Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081020\
Data File : VU039826.D
Acq On : 10 Aug 2020 15:59
Operator : SY/MD
Sample : L3578-01DL 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFWN9DL

Quant Time: Aug 11 05:30:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 11 04:57:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	72208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70013	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34382	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	23112	5.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 118.60%			
7) Chloroethane-d5	1.92	69	21022	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.80%			
11) 1,1-Dichloroethene-d2	2.57	63	32500	4.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.80%			
20) 2-Butanone-d5	4.66	46	89022	51.91	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.82%			
24) Chloroform-d	5.08	84	45131	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.72	65	27127	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.74	84	84786	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
36) 1,2-Dichloropropane-d6	6.70	67	27667	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.91	98	71252	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
43) trans-1,3-Dichloropropene-	8.19	79	9778	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.64	63	58542	49.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.92%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	25254	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	31181	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	96011	16.353	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2514	0.507	ug/L	95
12) 1,1-Dichloroethene	2.59	96	1349	0.313	ug/L #	1
16) Methylene chloride	3.06	84	1884	0.271	ug/L	76
18) trans-1,2-Dichloroethene	3.37	96	19624	4.092	ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	1499688	287.528	ug/L	92
42) Toluene	7.98	91	14991	0.748	ug/L	97
53) m,p-Xylene	9.69	106	1879	0.220	ug/L	90

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

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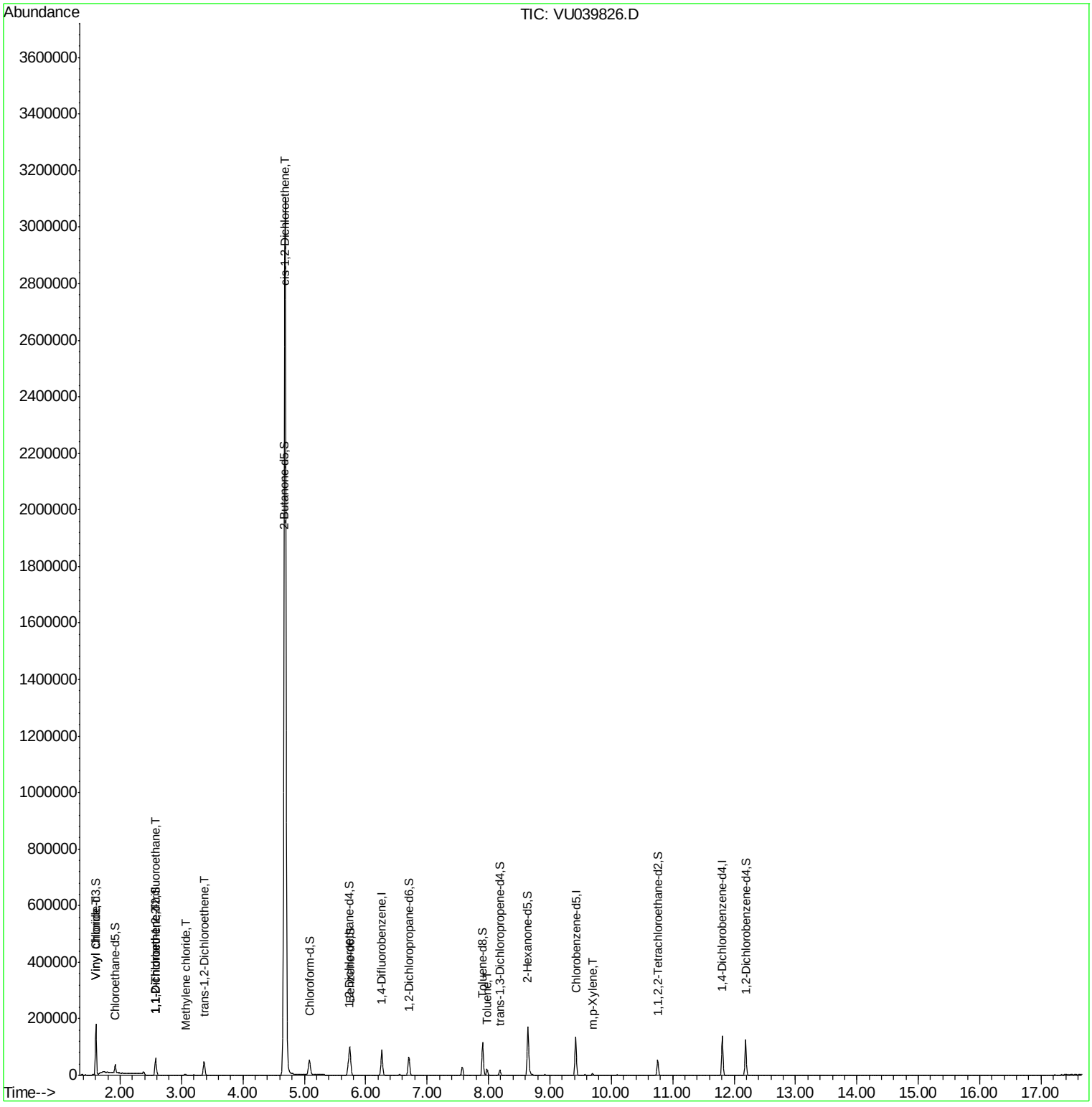
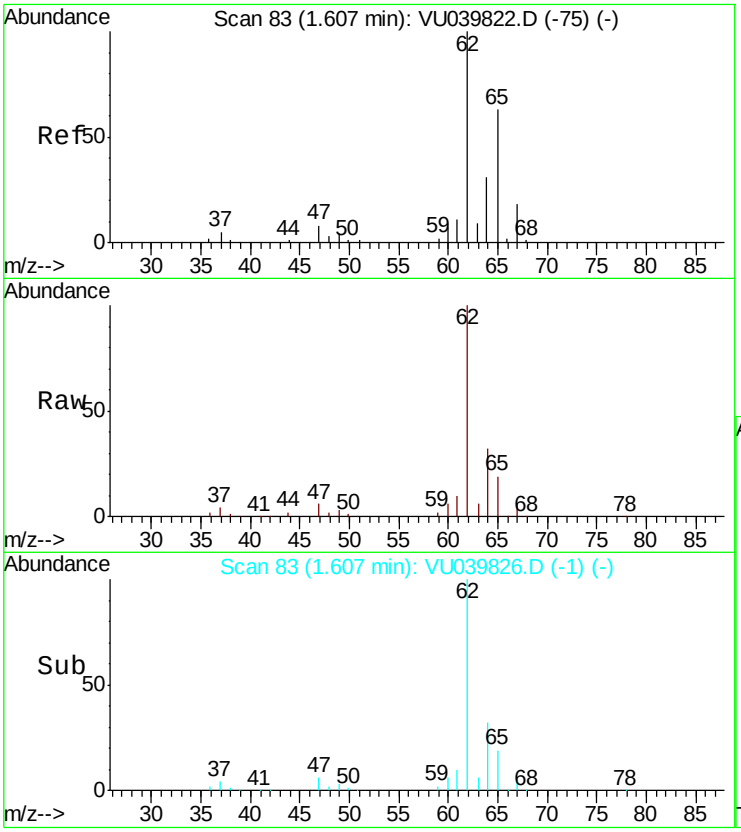
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFWN9DL

Quant Time: Aug 11 05:30:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 11 04:57:12 2020
Response via : Initial Calibration



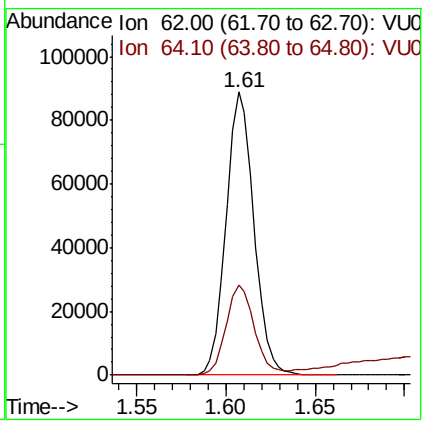


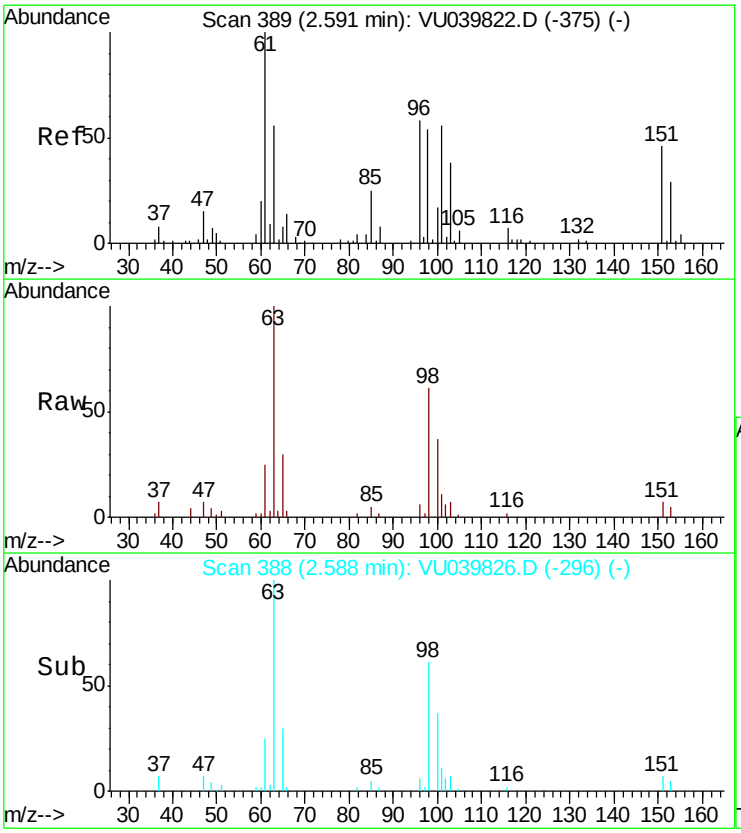
#5
Vinyl chloride
Concen: 16.353 ug/L
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU039826.D
Acq: 10 Aug 2020 15:59

Instrument :
MSVOA_U
ClientSampleId :
BFWN9DL

Tgt Ion: 62 Resp: 96011

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.1	44.7

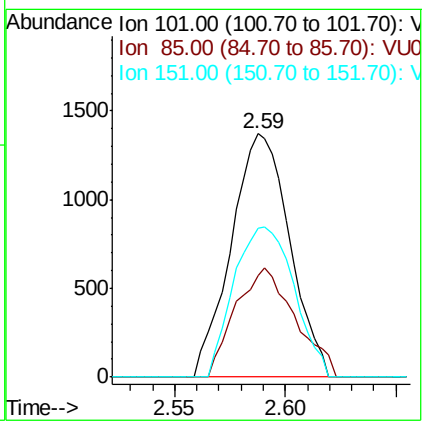


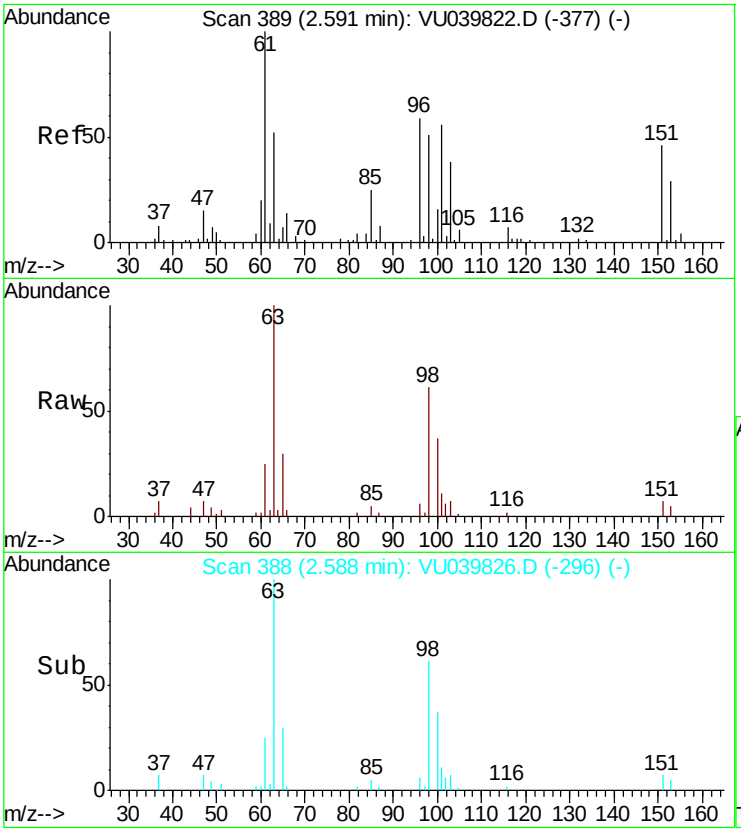


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.507 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.00 min
Lab File: VU039826.D
Acq: 10 Aug 2020 15:59

Tgt Ion:101 Resp: 2514

Ion	Ratio	Lower	Upper
101	100		
85	45.6	37.9	56.9
151	63.6	54.7	82.1



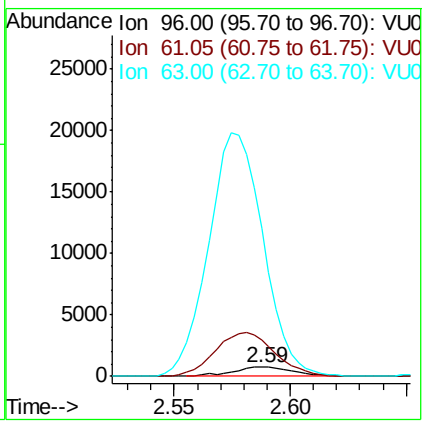


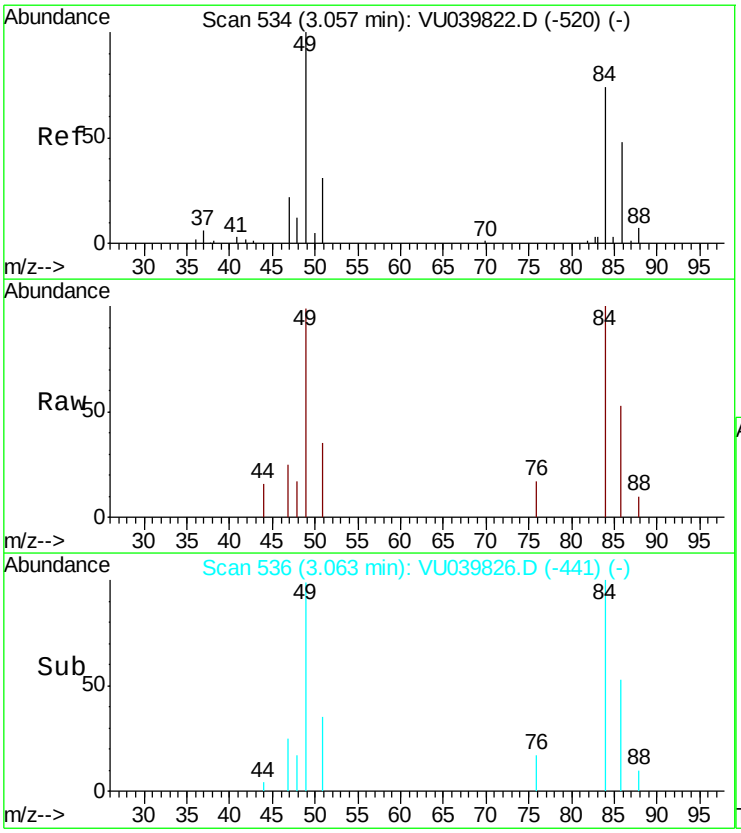
#12
1,1-Dichloroethene
Concen: 0.313 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.00 min
Lab File: VU039826.D
Acq: 10 Aug 2020 15:59

Instrument : MSVOA_U
ClientSampleId : BFWN9DL

Tgt Ion: 96 Resp: 1349

Ion	Ratio	Lower	Upper
96	100		
61	391.7	121.7	225.9#
63	1581.6	82.1	152.5#

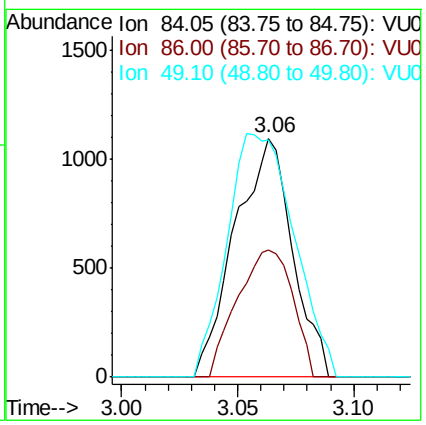


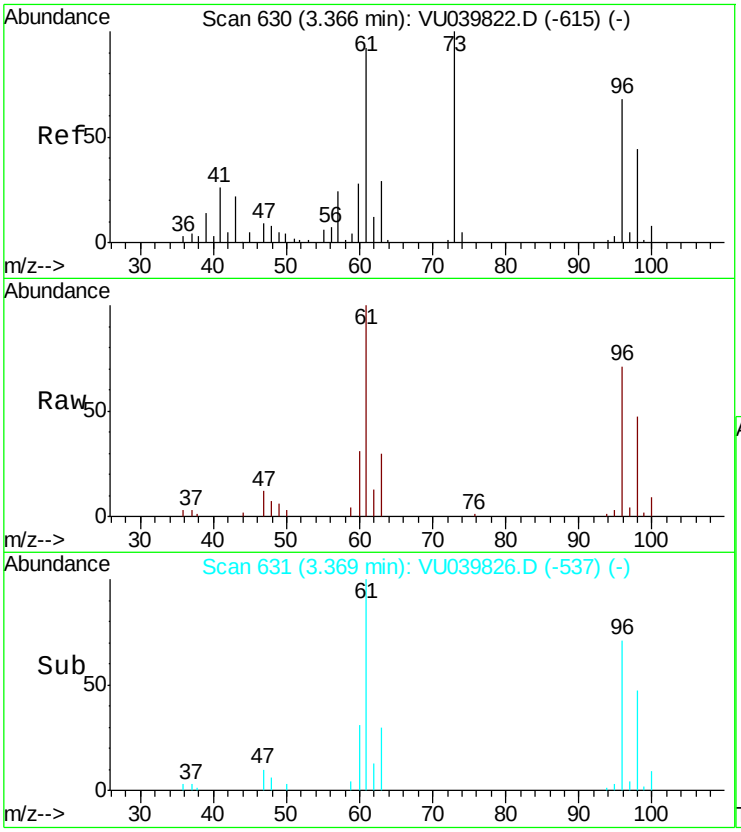


#16
Methylene chloride
Concen: 0.271 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.01 min
Lab File: VU039826.D
Acq: 10 Aug 2020 15:59

Tgt Ion: 84 Resp: 1884

Ion	Ratio	Lower	Upper
84	100		
86	53.1	43.9	81.5
49	99.4	94.4	175.4



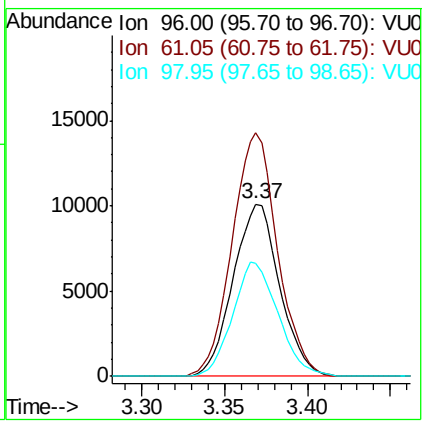


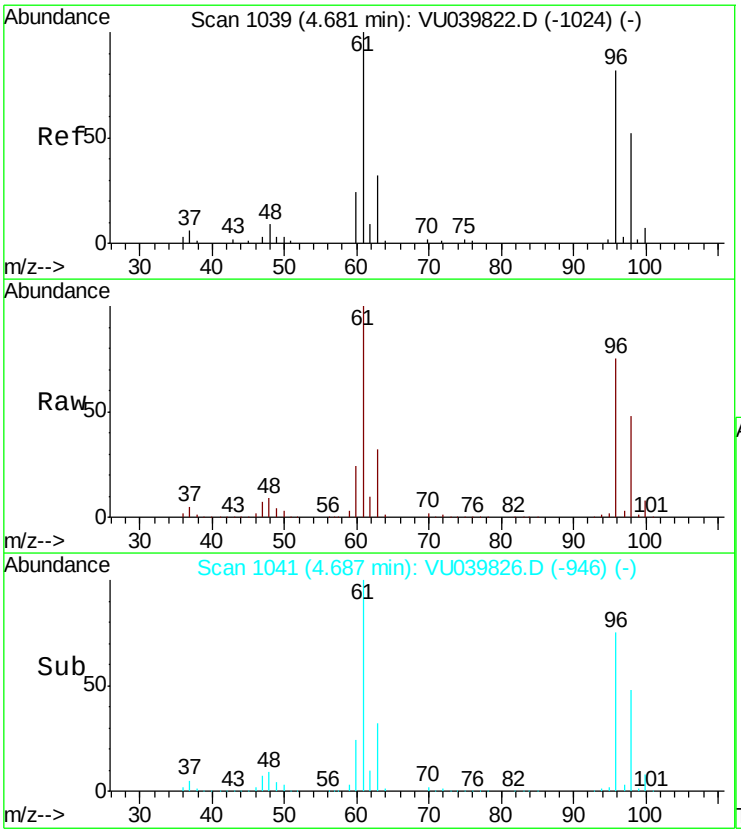
#18
trans-1,2-Dichloroethene
Concen: 4.092 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU039826.D
Acq: 10 Aug 2020 15:59

Instrument :
MSVOA_U
ClientSampleId :
BFWN9DL

Tgt Ion: 96 Resp: 19624

Ion	Ratio	Lower	Upper
96	100		
61	141.6	96.5	179.1
98	66.0	40.9	76.0

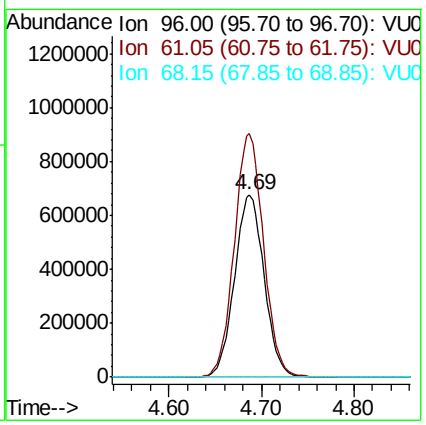


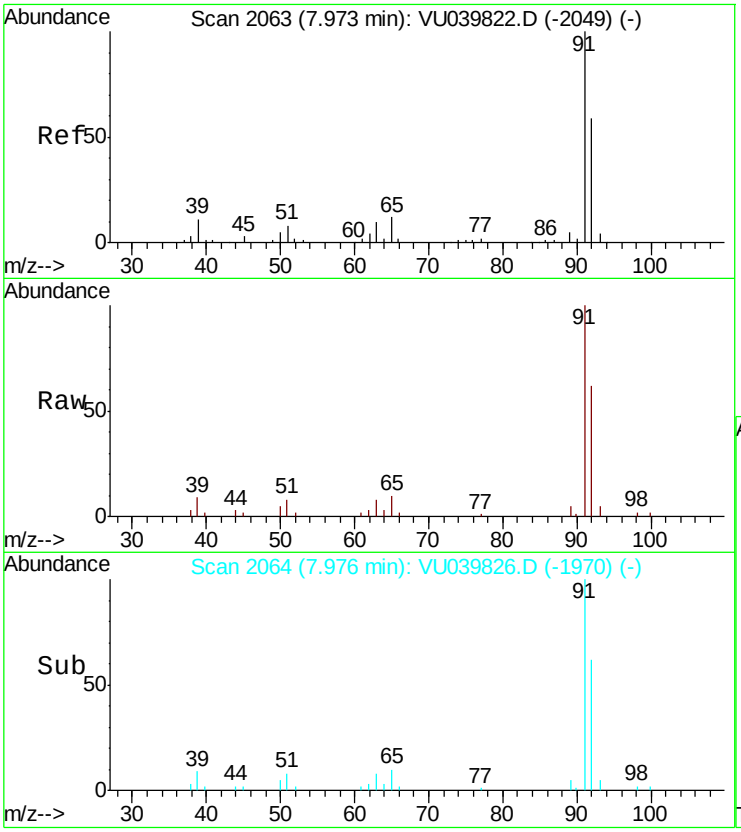


#22
cis-1,2-Dichloroethene
Concen: 287.528 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU039826.D
Acq: 10 Aug 2020 15:59

Tgt Ion: 96 Resp: 1499688

Ion	Ratio	Lower	Upper
96	100		
61	133.5	87.4	162.2
68	0.0	0.0	0.0



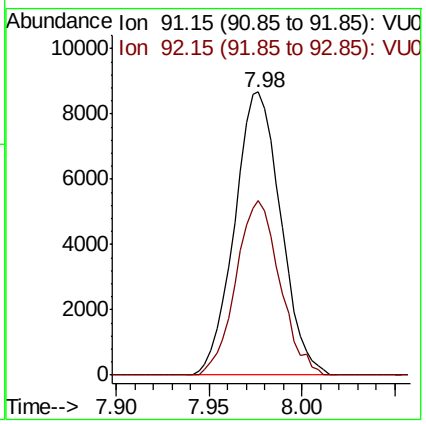


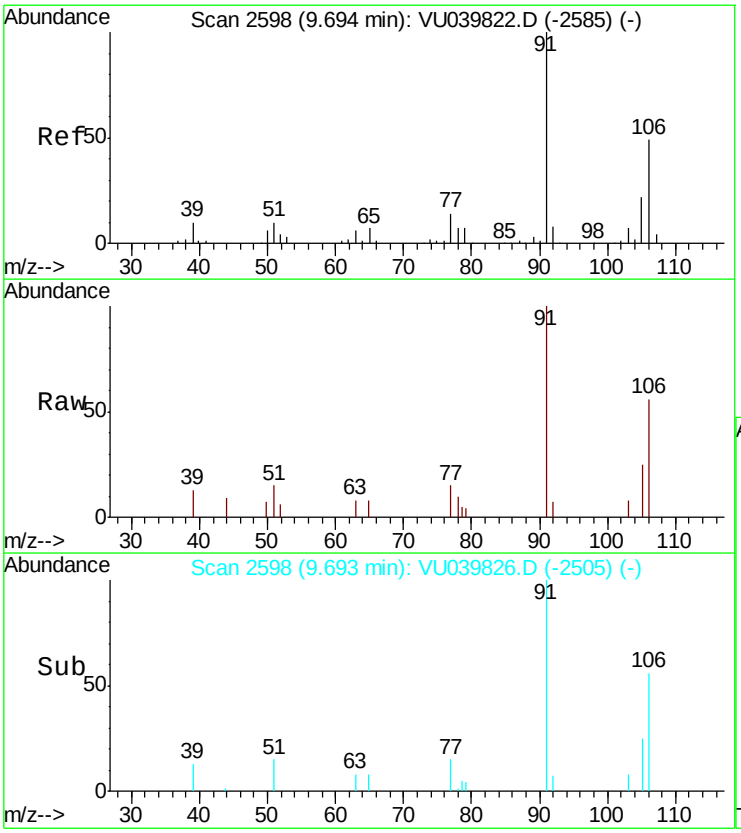
#42
Toluene
Concen: 0.748 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU039826.D
Acq: 10 Aug 2020 15:59

Instrument : MSVOA_U
ClientSampleId : BFWN9DL

Tgt Ion: 91 Resp: 14991

Ion	Ratio	Lower	Upper
91	100		
92	61.6	41.6	77.3





#53
m,p-Xylene
Concen: 0.220 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU039826.D
Acq: 10 Aug 2020 15:59

Tgt Ion:106 Resp: 1879

Ion	Ratio	Lower	Upper
106	100		
91	178.8	135.5	251.7