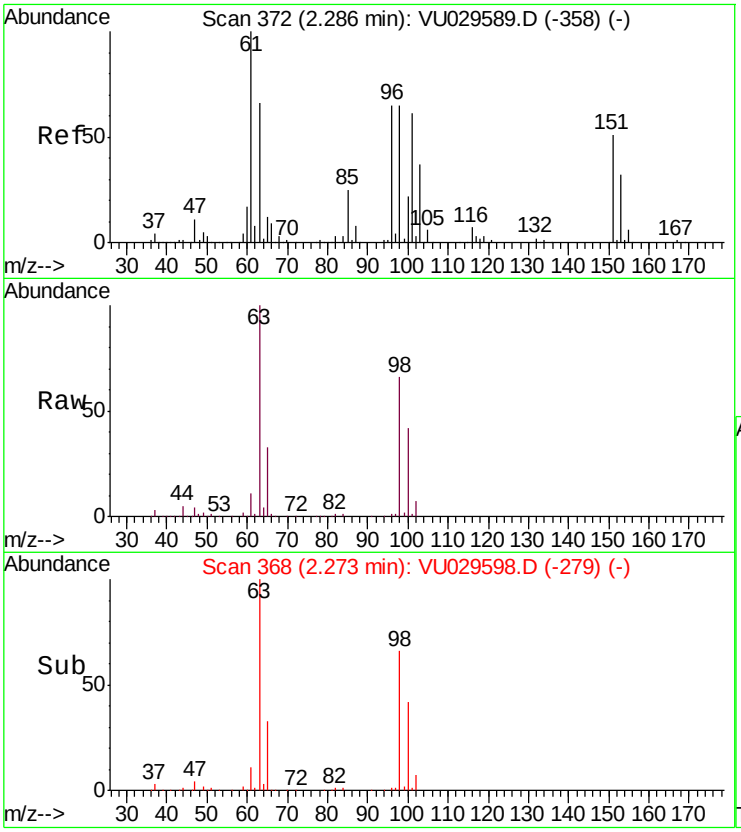
Quantitation Report (Not Reviewed)

Data File : VU029598.D
Acq On : 21 Feb 2019 15:23
Operator : JC/SP
Sample : K1488-01RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXC7

Quant Time: Feb 22 03:13:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 03:07:37 2019
Response via : Initial Calibration



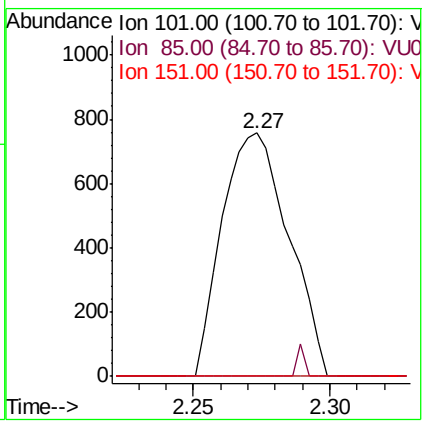


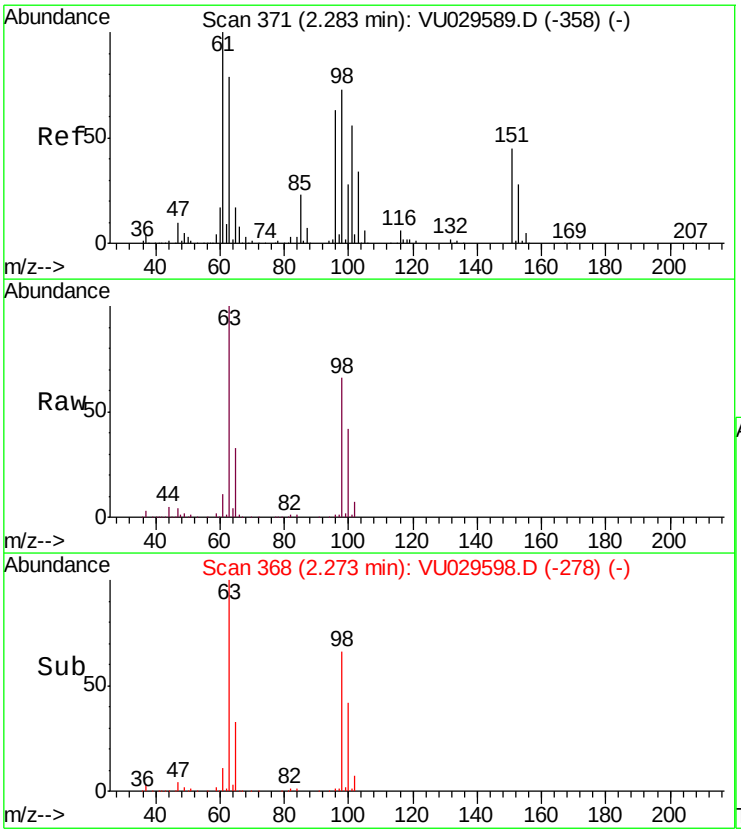
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.072 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Instrument :
MSVOA_U
ClientSampleId :
ESXC7

Tgt Ion:101 Resp: 1283

Ion	Ratio	Lower	Upper
101	100		
85	1.5	32.8	49.2#
151	0.0	65.9	98.9#

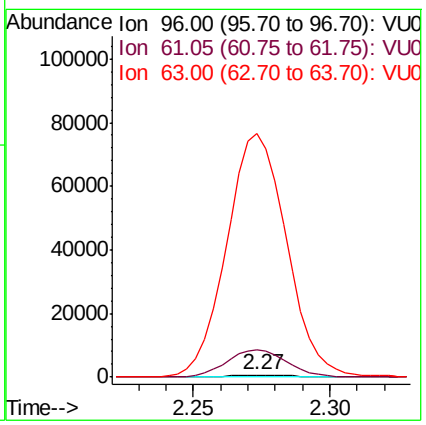


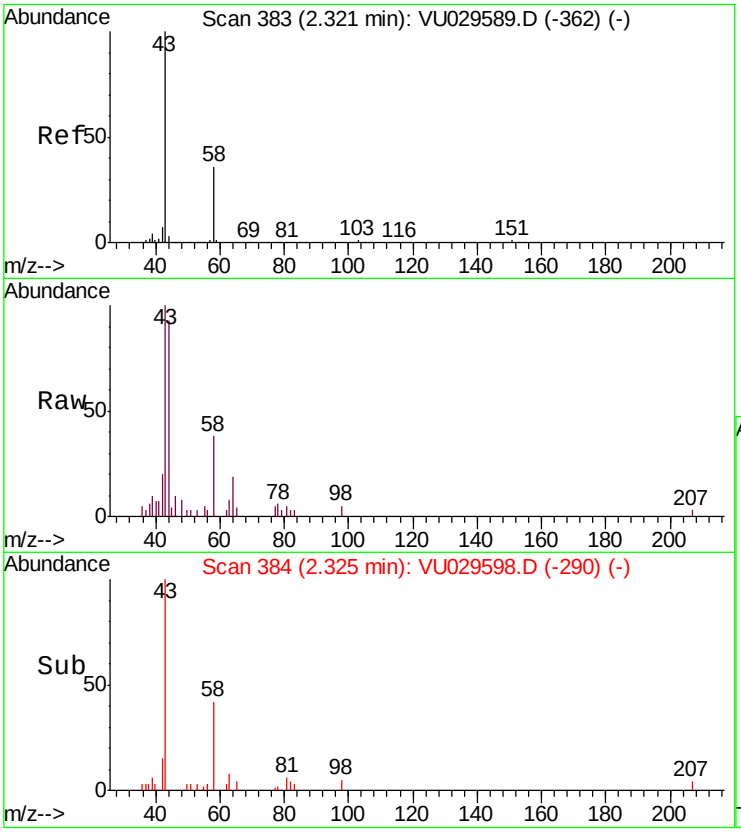


#12
1,1-Dichloroethene
Concen: 0.067 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Tgt Ion: 96 Resp: 1144

Ion	Ratio	Lower	Upper
96	100		
61	1240.8	111.3	206.7#
63	10920.4	88.5	164.3#



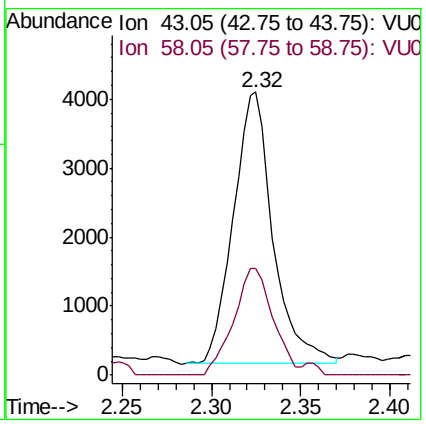


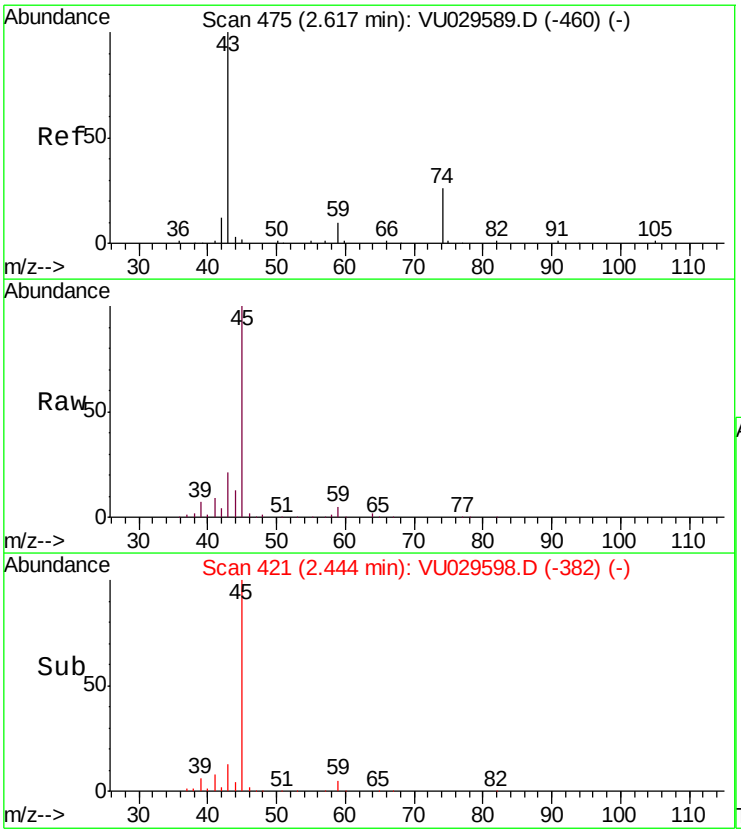
#13
Acetone
Concen: 2.505 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Instrument :
MSVOA_U
ClientSampleId :
ESXC7

Tgt Ion: 43 Resp: 6097

Ion	Ratio	Lower	Upper
43	100		
58	39.4	0.0	70.2

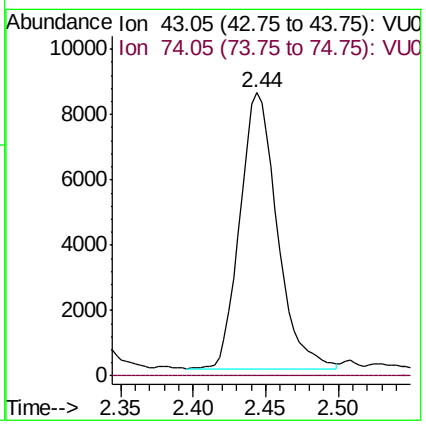


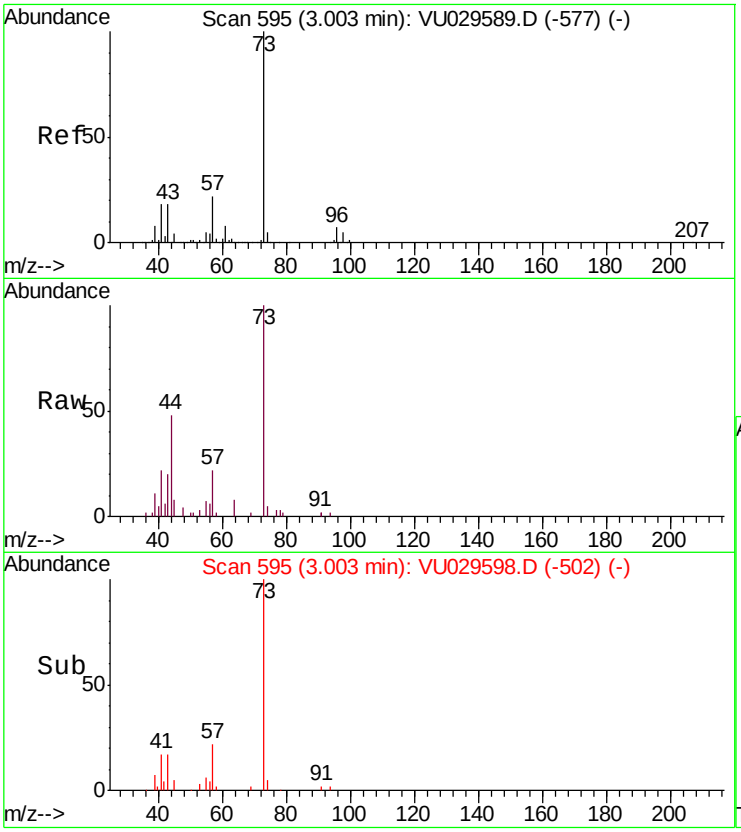


#15
Methyl Acetate
Concen: 2.133 ug/L
RT: 2.44 min Scan# 421
Delta R.T. -0.17 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Tgt Ion: 43 Resp: 15143

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.6	32.4#



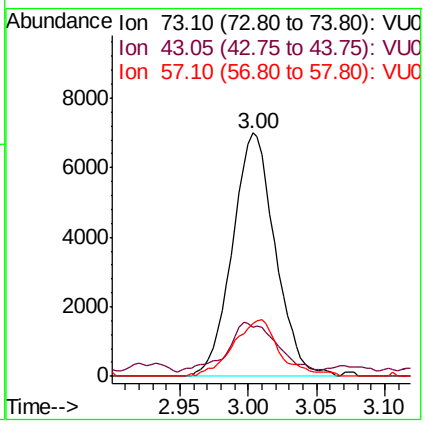


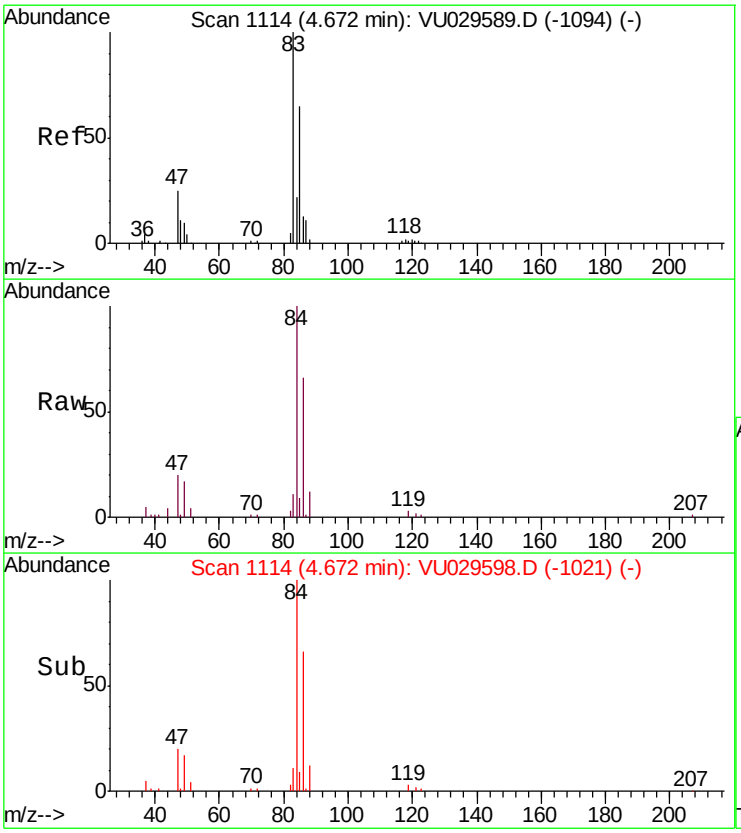
#17
Methyl tert-butyl Ether
Concen: 0.374 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Instrument : MSVOA_U
ClientSampleId : ESXC7

Tgt Ion: 73 Resp: 15236

Ion	Ratio	Lower	Upper
73	100		
43	22.9	13.8	20.8#
57	25.1	17.4	26.2

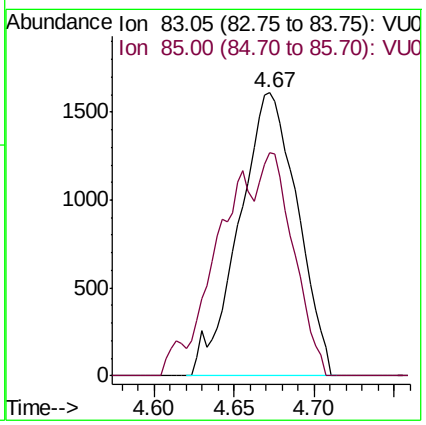


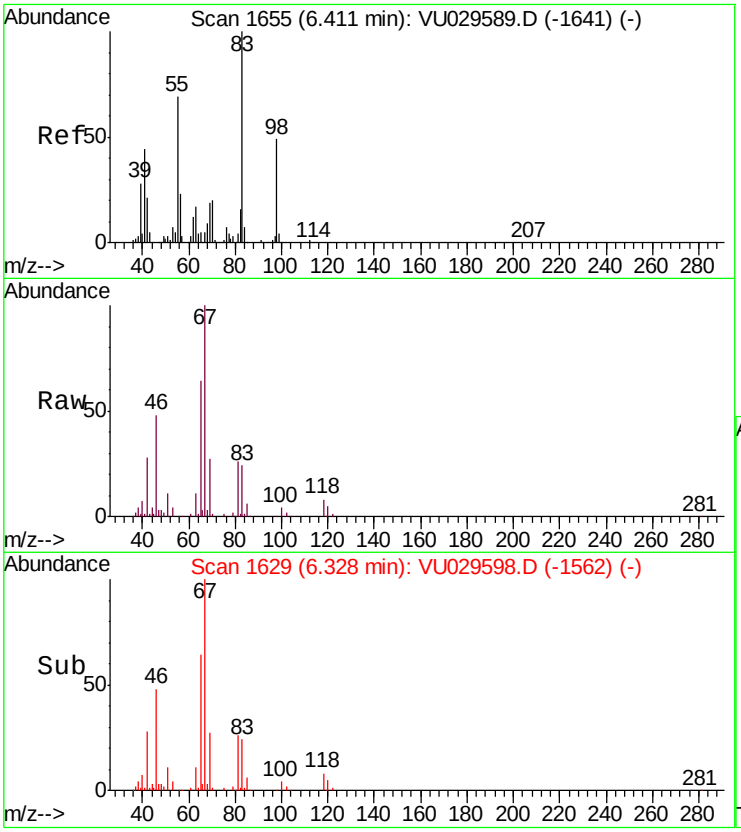


#25
Chloroform
Concen: 0.140 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Tgt Ion: 83 Resp: 4035

Ion	Ratio	Lower	Upper
83	100		
85	79.0	45.6	84.6



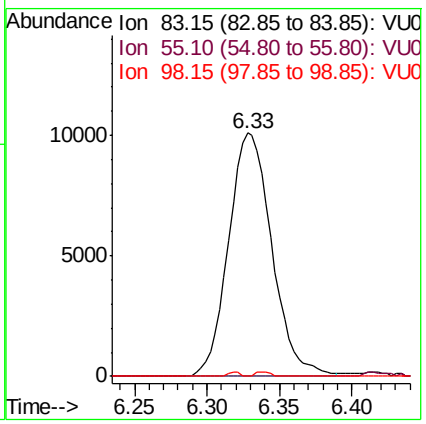


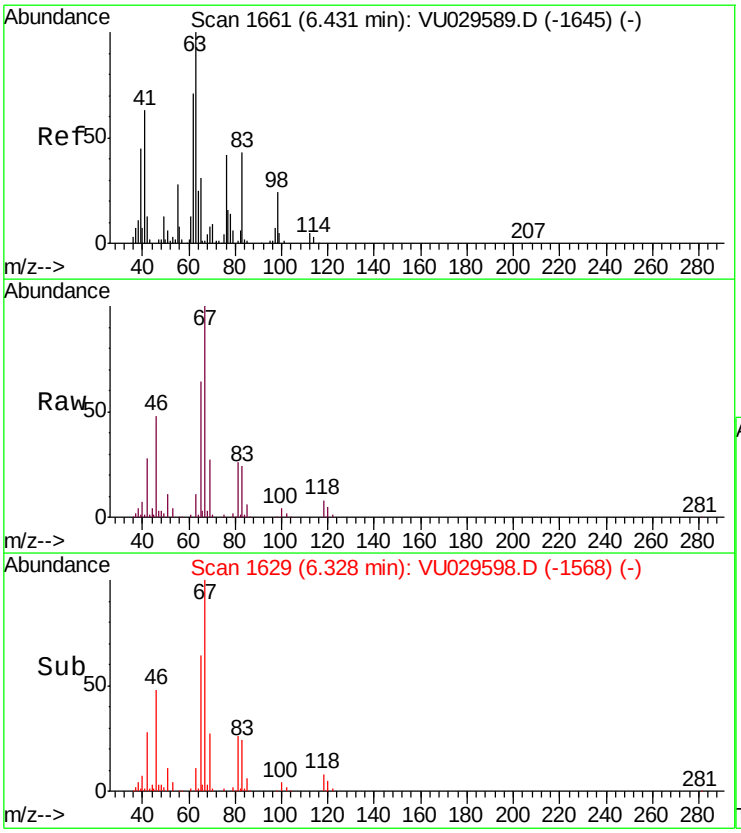
#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Instrument :
MSVOA_U
ClientSampleId :
ESXC7

Tgt Ion: 83 Resp: 20923

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.5	84.7#
98	0.5	39.4	59.2#

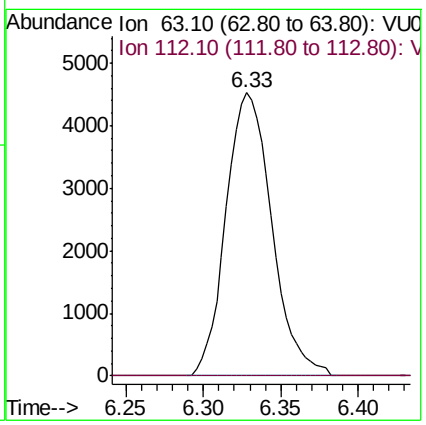


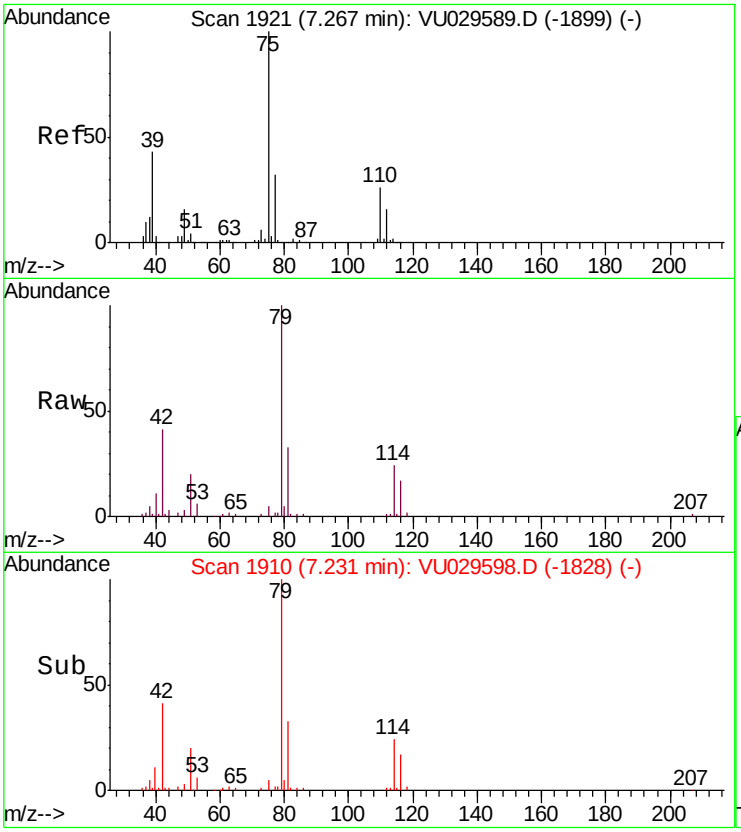


#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Tgt Ion: 63 Resp: 9338

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



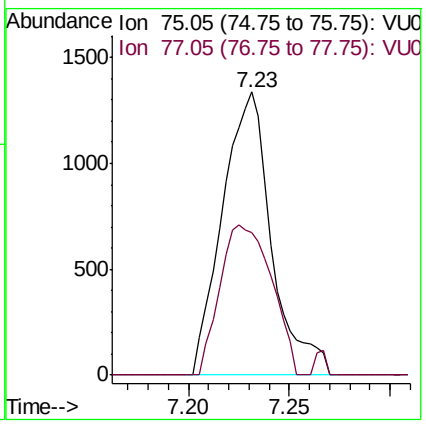


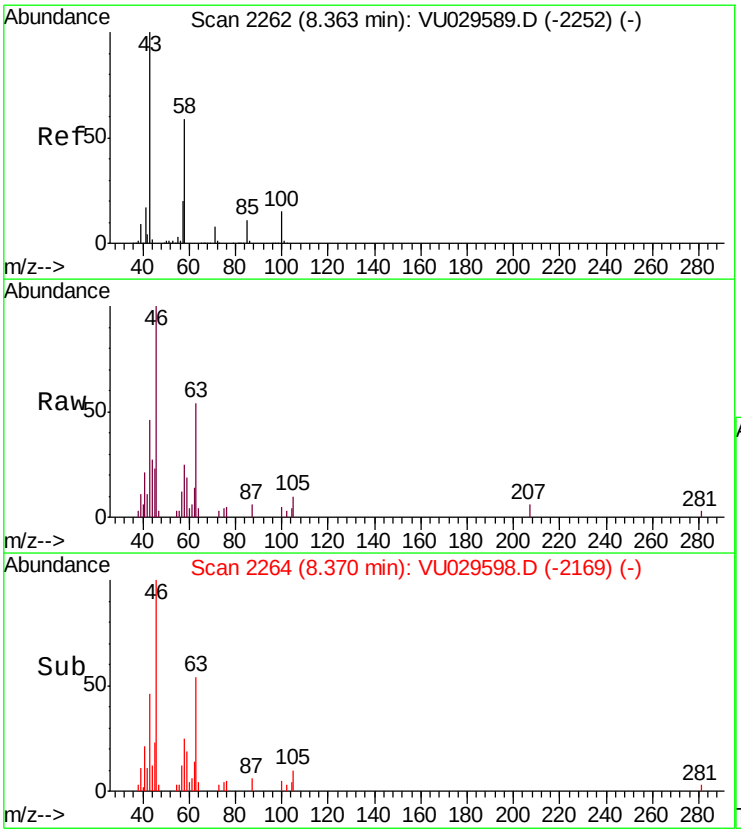
#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.23 min Scan# 1910
Delta R.T. -0.04 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Instrument :
MSVOA_U
ClientSampleId :
ESXC7

Tgt Ion: 75 Resp: 2280

Ion	Ratio	Lower	Upper
75	100		
77	50.2	22.3	41.5#

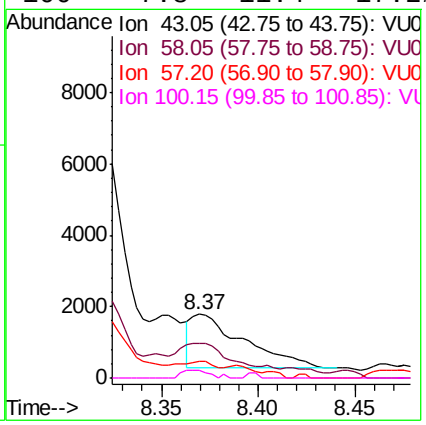


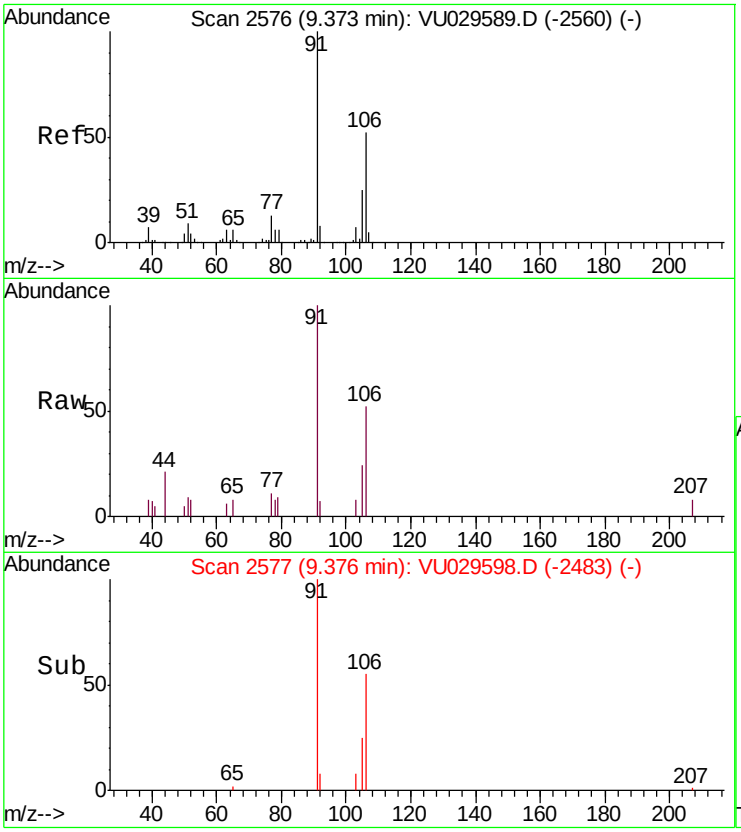


#48
2-Hexanone
Concen: 0.459 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Tgt Ion: 43 Resp: 2841

Ion	Ratio	Lower	Upper
43	100		
58	41.6	46.6	69.8#
57	15.8	15.9	23.9#
100	7.8	11.4	17.2#



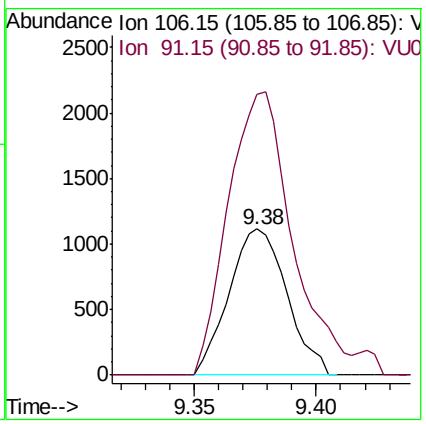


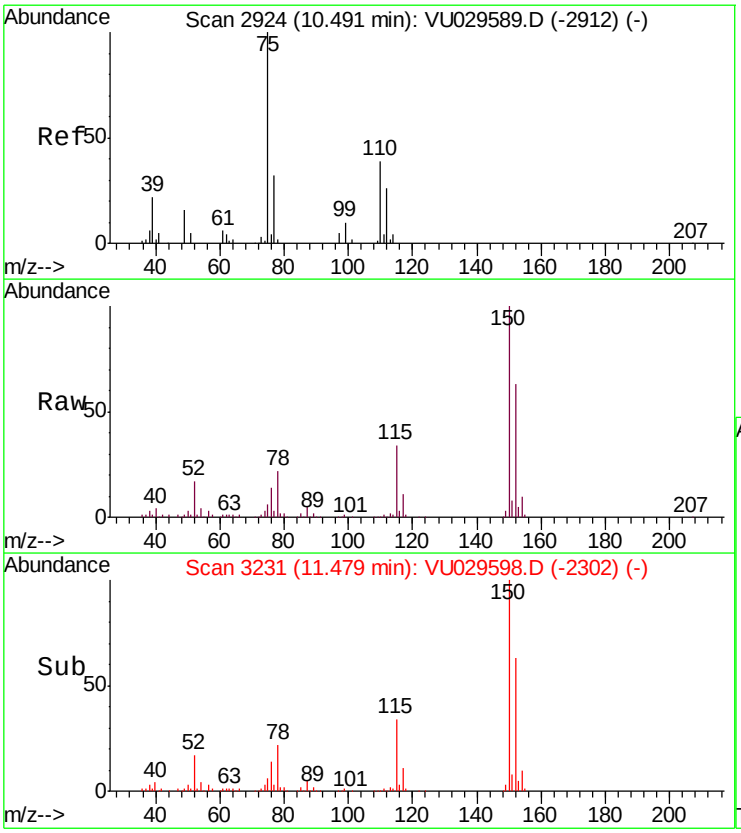
#53
m,p-xylene
Concen: 0.060 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Instrument :
MSVOA_U
ClientSampleId :
ESXC7

Tgt Ion:106 Resp: 1828

Ion	Ratio	Lower	Upper
106	100		
91	191.9	136.0	252.6





#59
1,2,3-Trichloropropane
Concen: 1.083 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029598.D
Acq: 21 Feb 2019 15:23

Tgt Ion: 75 Resp: 10876

Ion	Ratio	Lower	Upper
75	100		
77	39.8	25.6	38.4#