Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028299.D
Acq On : 20 Nov 2018 23:43
Operator : MD/SY
Sample : J5986-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP9

Quant Time: Nov 21 08:02:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	155046	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	152083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67721	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	39228	3.36	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.20%			
7) Chloroethane-d5	1.68	69	38712	3.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.80%			
11) 1,1-Dichloroethene-d2	2.27	63	60349	2.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 52.00%#			
20) 2-Butanone-d5	4.22	46	210965	54.03	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.06%			
24) Chloroform-d	4.65	84	95738	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
26) 1,2-Dichloroethane-d4	5.31	65	55702	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.34	84	170642	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.00%			
36) 1,2-Dichloropropane-d6	6.33	67	71752	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%			
41) Toluene-d8	7.56	98	142703	3.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.80%			
43) trans-1,3-Dichloropropene-	7.85	79	23782	4.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.60%			
46) 2-Hexanone-d5	8.31	63	173194	56.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.74%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57734	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	56527	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	4285	0.27	ug/L #	69
13) Acetone	2.35	43	62478	23.27	ug/L	93
14) Carbon disulfide	2.48	76	4005	0.13	ug/L	100
17) Methyl tert-butyl Ether	3.01	73	830338	28.96	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	12805	1.26	ug/L	97
19) 1,1-Dichloroethane	3.44	63	3894	0.17	ug/L #	80
22) cis-1,2-Dichloroethene	4.22	96	84731	7.05	ug/L	93
34) Trichloroethene	6.18	95	45037	3.67	ug/L	95
40) 4-Methyl-2-pentanone	7.47	43	14567	1.42	ug/L #	91
54) o-xylene	9.78	106	2241	0.12	ug/L	92

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

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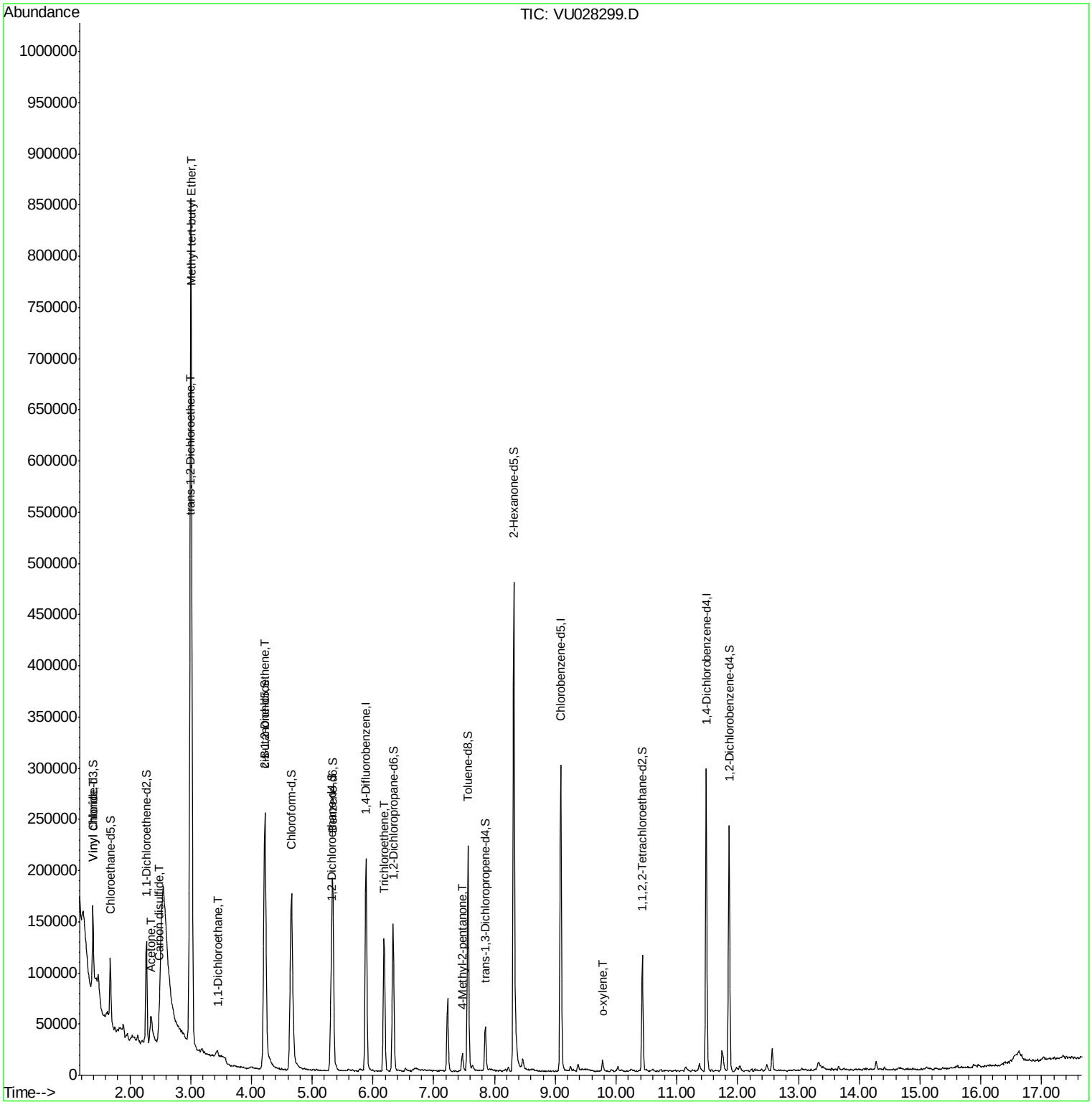
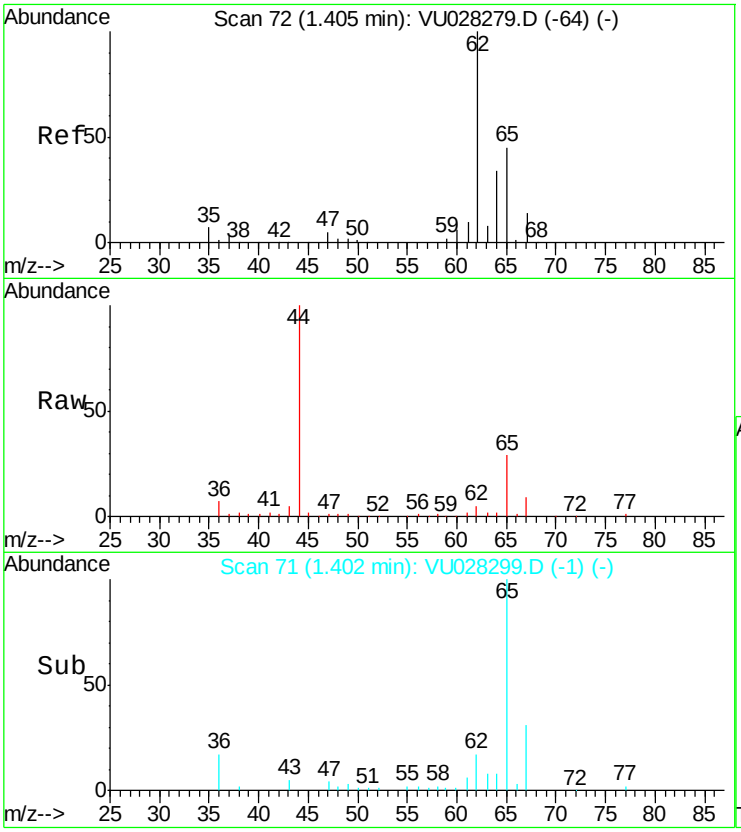


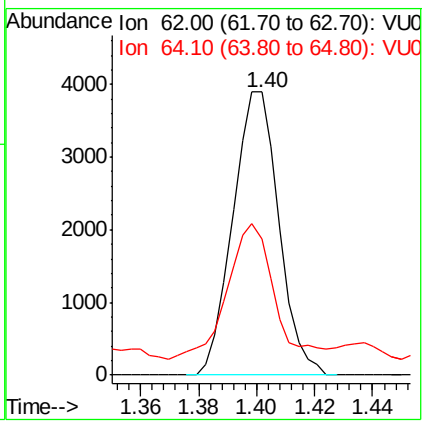


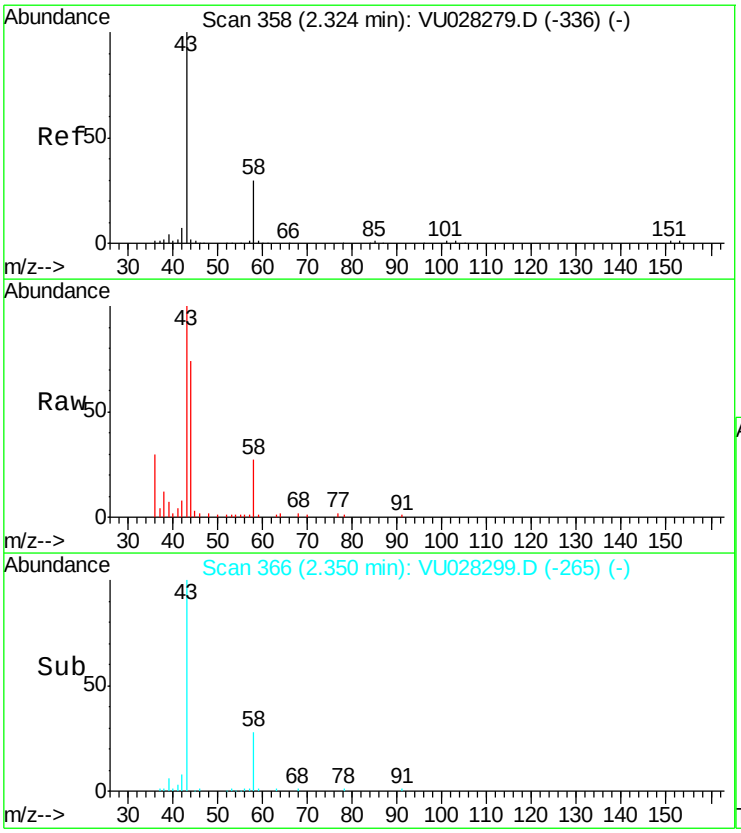
#5
Vinyl chloride
Concen: 0.27 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028299.D
Acq: 20 Nov 2018 23:43

Instrument : MSVOA_U
ClientSampleId : H0FP9

Tgt Ion: 62 Resp: 4285

Ion	Ratio	Lower	Upper
62	100		
64	48.1	21.7	40.3#

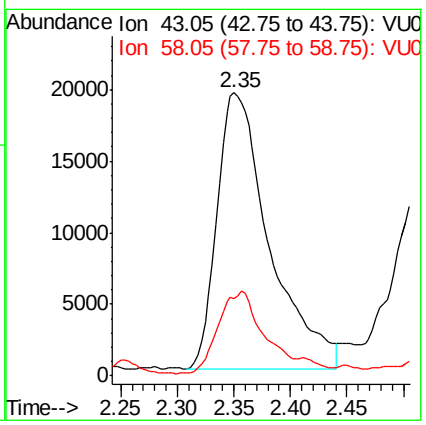


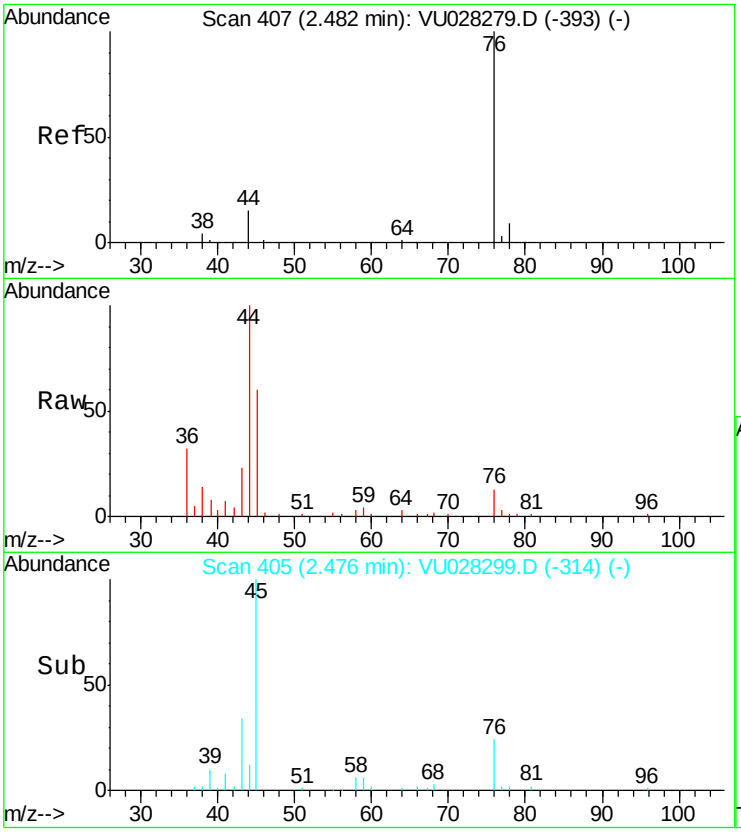


#13
Acetone
Concen: 23.27 ug/L
RT: 2.35 min Scan# 366
Delta R.T. 0.03 min
Lab File: VU028299.D
Acq: 20 Nov 2018 23:43

Tgt Ion: 43 Resp: 62478

Ion	Ratio	Lower	Upper
43	100		
58	25.6	0.0	58.6



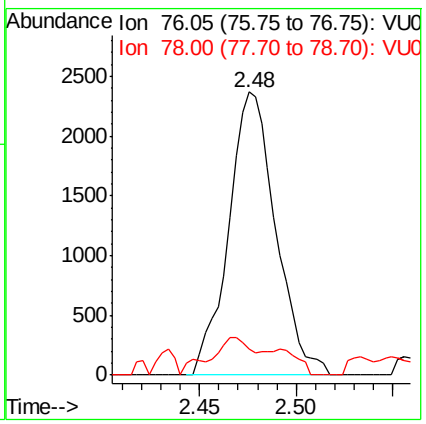


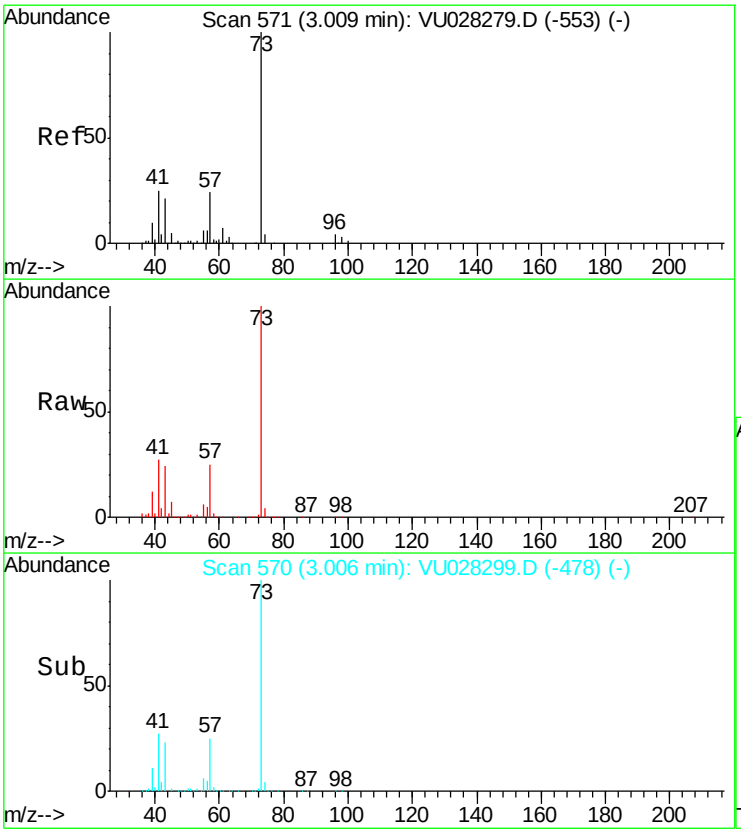
#14
Carbon disulfide
Concen: 0.13 ug/L
RT: 2.48 min Scan# 405
Delta R.T. -0.01 min
Lab File: VU028299.D
Acq: 20 Nov 2018 23:43

Instrument : MSVOA_U
ClientSampleId : H0FP9

Tgt Ion: 76 Resp: 4005

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.6	11.4

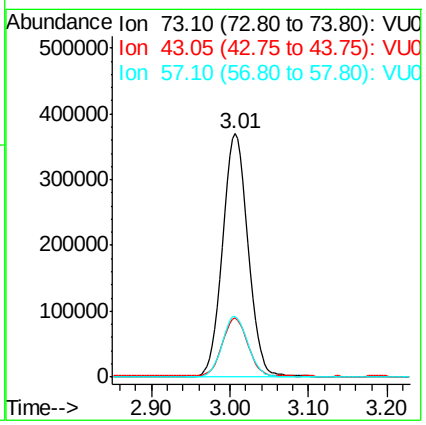


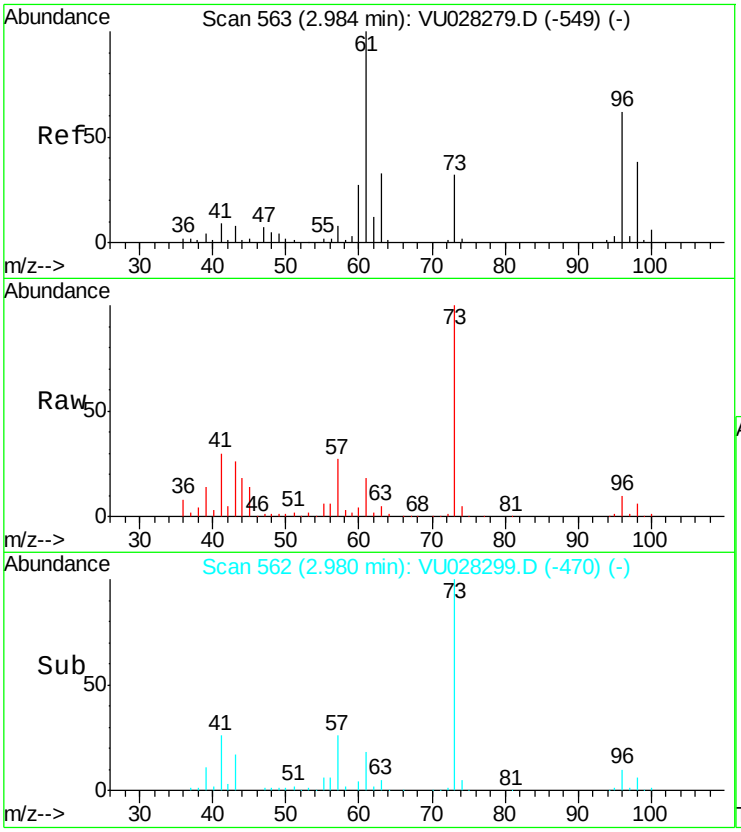


#17
Methyl tert-butyl Ether
Concen: 28.96 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU028299.D
Acq: 20 Nov 2018 23:43

Tgt Ion: 73 Resp: 830338

Ion	Ratio	Lower	Upper
73	100		
43	23.6	18.8	28.2
57	25.3	19.2	28.8



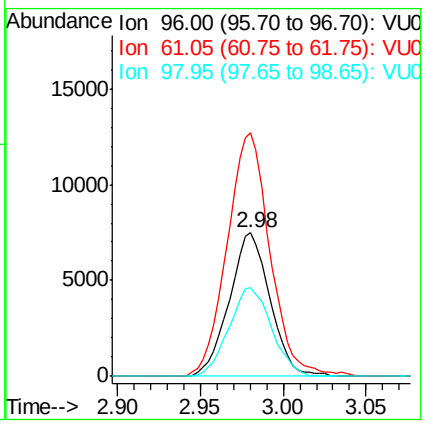


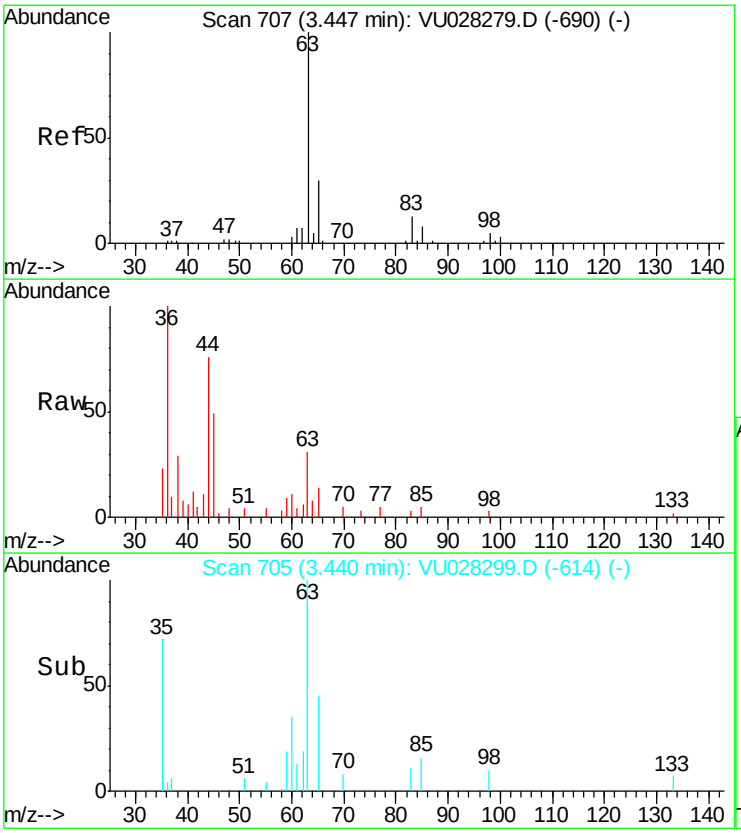
#18
trans-1,2-Dichloroethene
Concen: 1.26 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028299.D
Acq: 20 Nov 2018 23:43

Instrument :
MSVOA_U
ClientSampleId :
H0FP9

Tgt Ion: 96 Resp: 12805

Ion	Ratio	Lower	Upper
96	100		
61	169.9	122.2	227.0
98	61.8	44.9	83.5

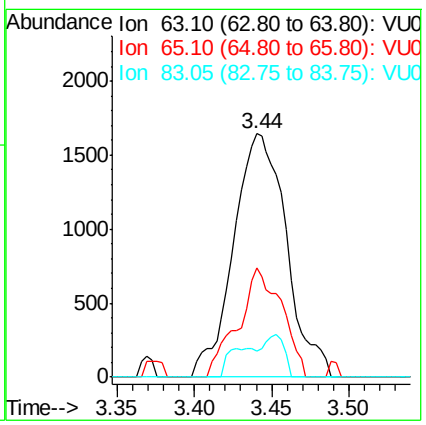


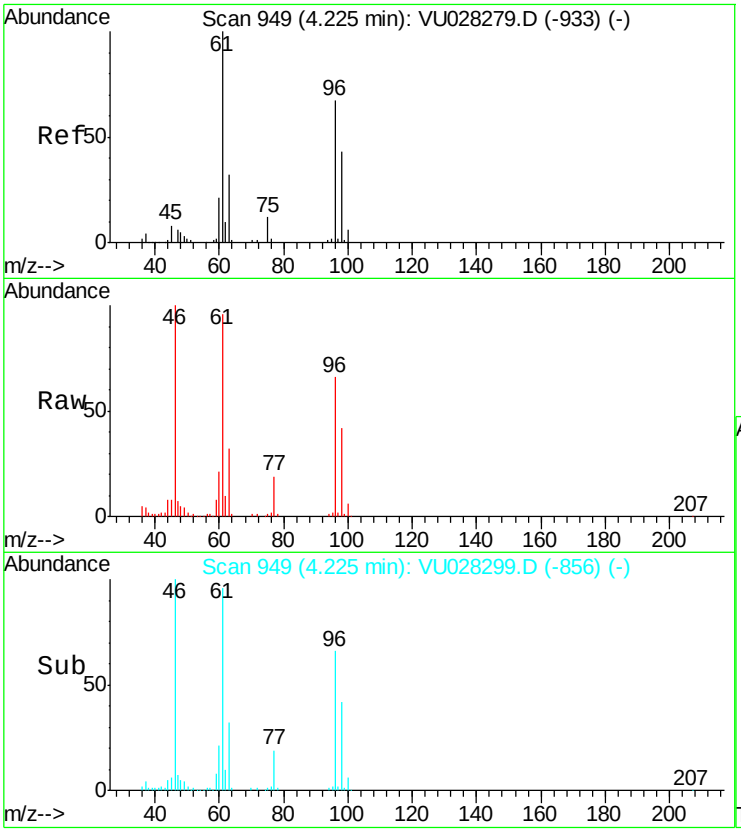


#19
1,1-Dichloroethane
Concen: 0.17 ug/L
RT: 3.44 min Scan# 705
Delta R.T. -0.01 min
Lab File: VU028299.D
Acq: 20 Nov 2018 23:43

Tgt Ion: 63 Resp: 3894

Ion	Ratio	Lower	Upper
63	100		
65	44.7	21.2	39.4#
83	10.9	8.8	16.4



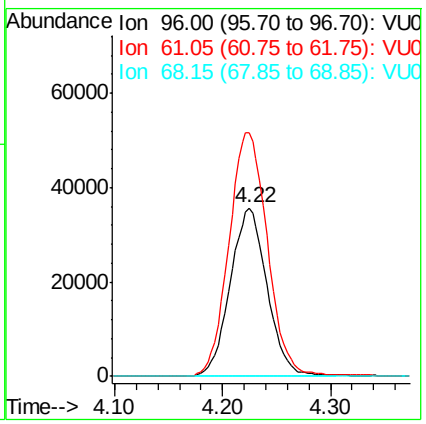


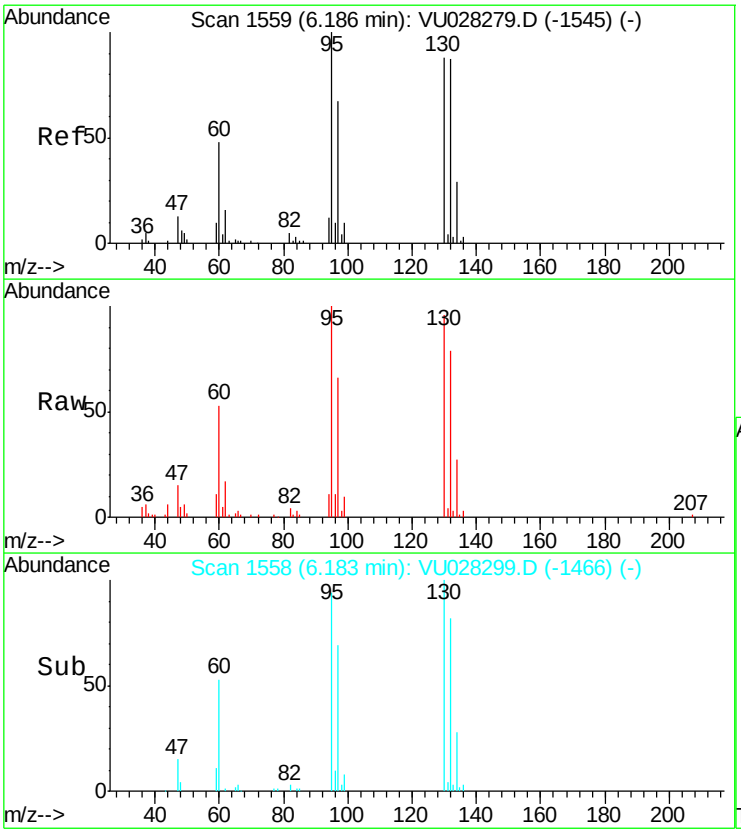
#22
cis-1,2-Dichloroethene
Concen: 7.05 ug/L
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU028299.D
Acq: 20 Nov 2018 23:43

Instrument :
MSVOA_U
ClientSampleId :
H0FP9

Tgt Ion: 96 Resp: 84731

Ion	Ratio	Lower	Upper
96	100		
61	144.8	108.0	200.6
68	0.0	0.0	0.0

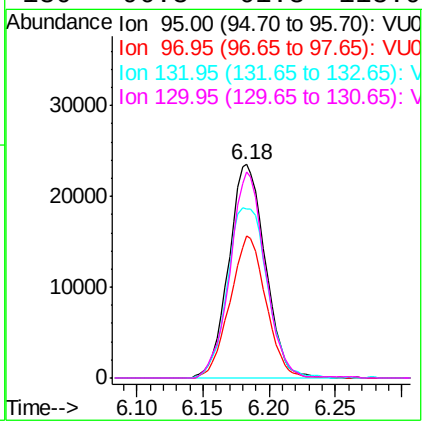


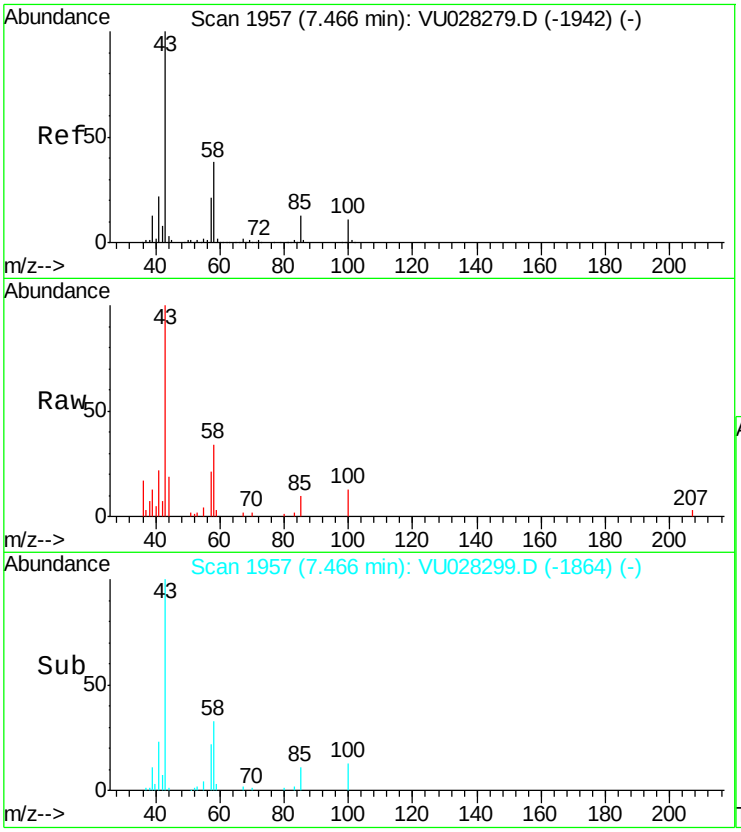


#34
Trichloroethene
Concen: 3.67 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VU028299.D
Acq: 20 Nov 2018 23:43

Tgt Ion: 95 Resp: 45037

Ion	Ratio	Lower	Upper
95	100		
97	66.4	46.5	86.3
132	79.1	58.9	109.3
130	96.3	61.3	113.9



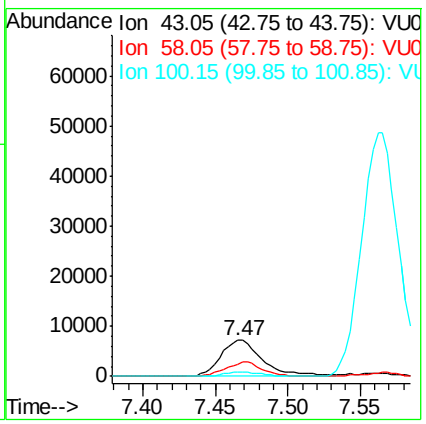


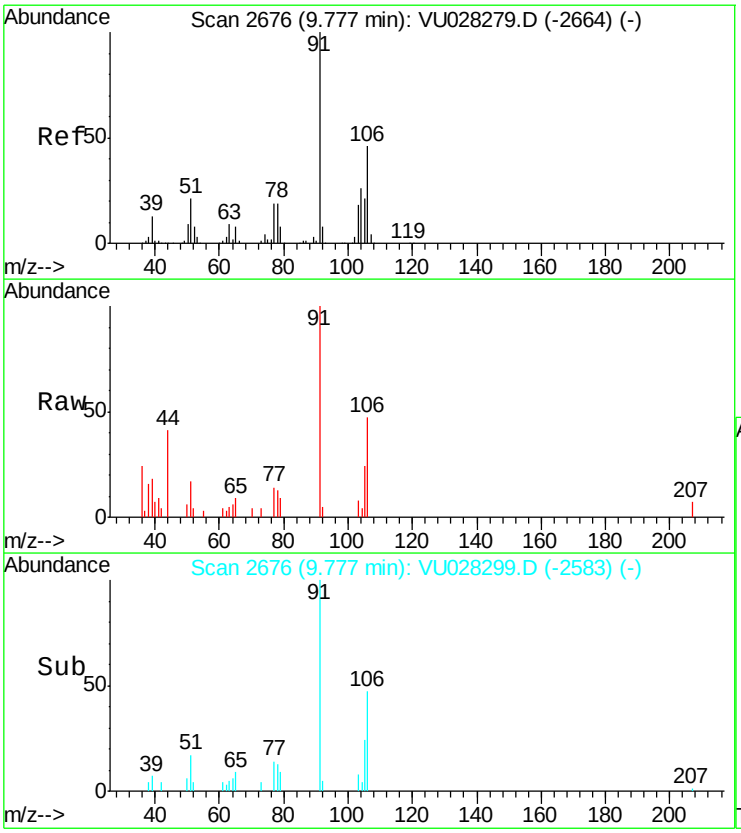
#40
4-Methyl-2-pentanone
Concen: 1.42 ug/L
RT: 7.47 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VU028299.D
Acq: 20 Nov 2018 23:43

Instrument :
MSVOA_U
ClientSampleId :
H0FP9

Tgt Ion: 43 Resp: 14567

Ion	Ratio	Lower	Upper
43	100		
58	33.9	28.8	43.2
100	0.0	8.0	12.0#





#54
o-xylene
Concen: 0.12 ug/L
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028299.D
Acq: 20 Nov 2018 23:43

Tgt Ion:106 Resp: 2241

Ion	Ratio	Lower	Upper
106	100		
91	211.8	157.5	292.5