Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031021.D
Acq On : 10 Apr 2019 19:12
Operator : JC/SP
Sample : K2249-15DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE7DL

Quant Time: Apr 11 06:39:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451021	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453957	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201415	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	220439	54.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.50%			
7) Chloroethane-d5	1.68	69	175953	57.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.16%			
11) 1,1-Dichloroethene-d2	2.27	63	311251	42.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.48%			
21) 2-Butanone-d5	4.17	46	358035	112.20	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.20%			
24) Chloroform-d	4.64	84	343138	55.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.58%			
26) 1,2-Dichloroethane-d4	5.30	65	245779	58.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.14%			
32) Benzene-d6	5.33	84	723233	54.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.14%			
36) 1,2-Dichloropropane-d6	6.32	67	245836	54.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.26%			
41) Toluene-d8	7.56	98	622179	52.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.94%			
43) trans-1,3-Dichloropropene-	7.85	79	107165	51.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.50%			
47) 2-Hexanone-d5	8.31	63	207339	99.89	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.89%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	338526	55.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.52%			
64) 1,2-Dichlorobenzene-d4	11.86	152	229709	57.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.98%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	25571	5.155	ug/L #	72
8) Chloroethane	1.69	64	13052	4.613	ug/L	100
12) 1,1-Dichloroethene	2.28	96	9432	3.025	ug/L #	1
17) trans-1,2-Dichloroethene	2.98	96	6764	2.043	ug/L	93
19) 1,1-Dichloroethane	3.44	63	307095	44.953	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	453640	124.111	ug/L	97
30) 1,1,1-Trichloroethane	4.91	97	352891	63.787	ug/L	100
34) Trichloroethene	6.19	95	3955	1.085	ug/L	88
42) Toluene	7.64	91	15504	1.022	ug/L	98
52) Ethylbenzene	9.25	91	29373	1.777	ug/L	95
53) m,p-Xylene	9.37	106	25217	4.374	ug/L	96
54) o-xylene	9.78	106	26245	4.577	ug/L	99

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

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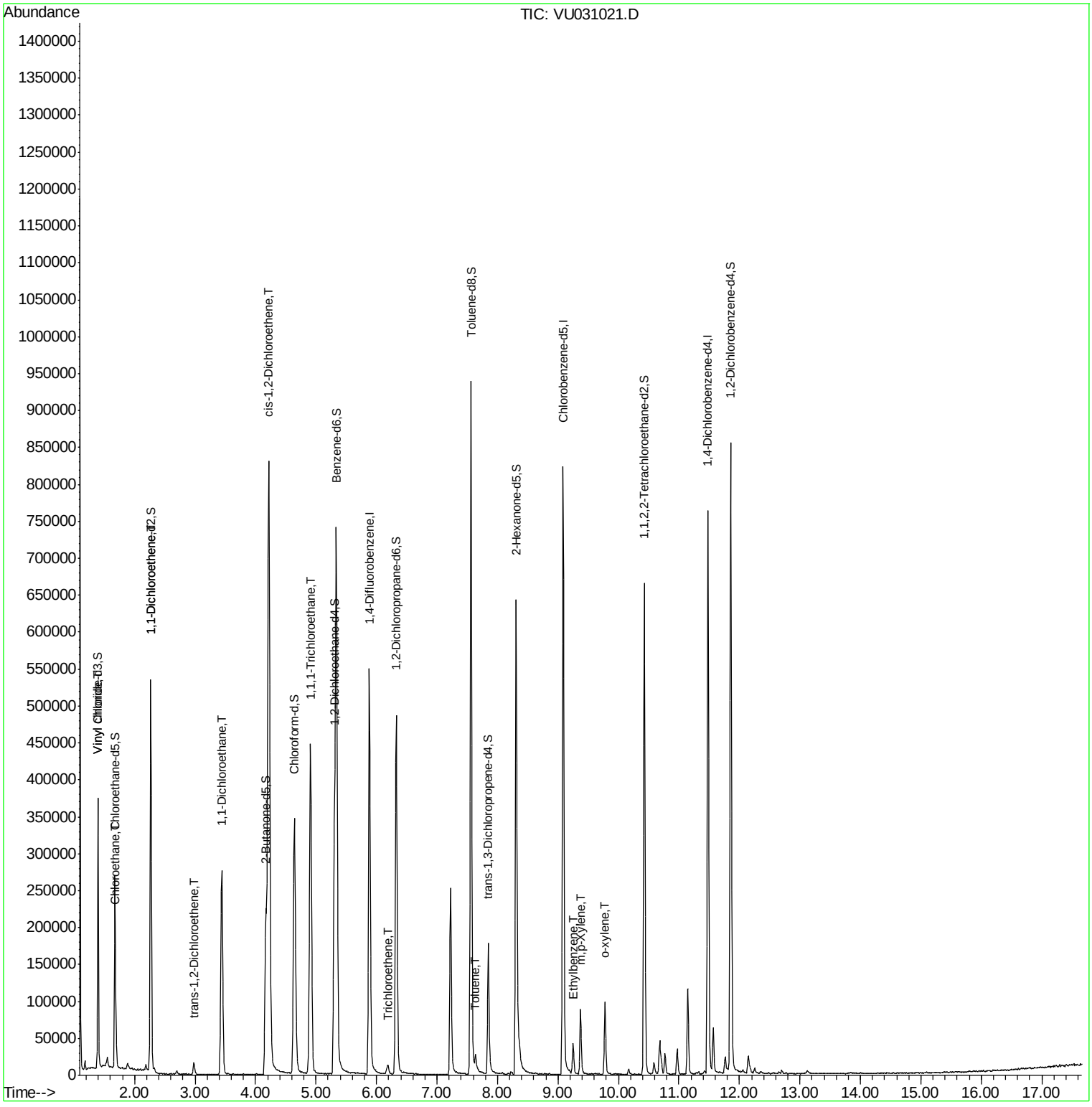
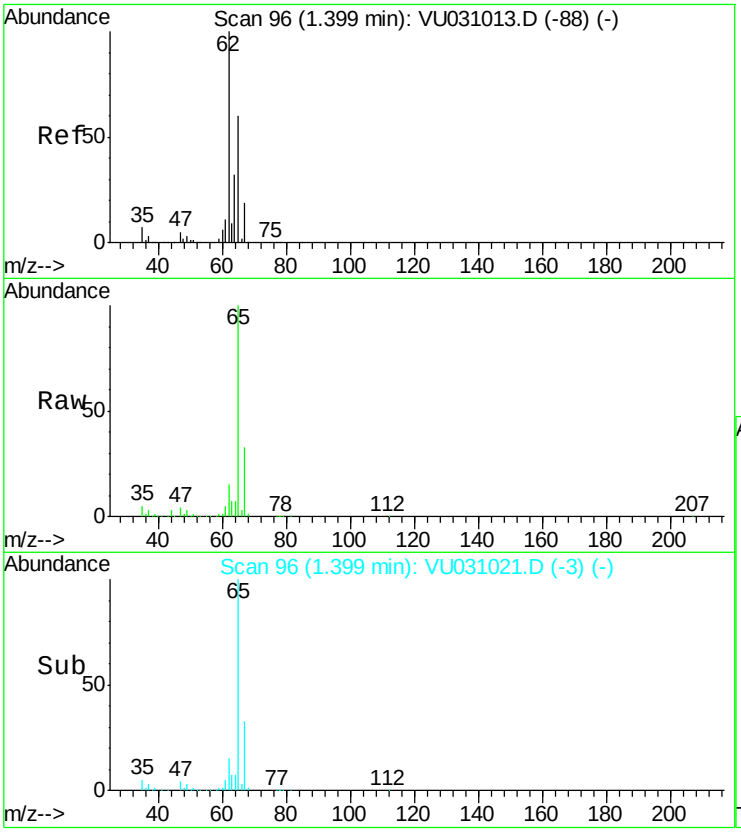


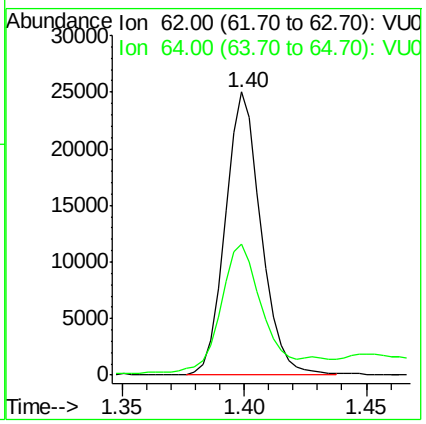


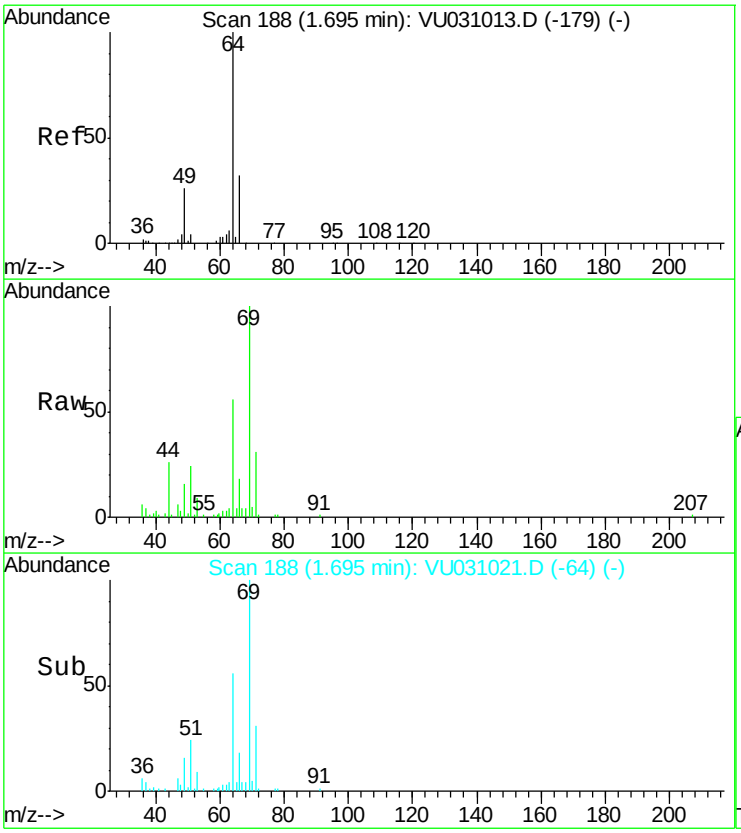
#5
Vinyl chloride
Concen: 5.155 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
E3YE7DL

Tgt Ion: 62 Resp: 25571

Ion	Ratio	Lower	Upper
62	100		
64	46.2	21.5	39.9#

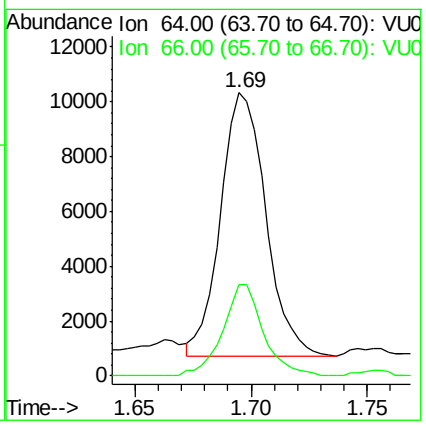


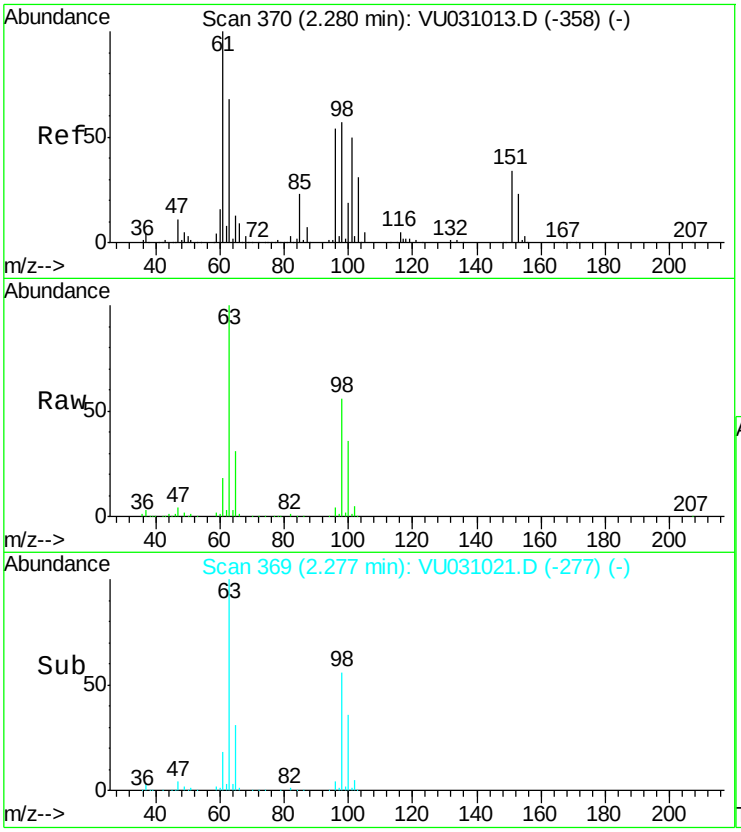


#8
Chloroethane
Concen: 4.613 ug/L
RT: 1.69 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Tgt Ion: 64 Resp: 13052

Ion	Ratio	Lower	Upper
64	100		
66	32.2	22.4	41.6



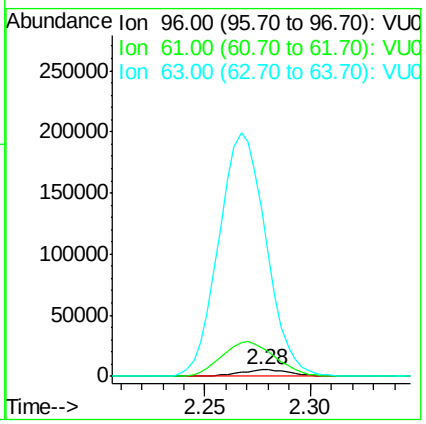


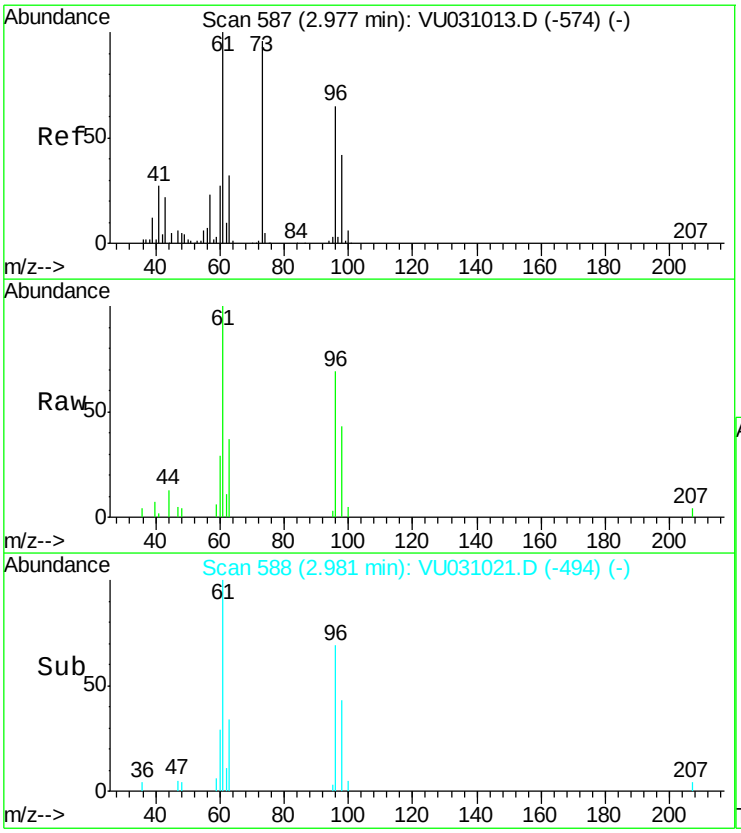
#12
1,1-Dichloroethene
Concen: 3.025 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
E3YE7DL

Tgt Ion: 96 Resp: 9432

Ion	Ratio	Lower	Upper
96	100		
61	442.5	132.0	245.2#
63	2518.3	90.9	168.9#

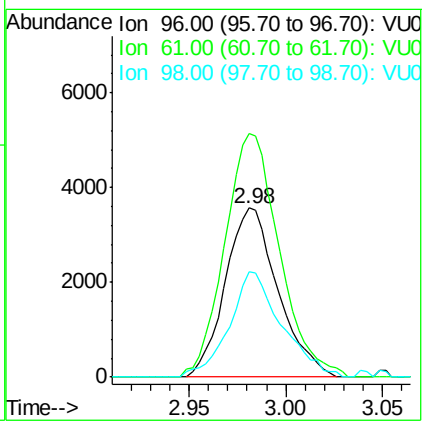


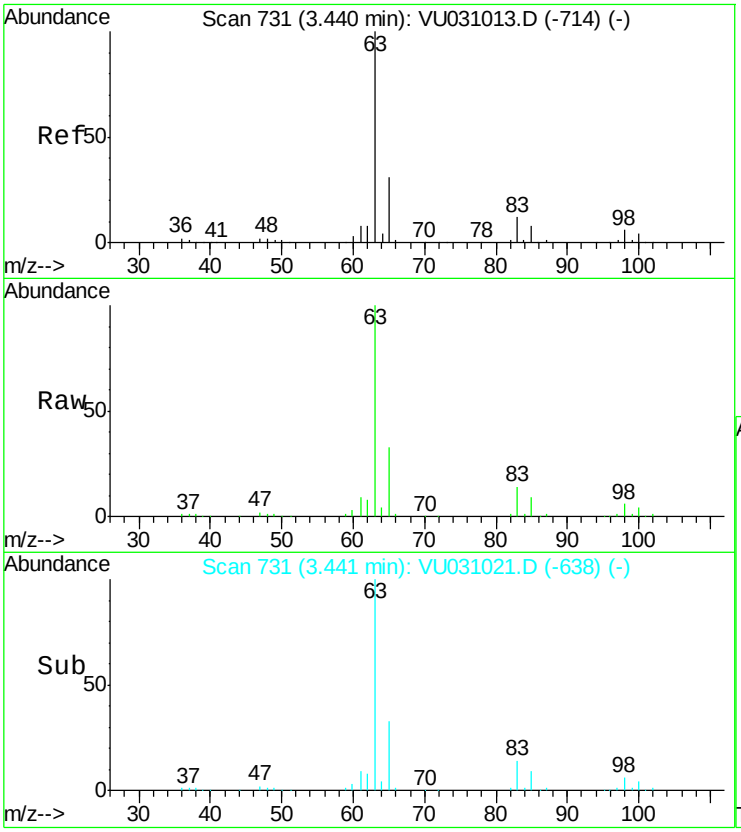


#17
trans-1,2-Dichloroethene
Concen: 2.043 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Tgt Ion: 96 Resp: 6764

Ion	Ratio	Lower	Upper
96	100		
61	144.1	109.5	203.3
98	62.6	44.0	81.6



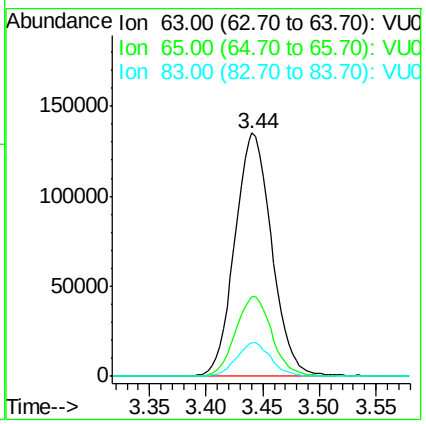


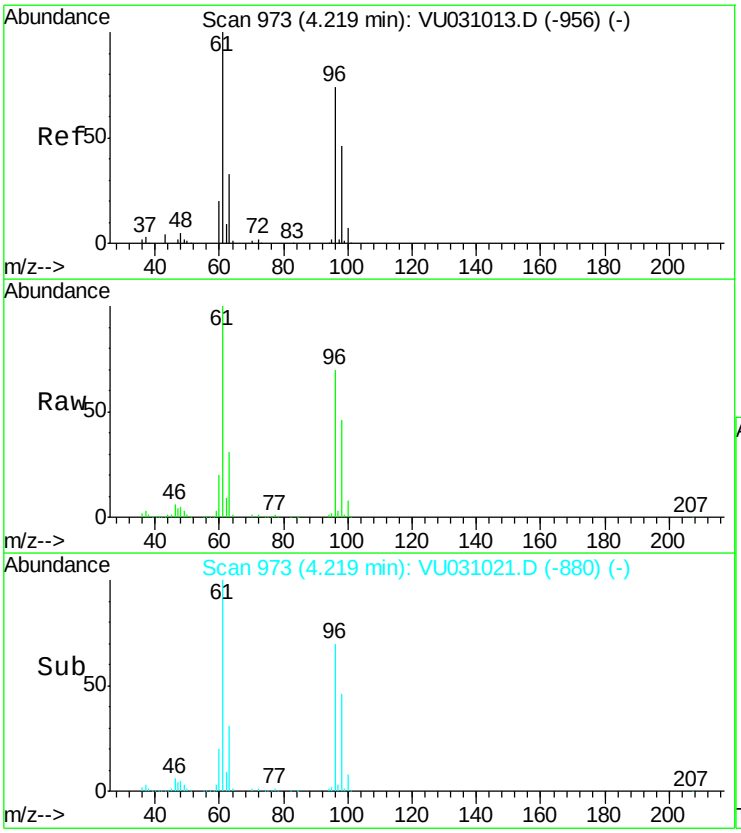
#19
1,1-Dichloroethane
Concen: 44.953 ug/L
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
E3YE7DL

Tgt Ion: 63 Resp: 307095

Ion	Ratio	Lower	Upper
63	100		
65	32.7	21.4	39.8
83	13.9	8.5	15.7

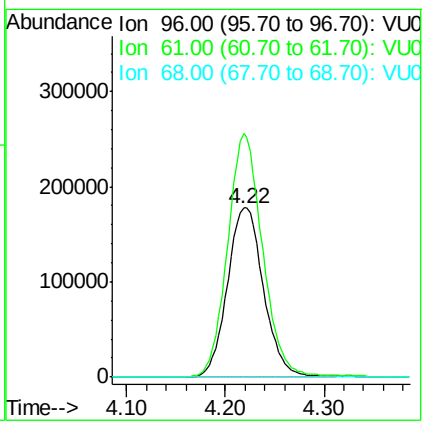


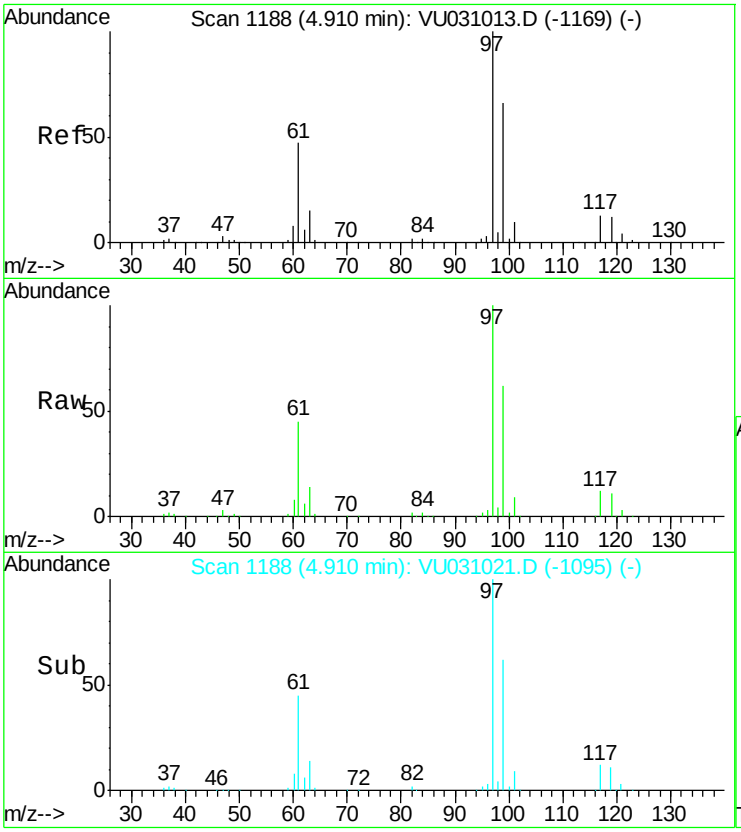


#20
cis-1,2-Dichloroethene
Concen: 124.111 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Tgt Ion: 96 Resp: 453640

Ion	Ratio	Lower	Upper
96	100		
61	143.8	102.9	191.1
68	0.0	0.0	0.0



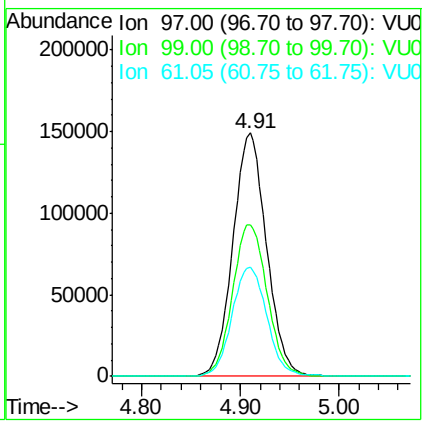


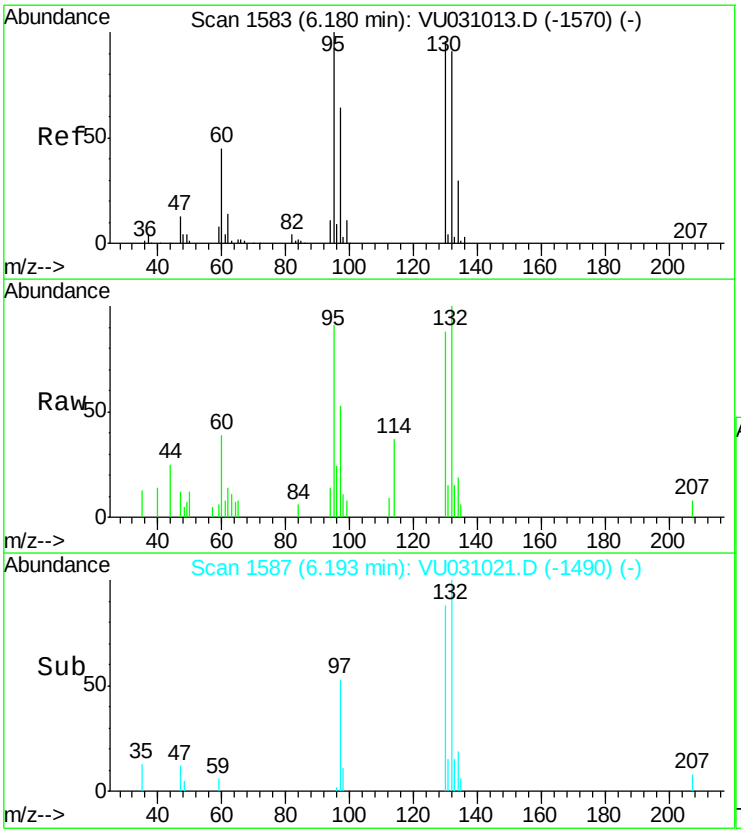
#30
1,1,1-Trichloroethane
Concen: 63.787 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Instrument : MSVOA_U
ClientSampleId : E3YE7DL

Tgt Ion: 97 Resp: 352891

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.2
61	46.3	37.1	55.7

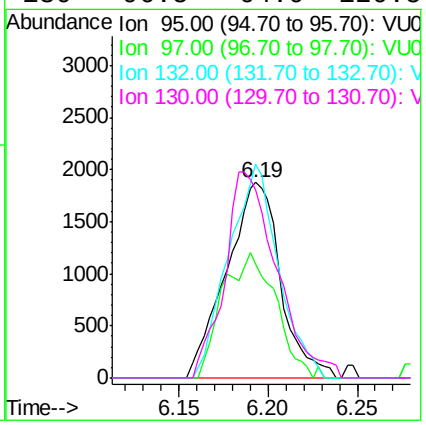


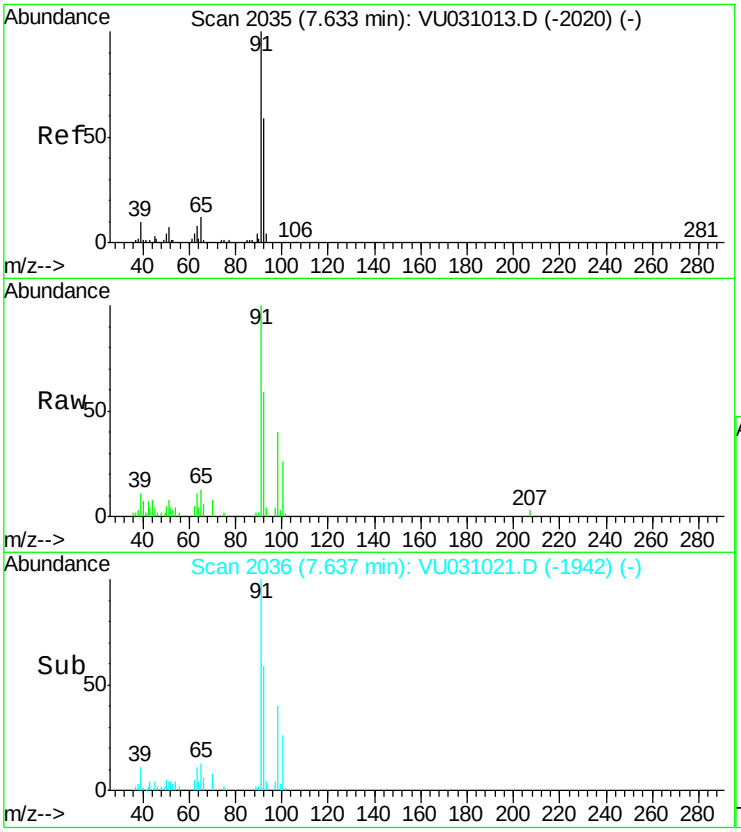


#34
Trichloroethene
Concen: 1.085 ug/L
RT: 6.19 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Tgt Ion: 95 Resp: 3955

Ion	Ratio	Lower	Upper
95	100		
97	58.3	44.5	82.7
132	109.4	61.5	114.1
130	96.5	64.9	120.5



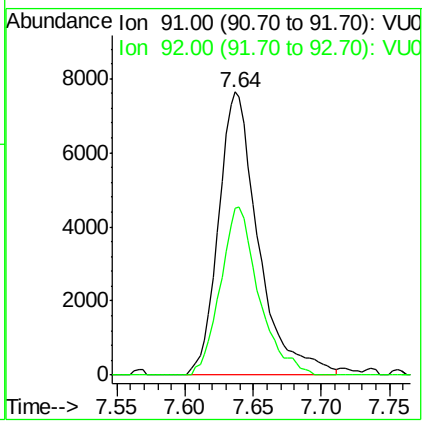


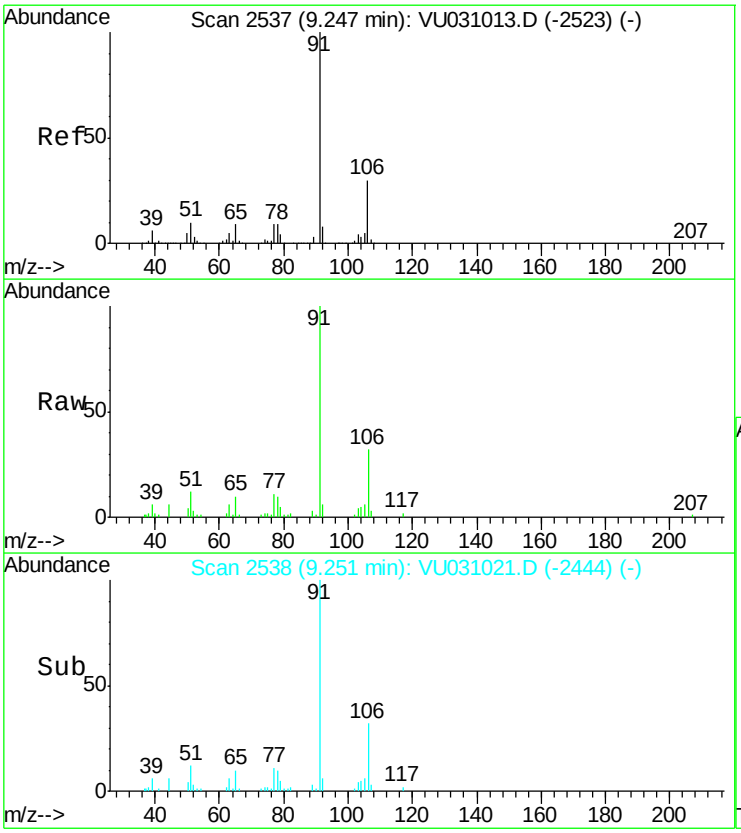
#42
Toluene
Concen: 1.022 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Instrument : MSVOA_U
ClientSampleId : E3YE7DL

Tgt Ion: 91 Resp: 15504

Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.0	74.4

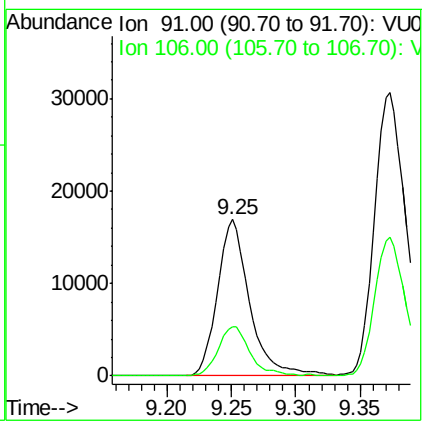


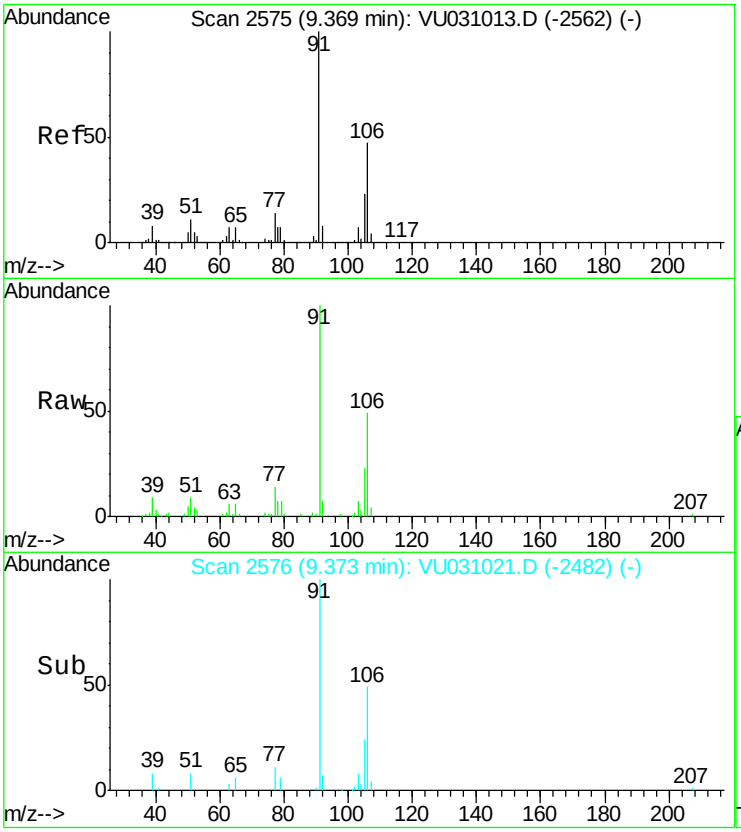


#52
Ethylbenzene
Concen: 1.777 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Tgt Ion: 91 Resp: 29373

Ion	Ratio	Lower	Upper
91	100		
106	31.8	20.4	37.8



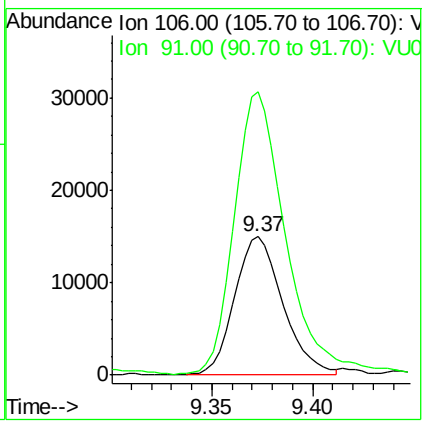


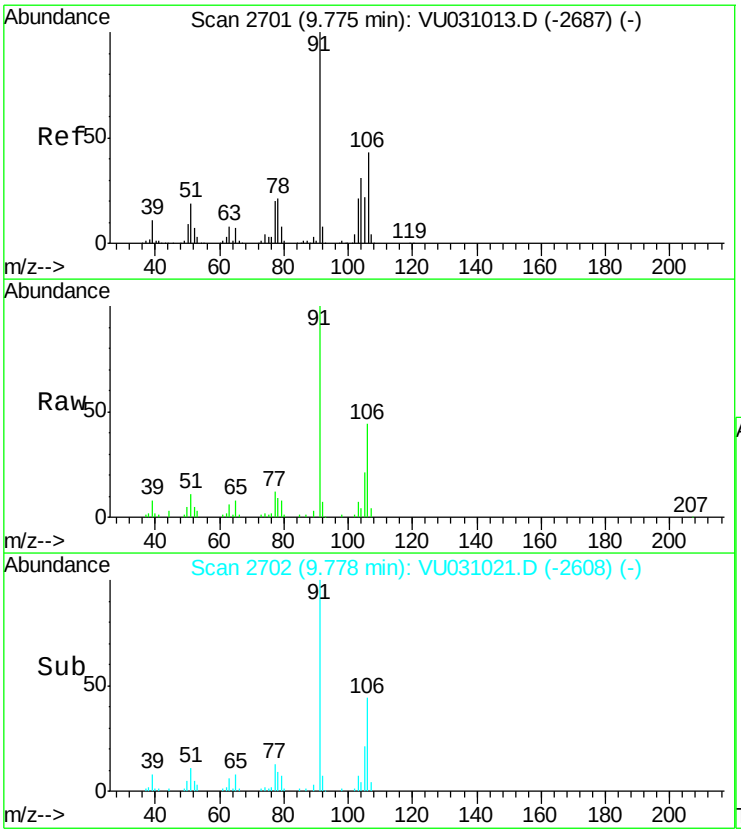
#53
m,p-Xylene
Concen: 4.374 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
E3YE7DL

Tgt Ion:106 Resp: 25217

Ion	Ratio	Lower	Upper
106	100		
91	204.4	148.0	274.8





#54
o-xylene
Concen: 4.577 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU031021.D
Acq: 10 Apr 2019 19:12

Tgt Ion:106 Resp: 26245

Ion	Ratio	Lower	Upper
106	100		
91	225.7	156.7	290.9