Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030119\
Data File : VU029753.D
Acq On : 01 Mar 2019 10:58
Operator : JC/SP
Sample : K1577-13RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJY0RE

Quant Time: Mar 01 22:34:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	232904	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116058	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	63662	4.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.60%			
7) Chloroethane-d5	1.68	69	65553	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.27	63	100027	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	4.19	46	237530	69.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 138.14%#			
24) Chloroform-d	4.65	84	145273	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	5.31	65	78147	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
32) Benzene-d6	5.34	84	306951	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
36) 1,2-Dichloropropane-d6	6.33	67	100153	5.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 118.00%			
41) Toluene-d8	7.56	98	268484	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	7.85	79	35499	5.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.80%			
46) 2-Hexanone-d5	8.31	63	227927	66.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 133.42%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90731	5.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 119.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	119896	5.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	8145	0.410	ug/L #	1
13) Acetone	2.32	43	8169	3.306	ug/L	94
18) trans-1,2-Dichloroethene	2.98	96	7198	0.383	ug/L	86
22) cis-1,2-Dichloroethene	4.22	96	100989	5.865	ug/L	97
25) Chloroform	4.67	83	11640	0.397	ug/L	88
33) Benzene	5.39	78	13241	0.220	ug/L	100
34) Trichloroethene	6.18	95	73506	4.383	ug/L	98
42) Toluene	7.63	91	63805	0.936	ug/L	96
47) Tetrachloroethene	8.22	164	40414	2.595	ug/L	95
51) Chlorobenzene	9.12	112	66101	1.412	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	22692	0.607	ug/L	94

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

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Operator : JC/SP
Sample : K1577-13RE
Misc : 25.0mL/MSVOA U/WATER
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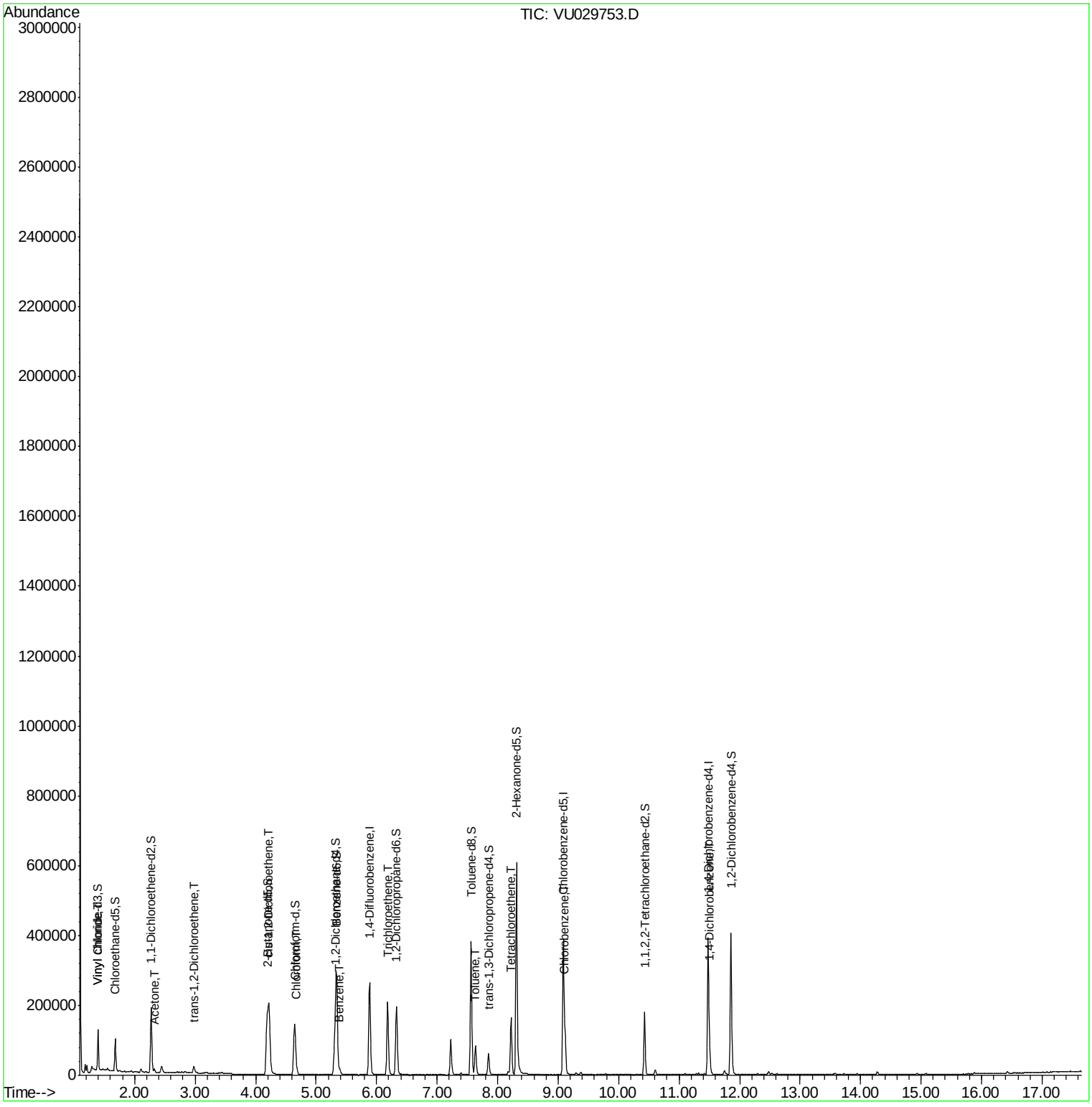
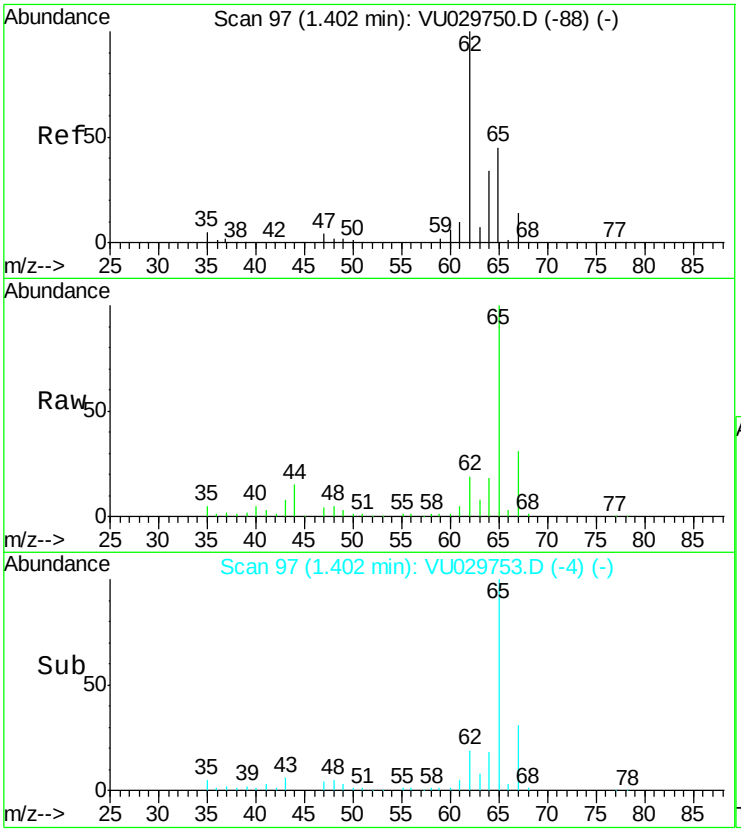
Instrument :
MSVOA_U
ClientSampleId :
CWJY0RE

Quant Time: Mar 01 22:34:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration



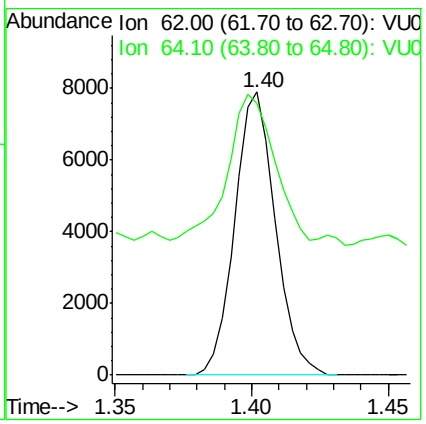


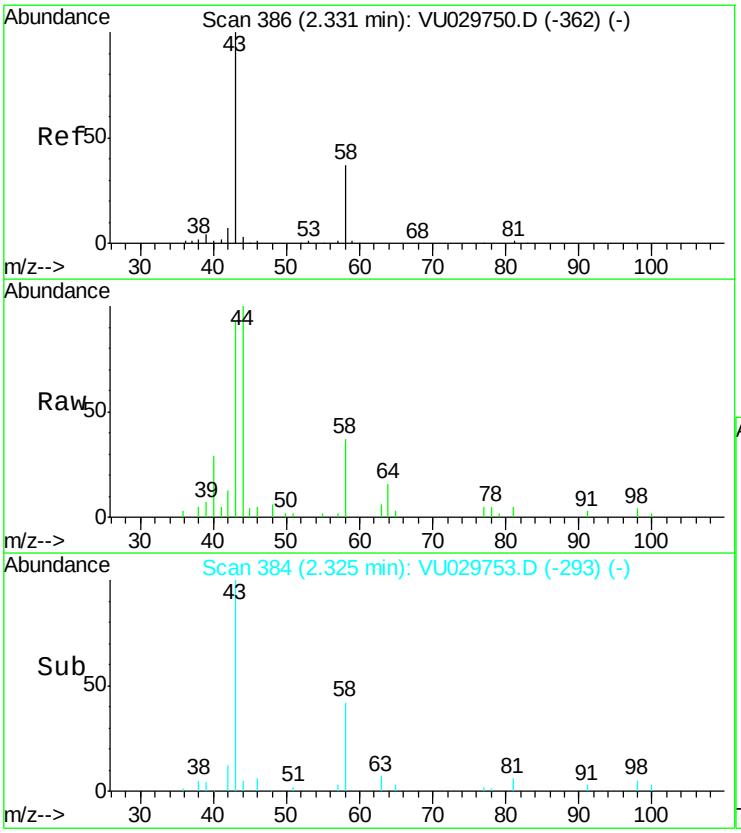
#5
Vinyl chloride
Concen: 0.410 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029753.D
Acq: 01 Mar 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
CWJY0RE

Tgt Ion: 62 Resp: 8145

Ion	Ratio	Lower	Upper
62	100		
64	96.1	24.8	46.1#

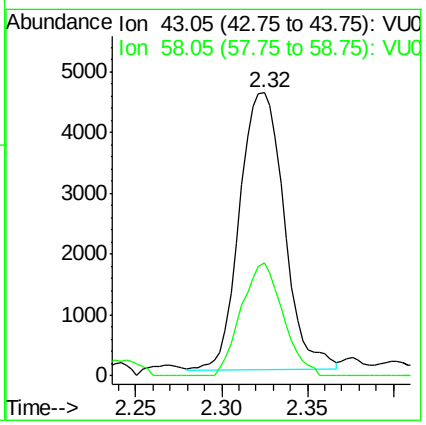


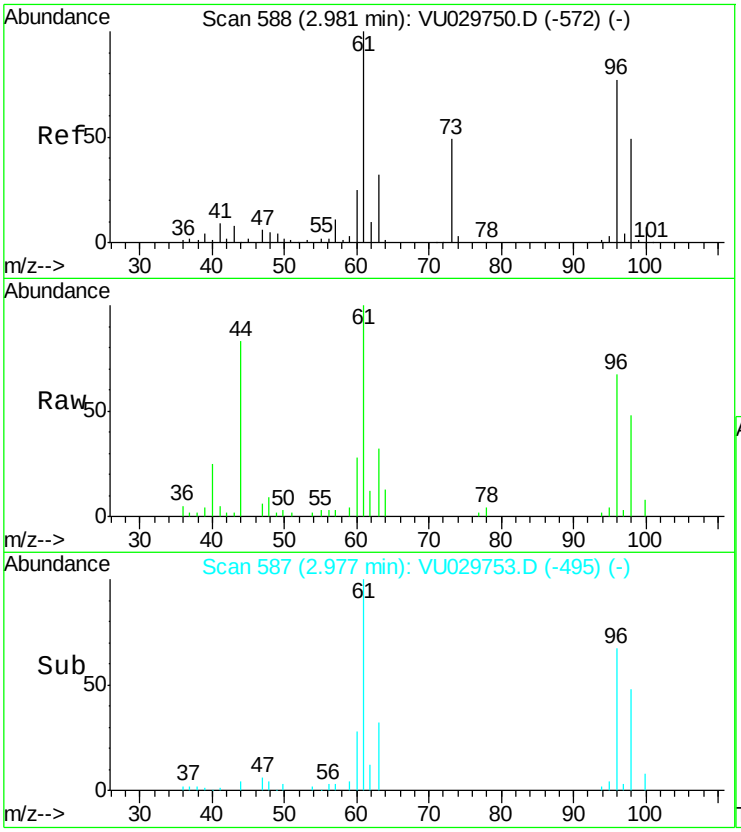


#13
Acetone
Concen: 3.306 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.01 min
Lab File: VU029753.D
Acq: 01 Mar 2019 10:58

Tgt Ion: 43 Resp: 8169

Ion	Ratio	Lower	Upper
43	100		
58	38.3	0.0	70.2



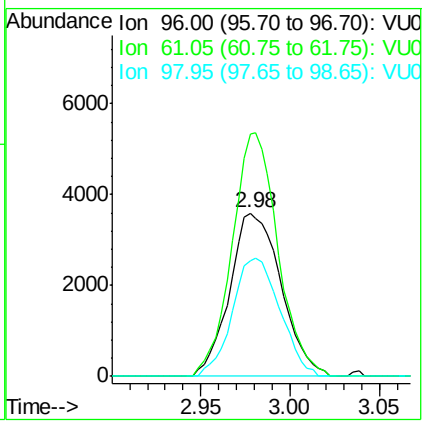


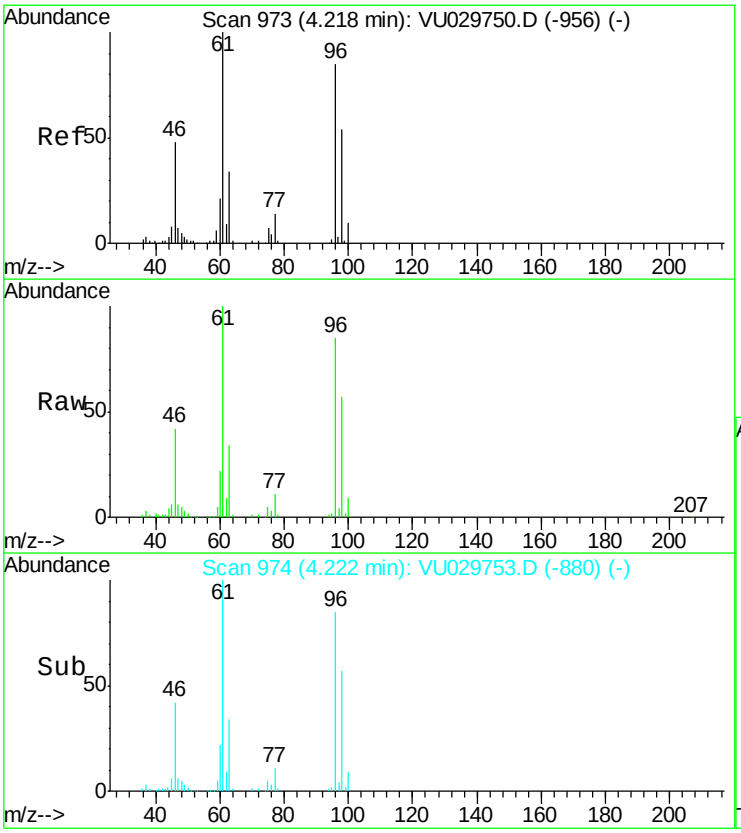
#18
trans-1,2-Dichloroethene
Concen: 0.383 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029753.D
Acq: 01 Mar 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
CWJY0RE

Tgt Ion: 96 Resp: 7198

Ion	Ratio	Lower	Upper
96	100		
61	148.3	90.3	167.7
98	70.8	45.2	84.0

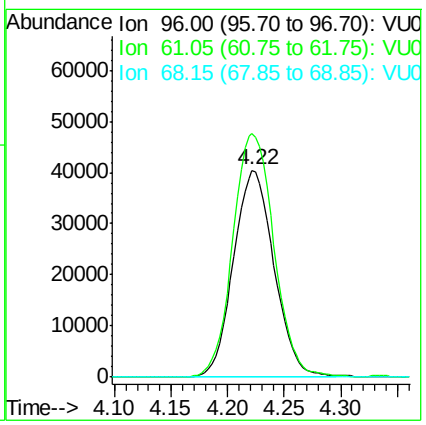


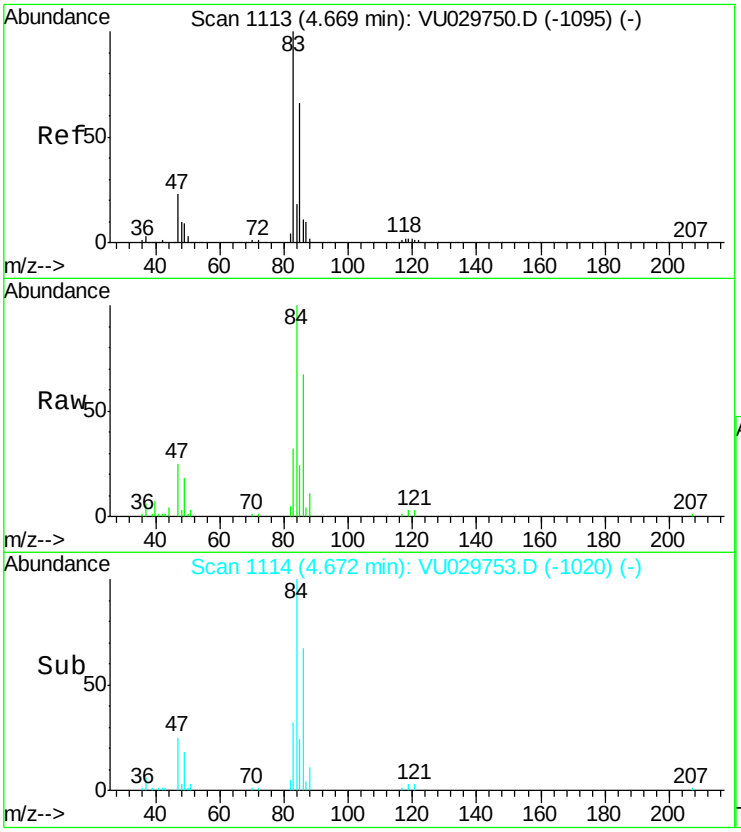


#22
cis-1,2-Dichloroethene
Concen: 5.865 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029753.D
Acq: 01 Mar 2019 10:58

Tgt Ion: 96 Resp: 100989

Ion	Ratio	Lower	Upper
96	100		
61	117.8	80.2	149.0
68	0.0	0.0	0.0



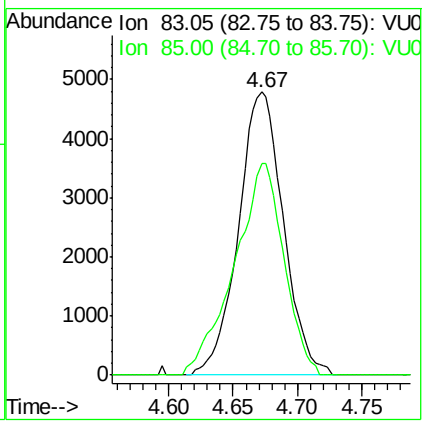


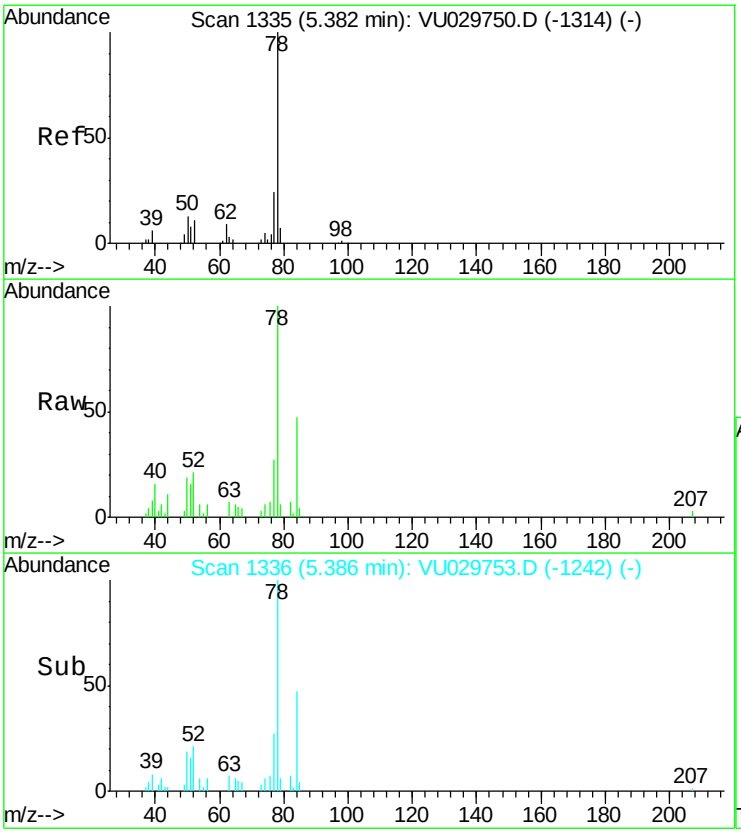
#25
Chloroform
Concen: 0.397 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029753.D
Acq: 01 Mar 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
CWJY0RE

Tgt Ion: 83 Resp: 11640

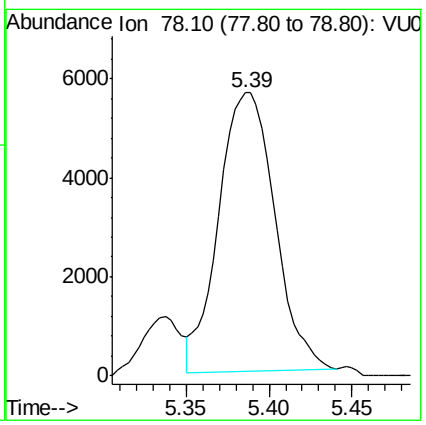
Ion	Ratio	Lower	Upper
83	100		
85	75.0	45.6	84.6

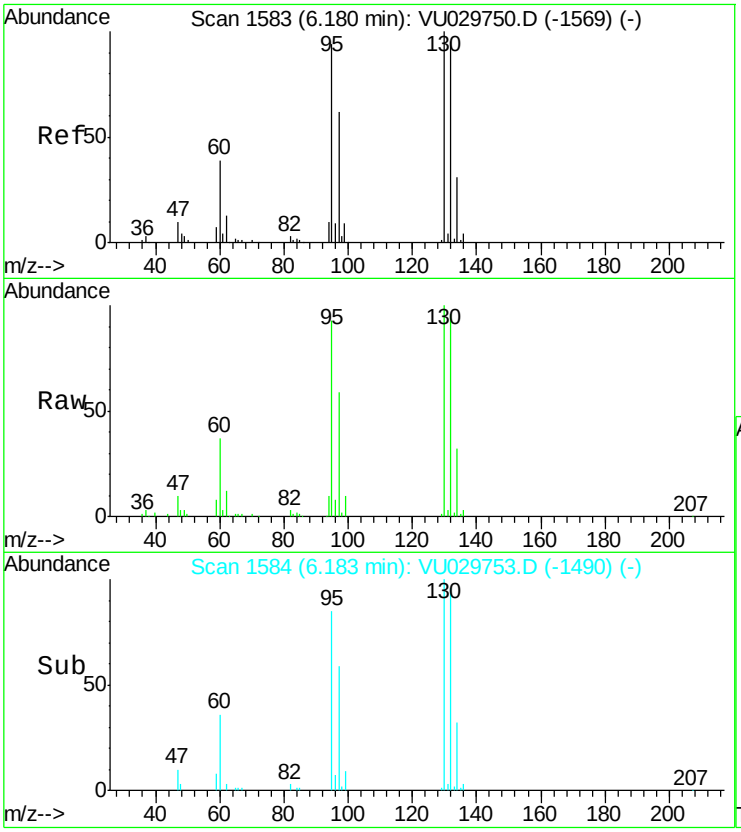




#33
Benzene
Concen: 0.220 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029753.D
Acq: 01 Mar 2019 10:58

Tgt Ion: 78 Resp: 13241



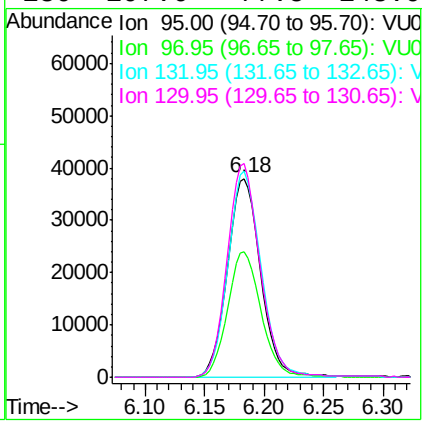


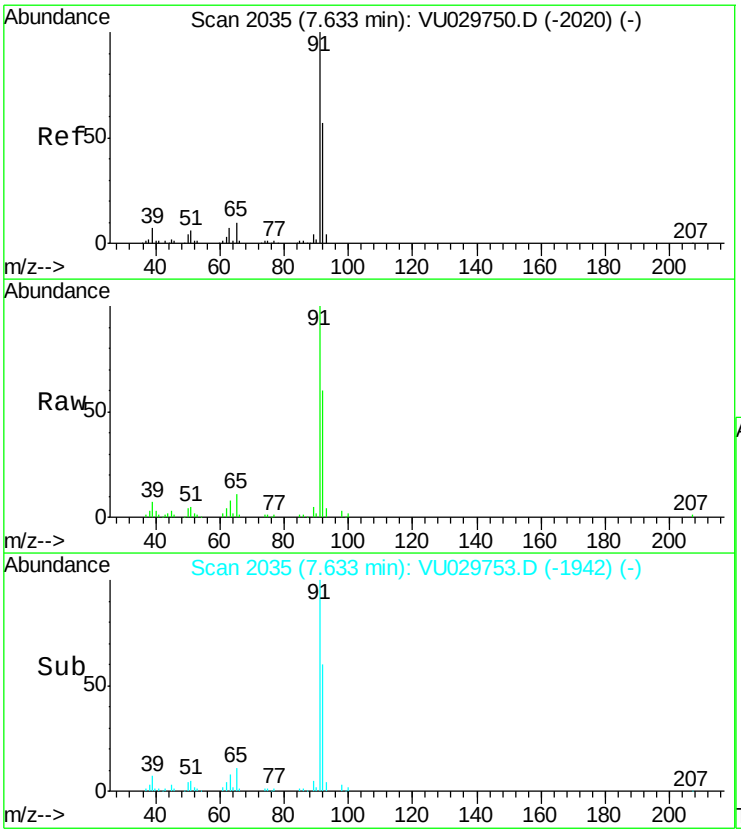
#34
Trichloroethene
Concen: 4.383 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029753.D
Acq: 01 Mar 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
CWJY0RE

Tgt Ion: 95 Resp: 73506

Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.6	84.8
132	103.8	72.9	135.3
130	107.6	77.5	143.9

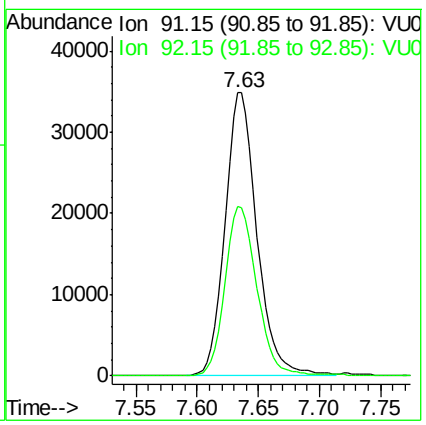


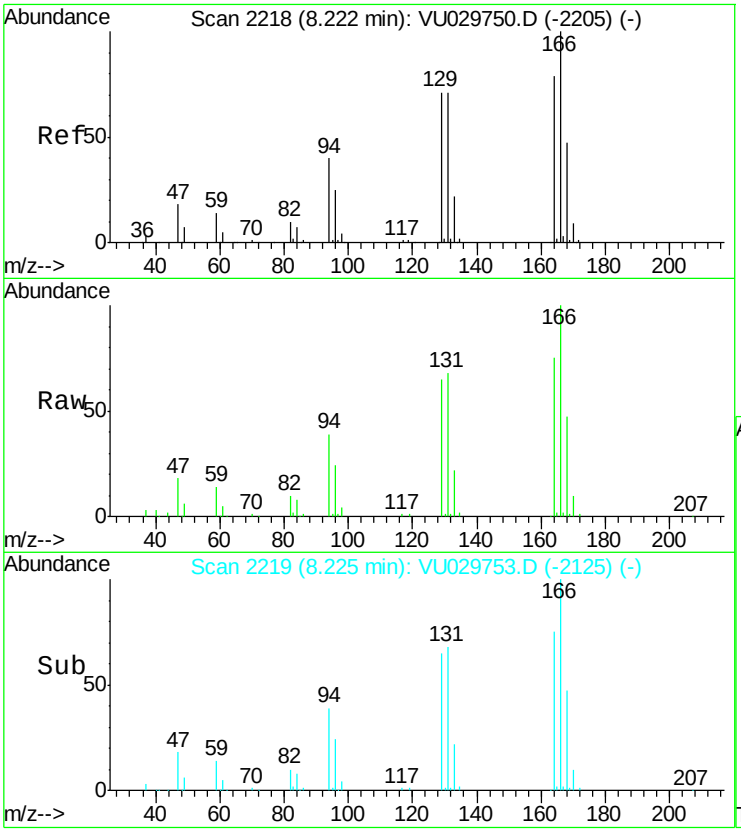


#42
Toluene
Concen: 0.936 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU029753.D
Acq: 01 Mar 2019 10:58

Tgt Ion: 91 Resp: 63805

Ion	Ratio	Lower	Upper
91	100		
92	59.9	40.1	74.5



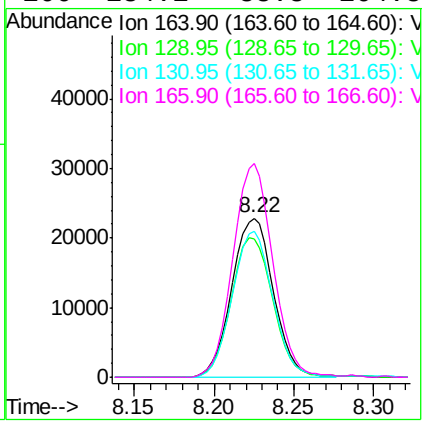


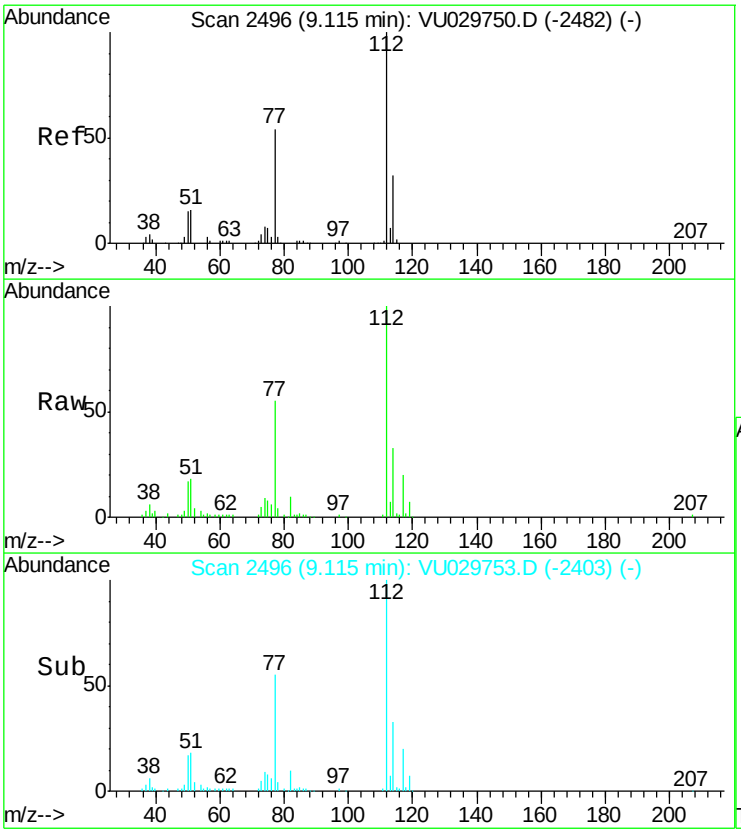
#47
Tetrachloroethene
Concen: 2.595 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029753.D
Acq: 01 Mar 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
CWJY0RE

Tgt Ion:164 Resp: 40414

Ion	Ratio	Lower	Upper
164	100		
129	87.0	62.9	116.7
131	91.8	61.8	114.8
166	134.1	88.8	164.8

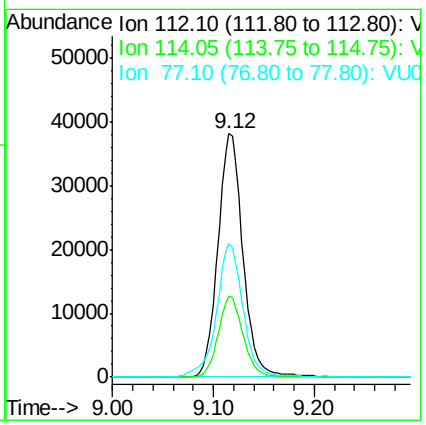


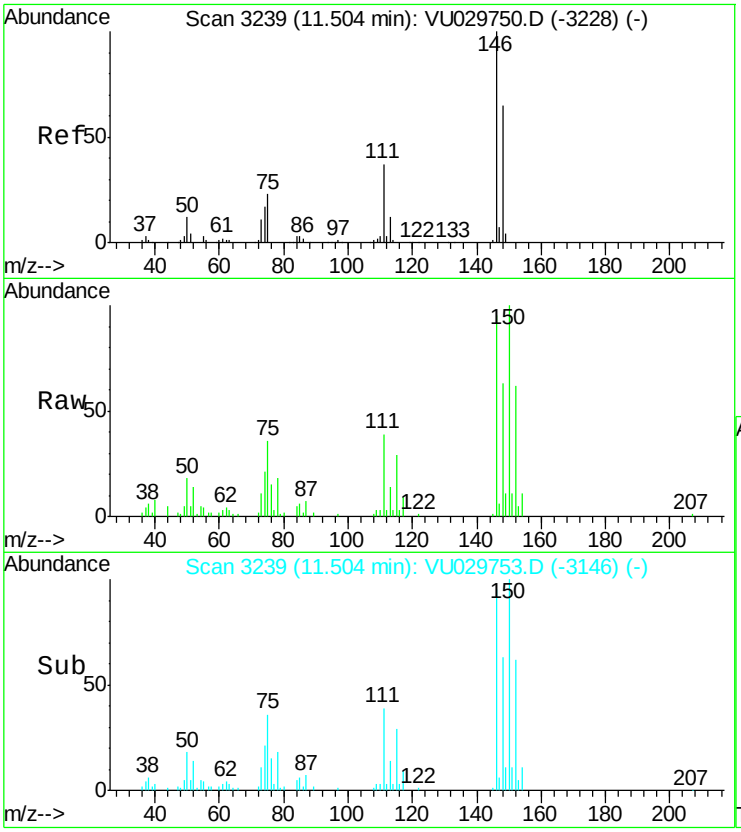


#51
Chlorobenzene
Concen: 1.412 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU029753.D
Acq: 01 Mar 2019 10:58

Tgt Ion:112 Resp: 66101

Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.3	41.3
77	55.0	42.7	64.1





#63
1,4-Dichlorobenzene
Concen: 0.607 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU029753.D
Acq: 01 Mar 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
CWJY0RE

Tgt Ion:146 Resp: 22692

Ion	Ratio	Lower	Upper
146	100		
111	40.9	25.4	47.2
148	65.6	43.7	81.1