Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031620\
Data File : VU037296.D
Acq On : 16 Mar 2020 16:37
Operator : JC/MD
Sample : L1891-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Mar 17 01:35:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 17 01:33:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	137813	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	135363	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	61797	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	33425	4.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.00%			
7) Chloroethane-d5	1.93	69	29671	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.59	63	82689	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.80%			
20) 2-Butanone-d5	4.68	46	112261	51.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.50%			
24) Chloroform-d	5.10	84	76760	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.74	65	45374	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
32) Benzene-d6	5.76	84	138519	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.73	67	45659	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.92	98	127164	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
43) trans-1,3-Dichloropropene-	8.20	79	19017	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
46) 2-Hexanone-d5	8.66	63	92603	49.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.14%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37884	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	12.21	152	50936	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	11900	0.760	ug/L #	43
5) Vinyl chloride	1.62	62	1364	0.097	ug/L #	1
12) 1,1-Dichloroethene	2.60	96	55900	6.327	ug/L	96
13) Acetone	2.67	43	4992	2.721	ug/L	89
14) Carbon disulfide	2.82	76	7846	0.276	ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	107279	11.266	ug/L	99
19) 1,1-Dichloroethane	3.91	63	38568	2.011	ug/L	93
22) cis-1,2-Dichloroethene	4.71	96	1082450	102.466	ug/L	97
27) 1,2-Dichloroethane	5.82	62	2282	0.156	ug/L #	76
33) Benzene	5.81	78	221285	5.443	ug/L	100
34) Trichloroethene	6.57	95	56173	5.058	ug/L	98
35) Methylcyclohexane	6.72	83	10535	0.627	ug/L #	20
42) Toluene	8.00	91	225934	5.155	ug/L	99
51) Chlorobenzene	9.47	112	144563	5.111	ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	8395	1.099	ug/L	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031620\
Data File : VU037296.D
Acq On : 16 Mar 2020 16:37
Operator : JC/MD
Sample : L1891-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 17 01:35:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 17 01:33:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

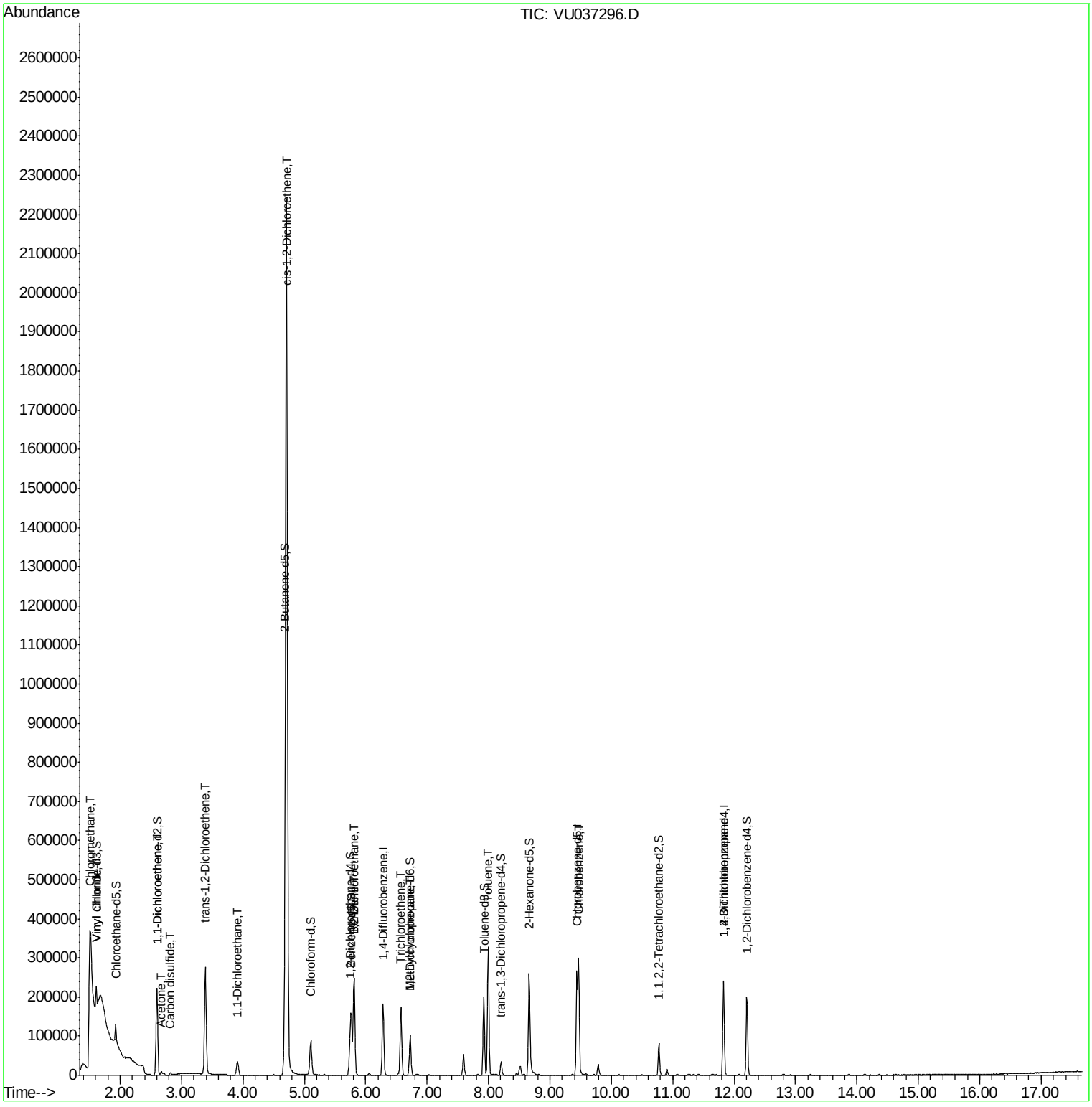
(#) = qualifier out of range (m) = manual integration (+) = signals summed

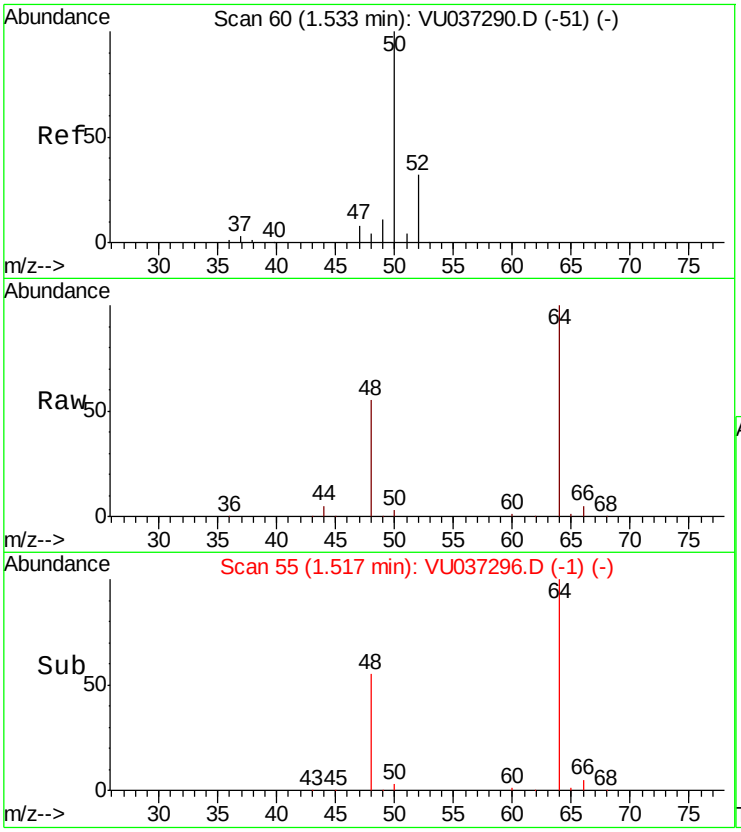
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
Data File : VU037296.D
Acq On : 16 Mar 2020 16:37
Operator : JC/MD
Sample : L1891-09MS
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 17 01:35:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 17 01:33:31 2020
Response via : Initial Calibration



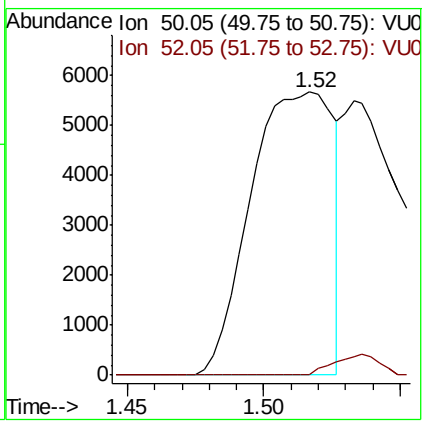


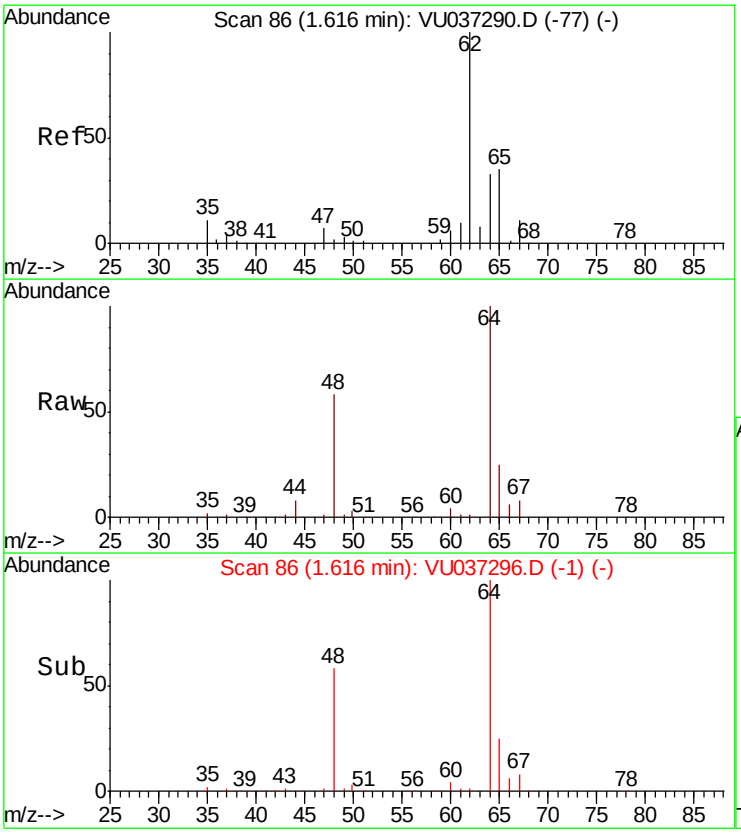
#3
Chloromethane
Concen: 0.760 ug/L
RT: 1.52 min Scan# 55
Delta R.T. -0.02 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 11900

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.3	41.5#

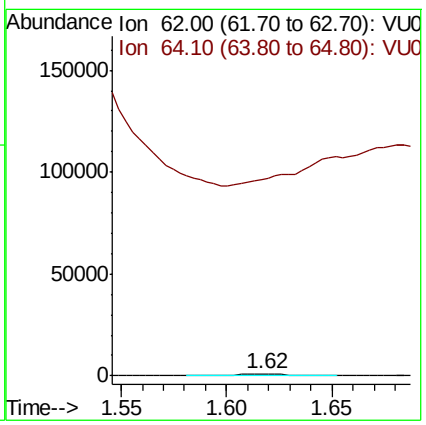


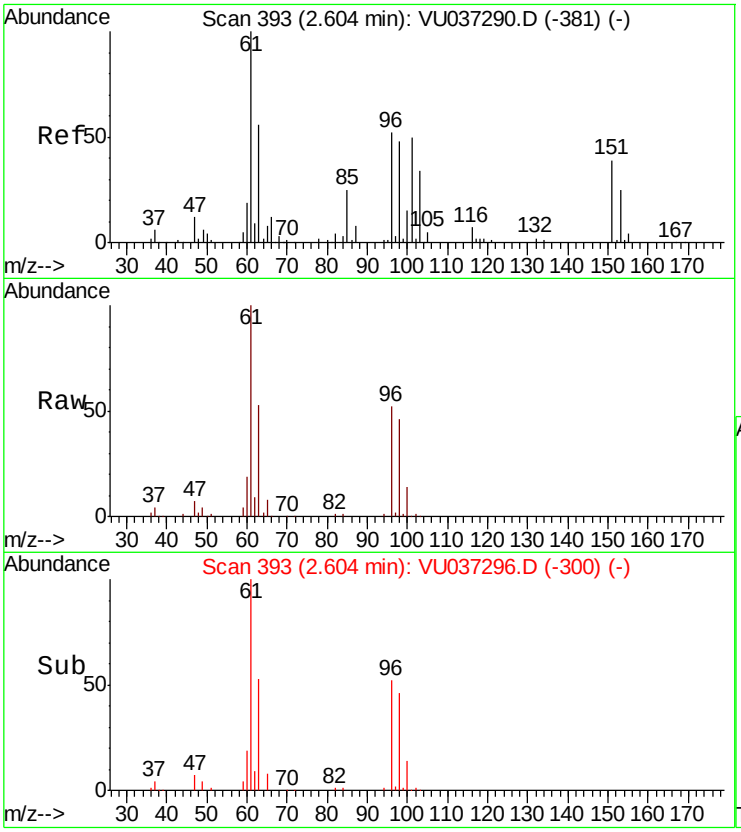


#5
Vinyl chloride
Concen: 0.097 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Tgt Ion: 62 Resp: 1364

Ion	Ratio	Lower	Upper
62	100		
64	9323.8	22.8	42.4#



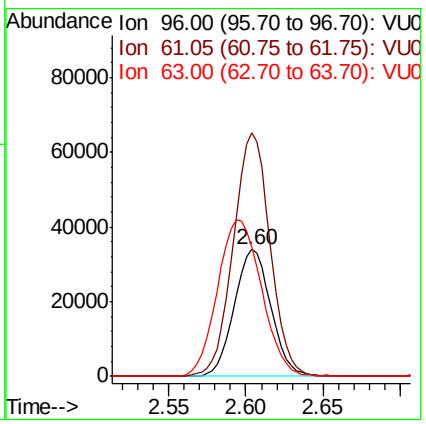


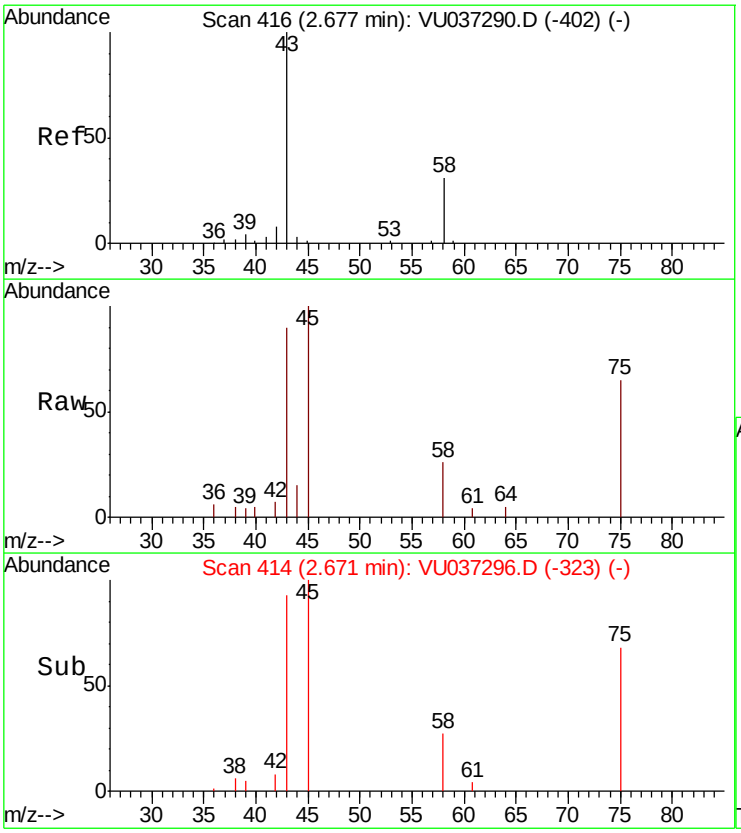
#12
1,1-Dichloroethene
Concen: 6.327 ug/L
RT: 2.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 55900

Ion	Ratio	Lower	Upper
96	100		
61	191.8	134.3	249.5
63	102.4	80.3	149.1

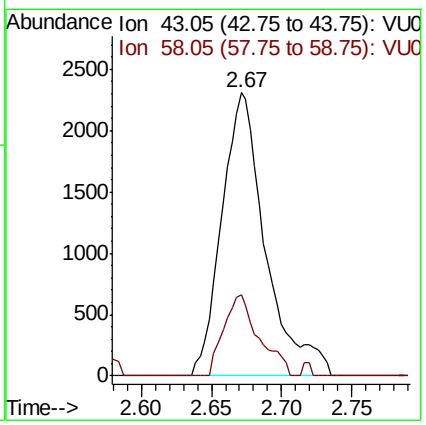


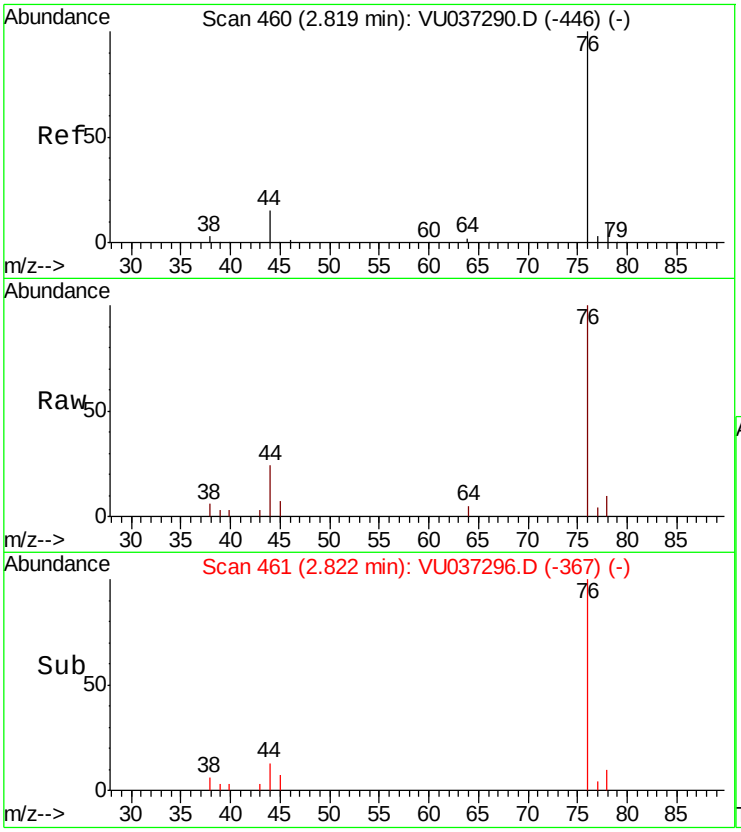


#13
Acetone
Concen: 2.721 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Tgt Ion: 43 Resp: 4992

Ion	Ratio	Lower	Upper
43	100		
58	23.0	0.0	58.0



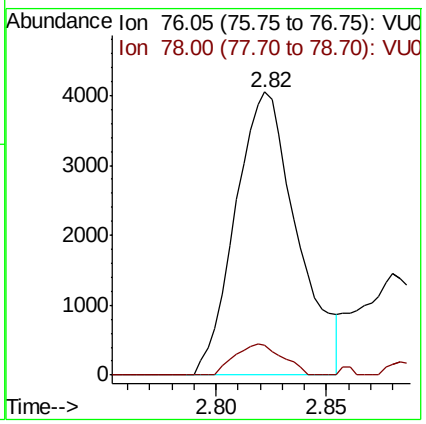


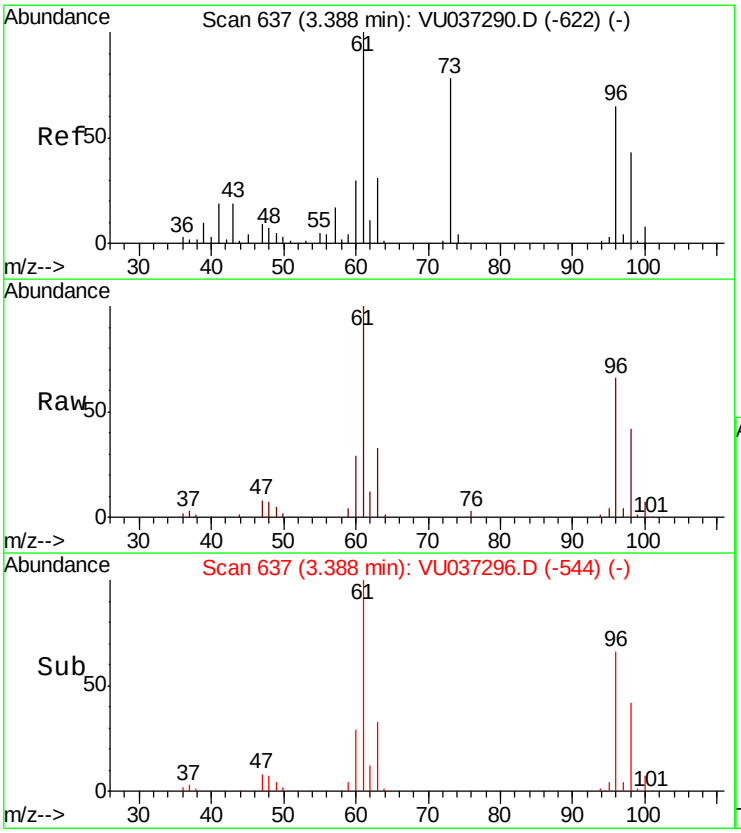
#14
Carbon disulfide
Concen: 0.276 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 7846

Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.1	10.7

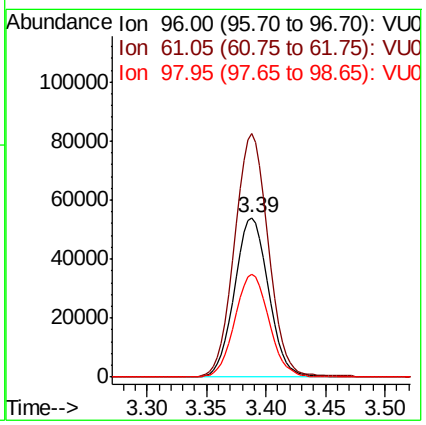


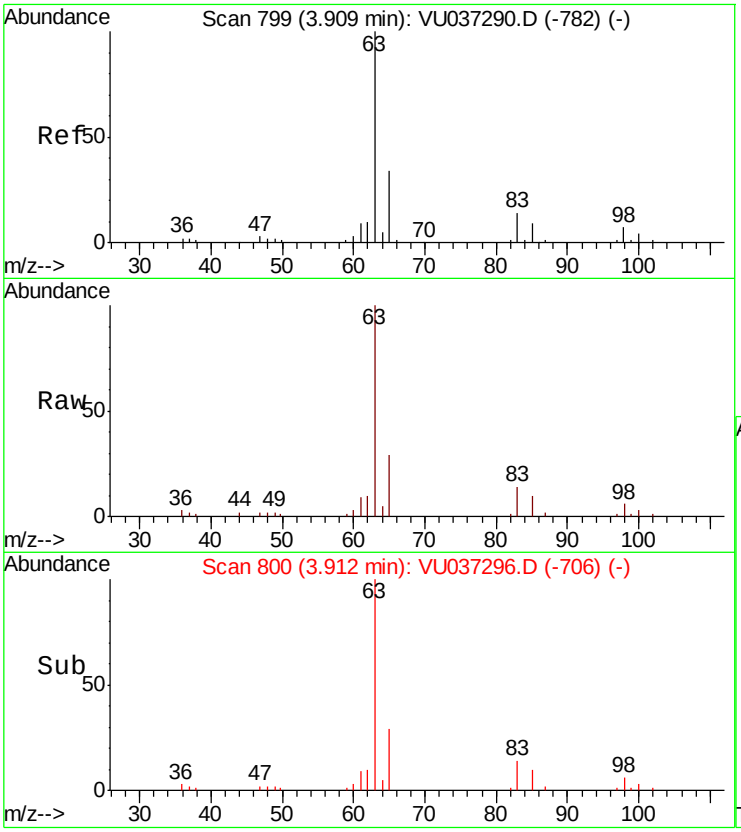


#18
trans-1,2-Dichloroethene
Concen: 11.266 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Tgt Ion: 96 Resp: 107279

Ion	Ratio	Lower	Upper
96	100		
61	152.4	107.5	199.7
98	64.7	45.9	85.3



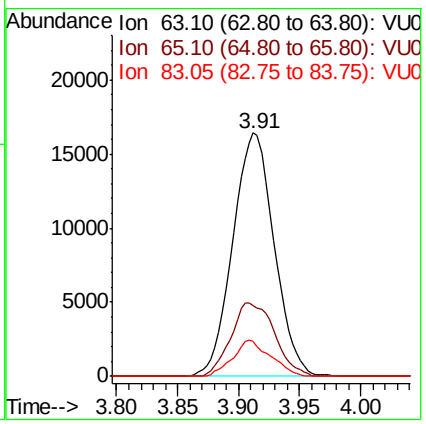


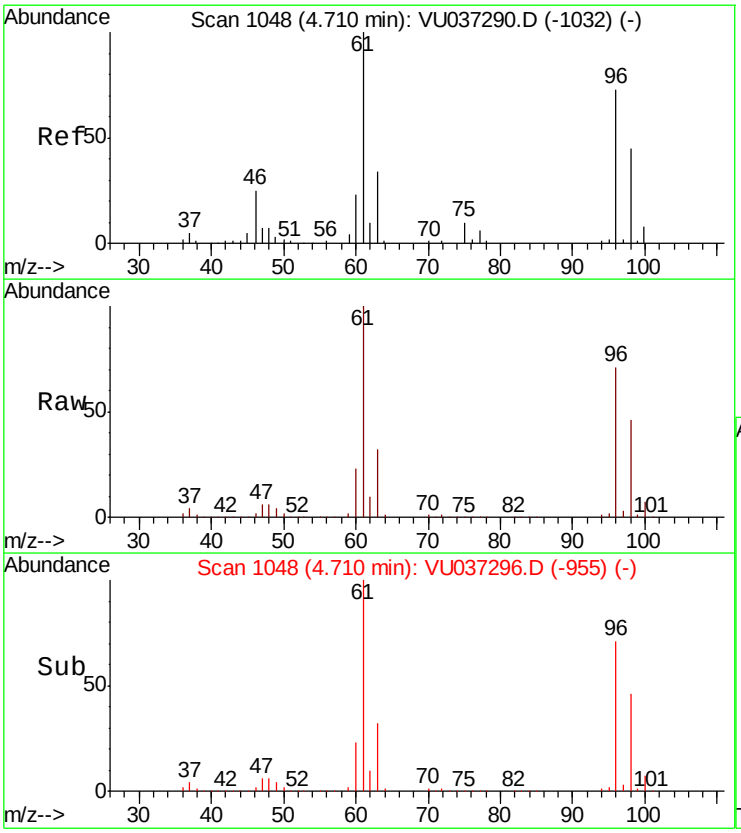
#19
1,1-Dichloroethane
Concen: 2.011 ug/L
RT: 3.91 min Scan# 800
Delta R.T. 0.00 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 38568

Ion	Ratio	Lower	Upper
63	100		
65	28.9	24.1	44.7
83	14.2	10.1	18.9

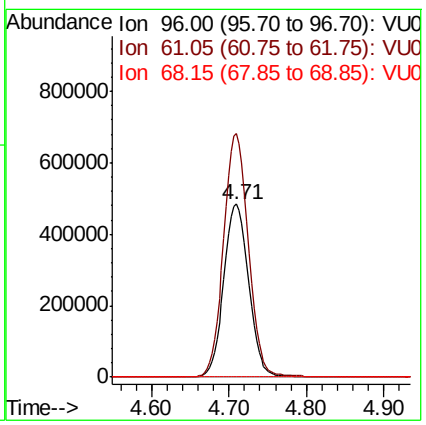


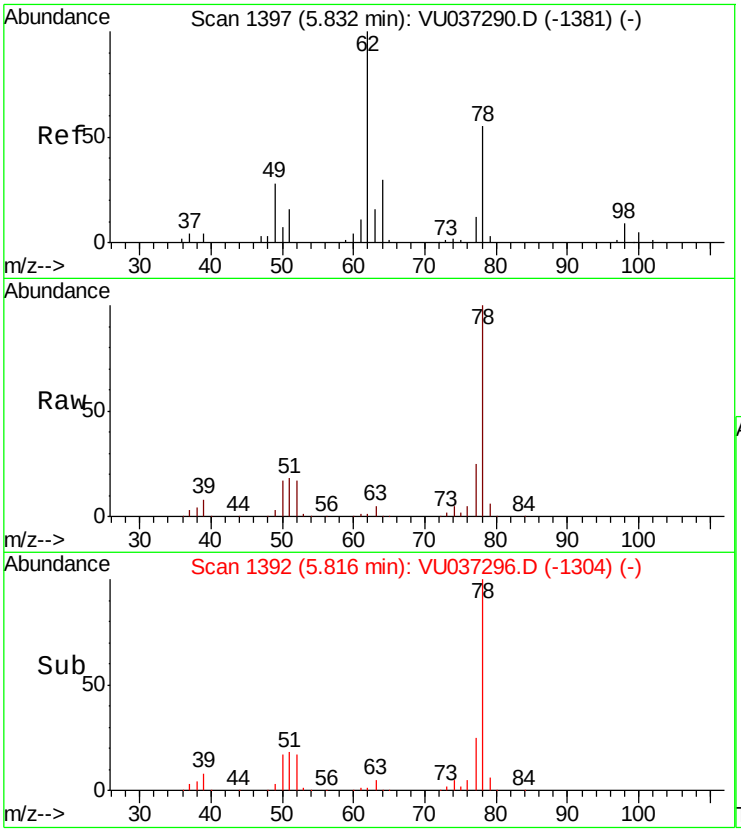


#22
cis-1,2-Dichloroethene
Concen: 102.466 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Tgt Ion: 96 Resp: 1082450

Ion	Ratio	Lower	Upper
96	100		
61	140.8	95.8	178.0
68	0.0	0.0	0.0



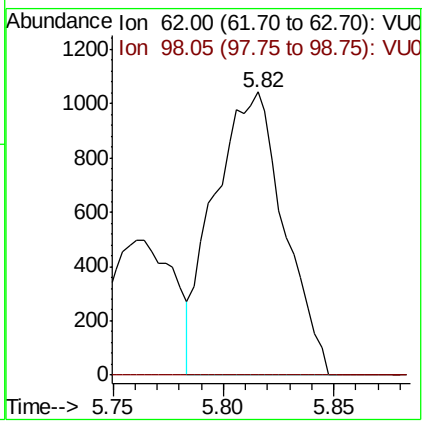


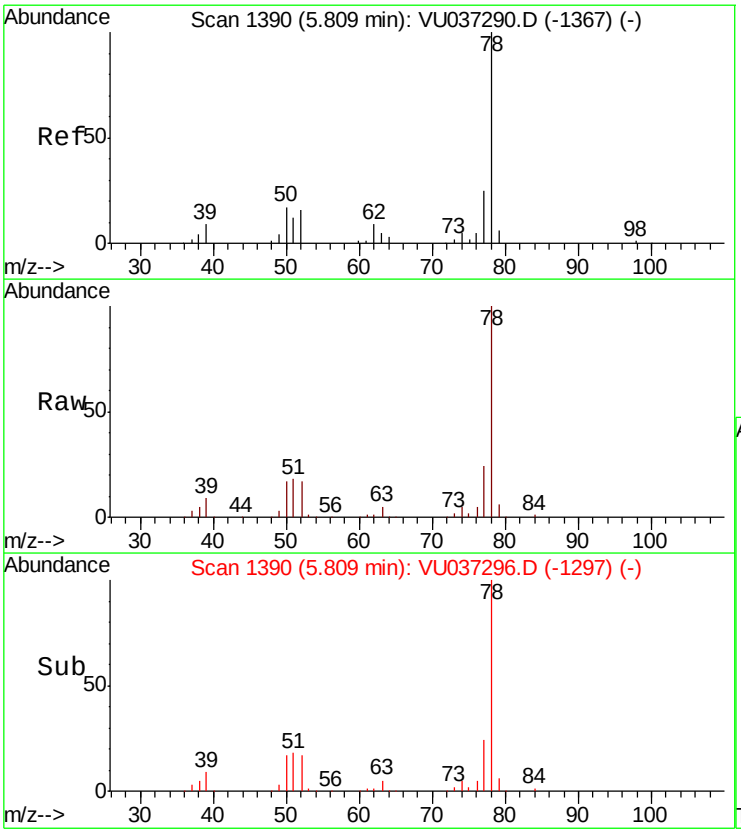
#27
1,2-Dichloroethane
Concen: 0.156 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. -0.02 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 2282

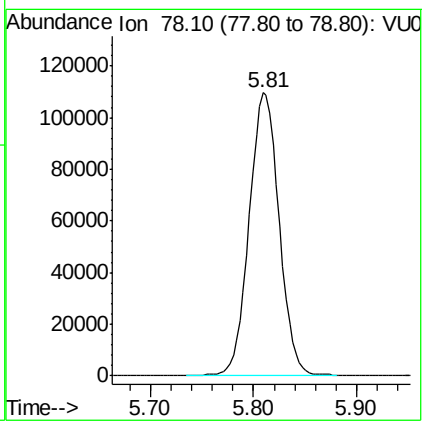
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.8	10.2#

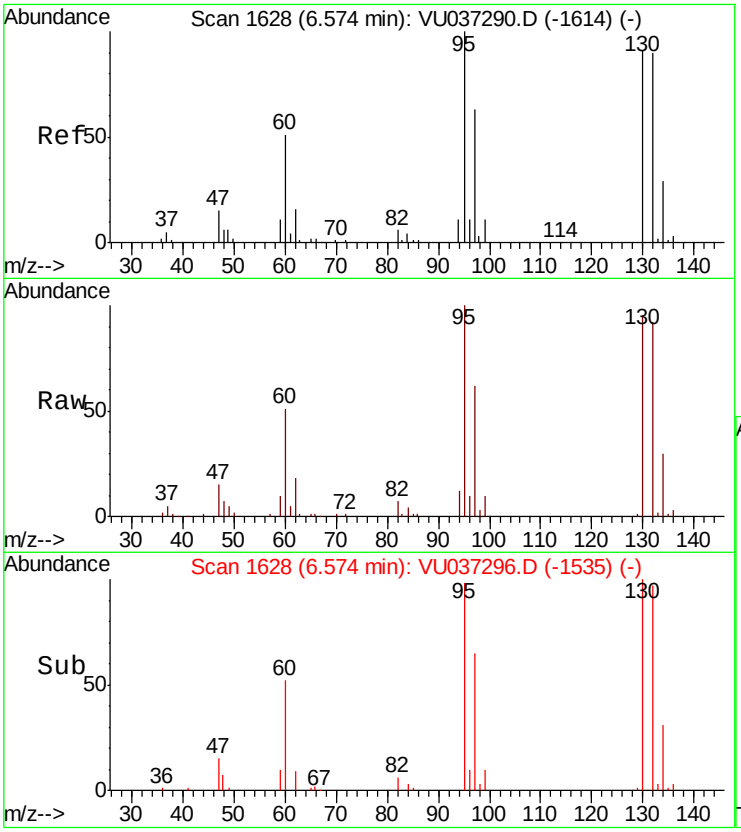




#33
Benzene
Concen: 5.443 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Tgt Ion: 78 Resp: 221285



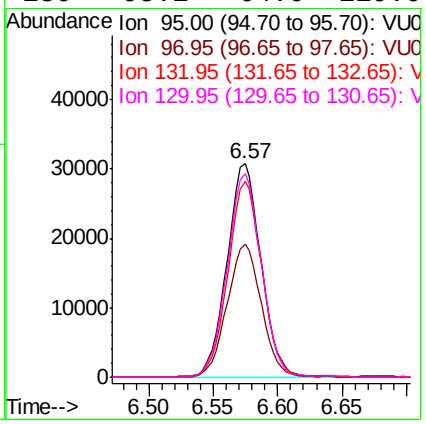


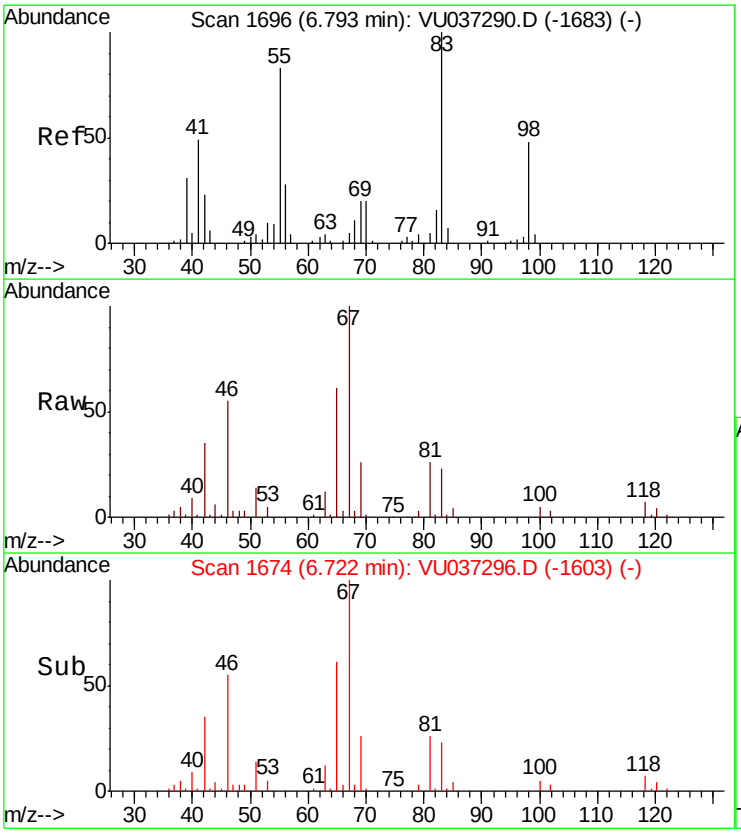
#34
Trichloroethene
Concen: 5.058 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 56173

Ion	Ratio	Lower	Upper
95	100		
97	62.2	44.3	82.3
132	91.8	63.2	117.4
130	95.1	64.0	119.0

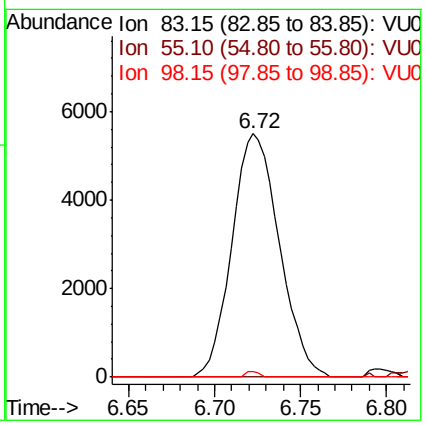


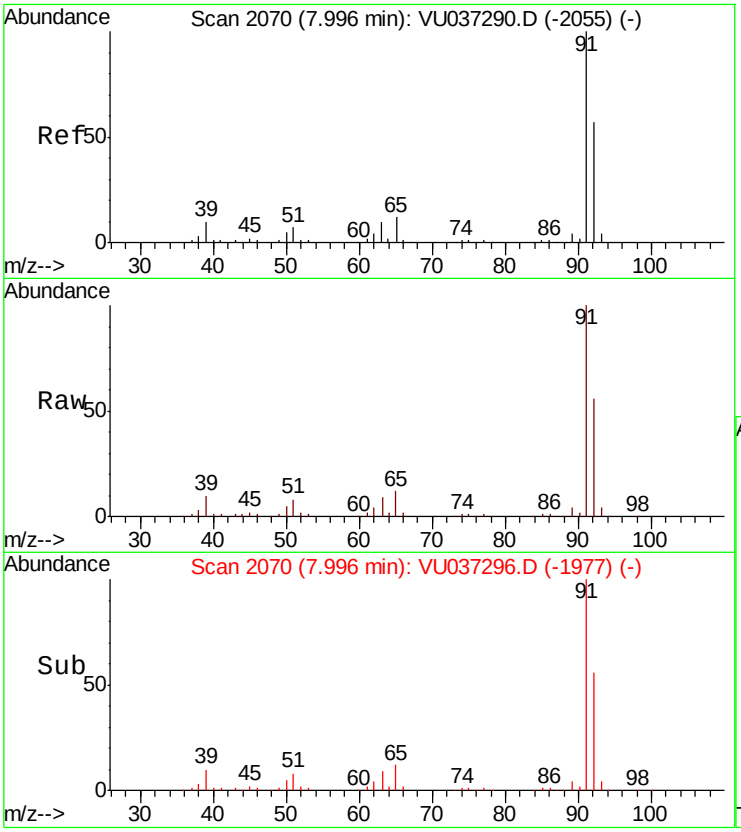


#35
Methylcyclohexane
Concen: 0.627 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Tgt Ion: 83 Resp: 10535

Ion	Ratio	Lower	Upper
83	100		
55	5.5	67.0	100.6#
98	0.6	37.4	56.0#



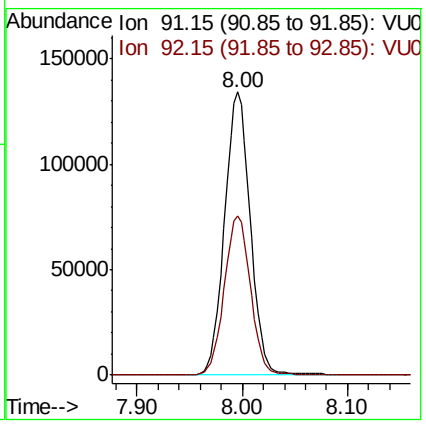


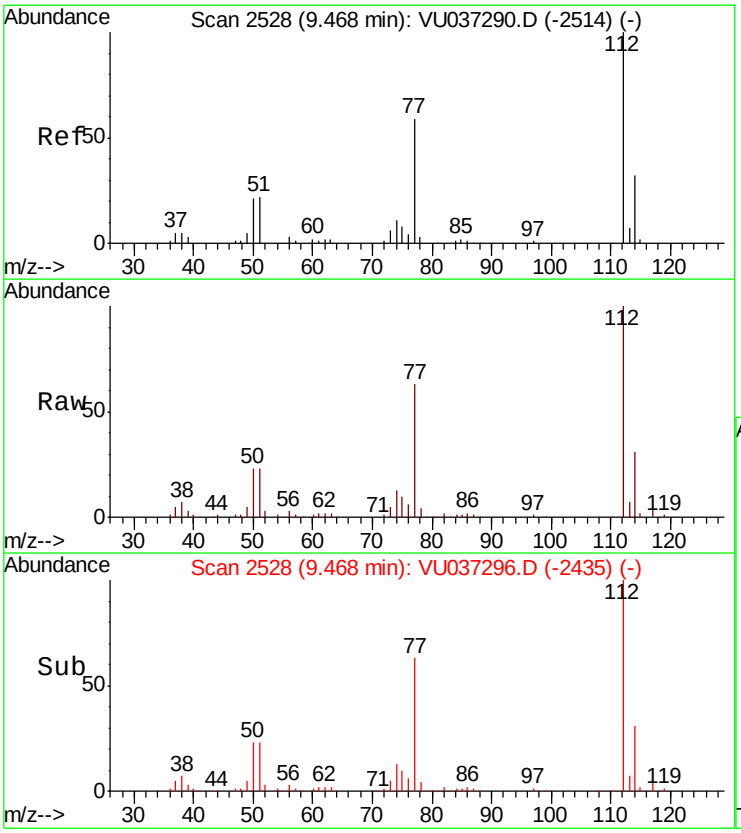
#42
Toluene
Concen: 5.155 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 225934

Ion	Ratio	Lower	Upper
91	100		
92	56.3	39.8	73.8

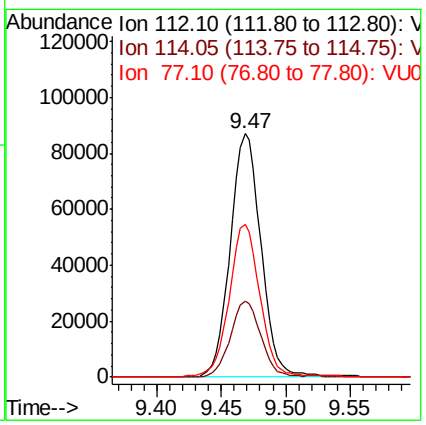


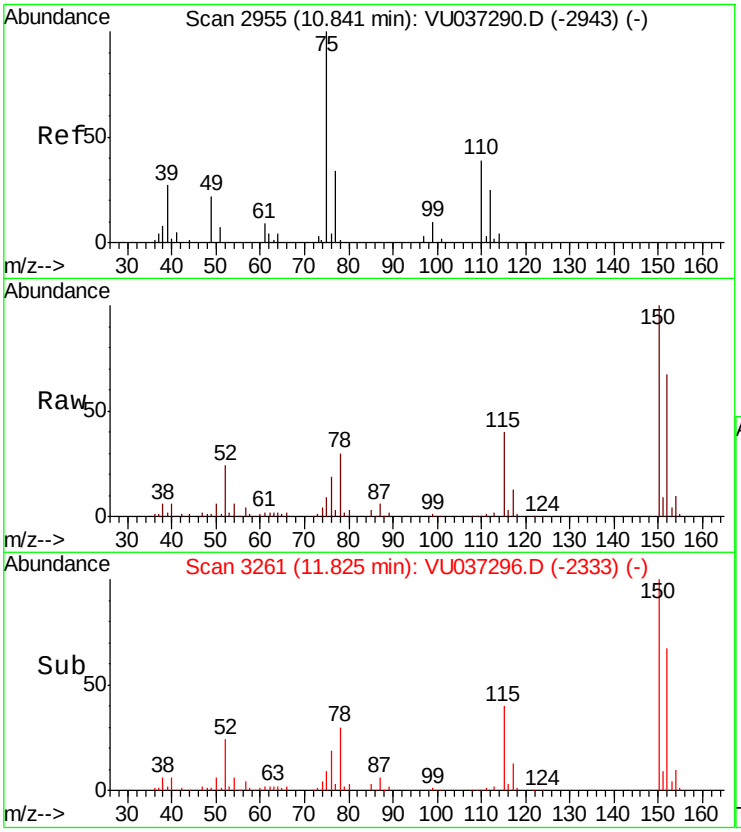


#51
Chlorobenzene
Concen: 5.111 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. 0.00 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Tgt Ion:112 Resp: 144563

Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.1	41.1
77	63.0	47.8	71.6





#59
1,2,3-Trichloropropane
Concen: 1.099 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU037296.D
Acq: 16 Mar 2020 16:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8395

Ion	Ratio	Lower	Upper
75	100		
77	36.4	26.4	39.6