Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101620\
Data File : VU040759.D
Acq On : 16 Oct 2020 19:47
Operator : SY/MD
Sample : L4354-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ22

Quant Time: Oct 16 23:43:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 23:38:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111419	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116480	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46877	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	37545	4.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.40%			
7) Chloroethane-d5	1.92	69	36357	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.20%			
11) 1,1-Dichloroethene-d2	2.58	63	60626	3.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.20%			
20) 2-Butanone-d5	4.66	46	165128	55.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.78%			
24) Chloroform-d	5.08	84	86284	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
26) 1,2-Dichloroethane-d4	5.72	65	54071	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.60%			
32) Benzene-d6	5.74	84	153461	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.70	67	54347	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.91	98	116305	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	8.19	79	18405	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	8.64	63	108697	47.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.48%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47430	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	49303	5.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	698	0.074	ug/L	87
8) Chloroethane	1.95	64	494	0.078	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	550	0.059	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	517	0.065	ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	33922	1.509	ug/L	98
25) Chloroform	5.11	83	1152	0.066	ug/L	83
27) 1,2-Dichloroethane	5.81	62	750	0.060	ug/L #	77
35) Methylcyclohexane	6.70	83	13099	0.952	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6692	0.642	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1279	0.090	ug/L #	64
42) Toluene	7.98	91	3021	0.079	ug/L	98
44) trans-1,3-Dichloropropene	8.18	75	811	0.062	ug/L #	83
48) 2-Hexanone	8.64	43	16559	2.676	ug/L #	71
53) m,p-Xylene	9.69	106	1372	0.091	ug/L	92
59) 1,2,3-Trichloropropane	11.81	75	6496	0.848	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101620\
Data File : VU040759.D
Acq On : 16 Oct 2020 19:47
Operator : SY/MD
Sample : L4354-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ22

Quant Time: Oct 16 23:43:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 23:38:52 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\VU101620\
Data File : VU040759.D
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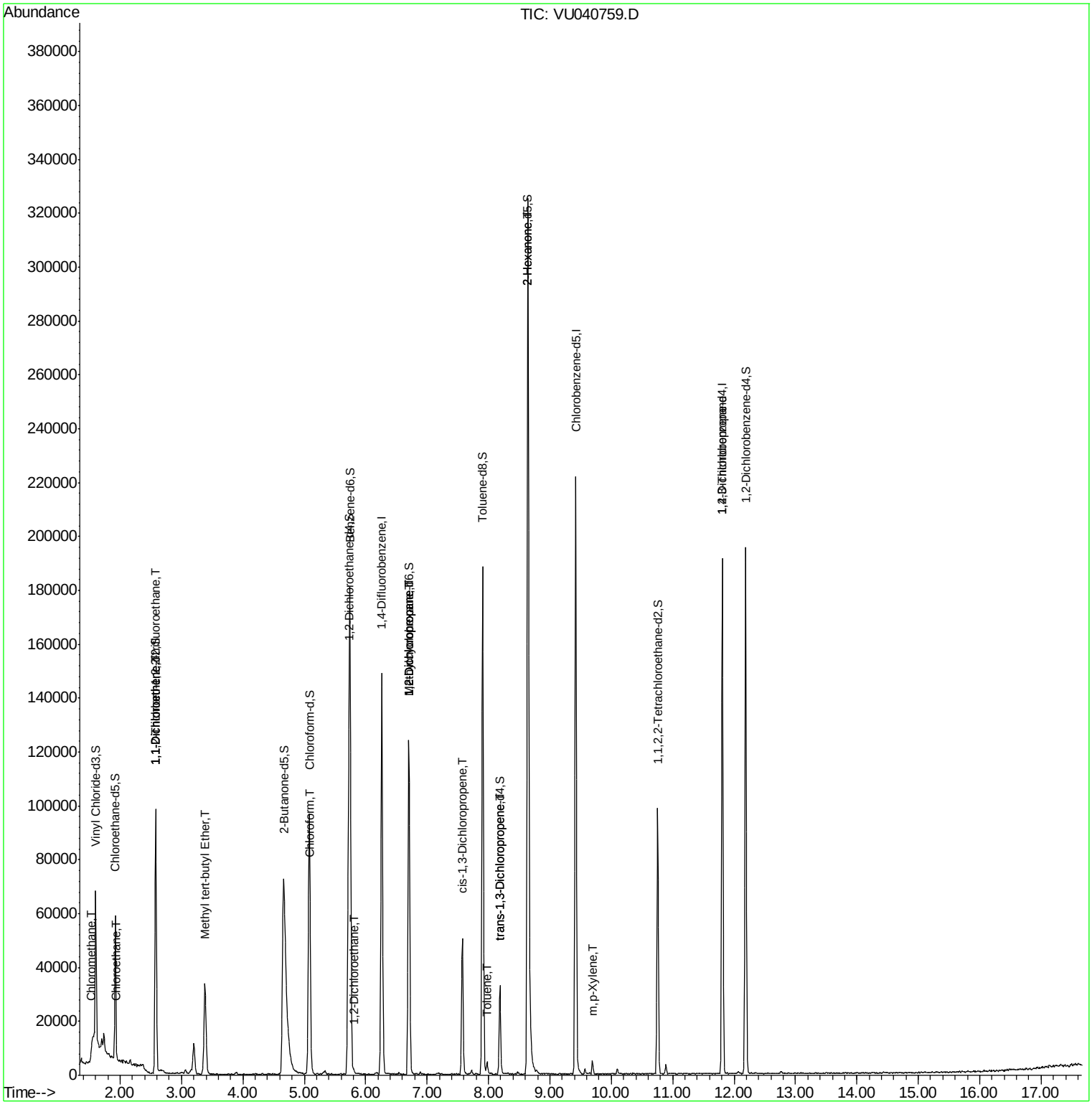
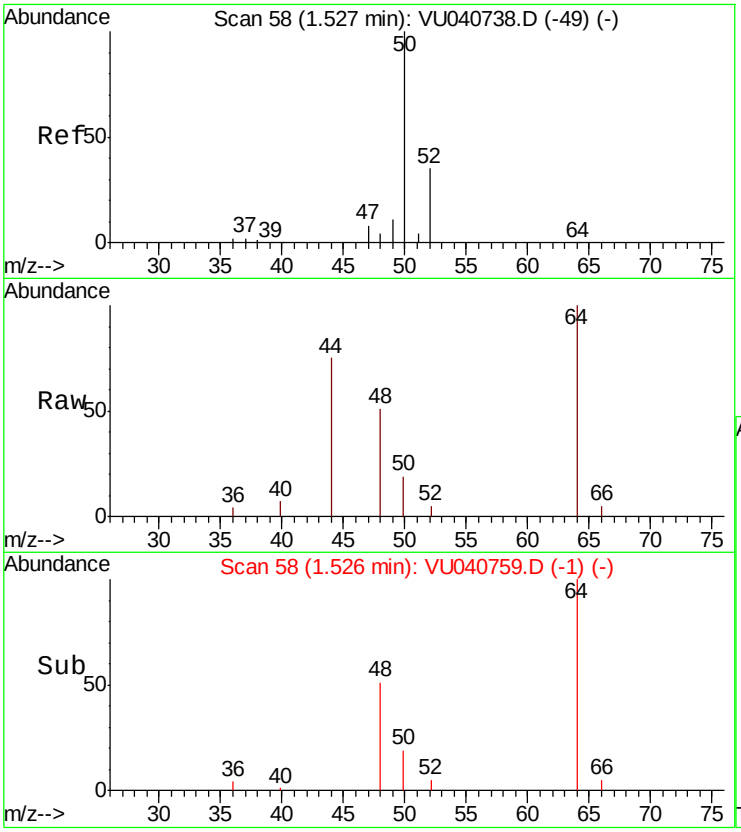
Response via : Initial Calibration



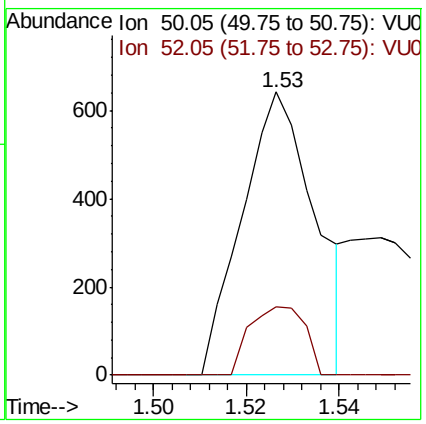


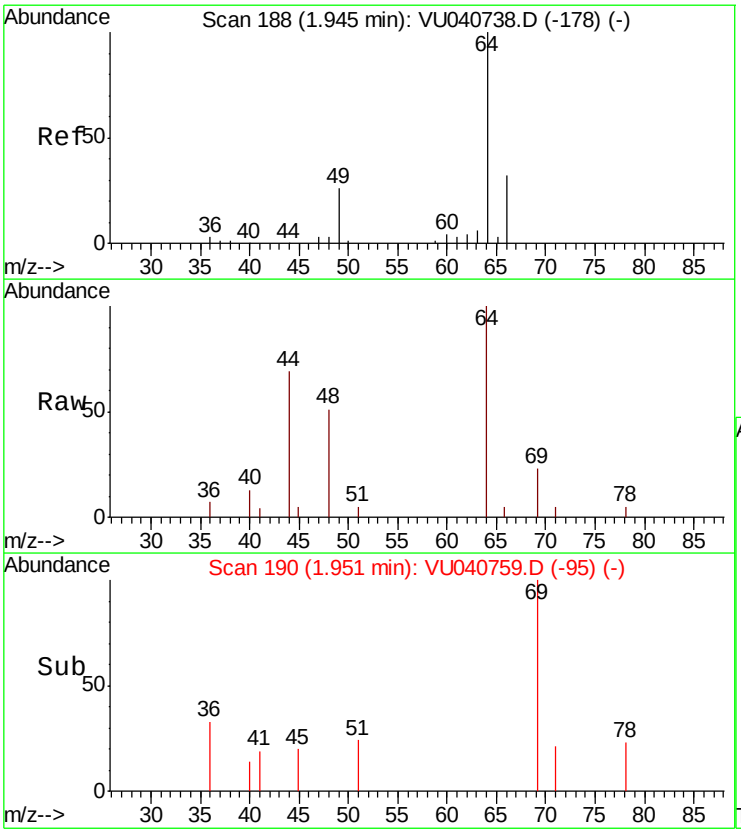
#3
Chloromethane
Concen: 0.074 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Instrument :
MSVOA_U
ClientSampleId :
ETZ22

Tgt Ion: 50 Resp: 698

Ion	Ratio	Lower	Upper
50	100		
52	24.3	21.9	40.7

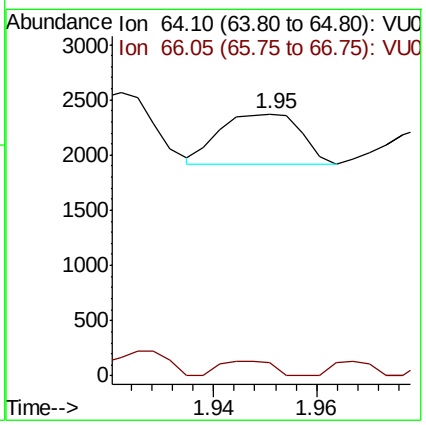


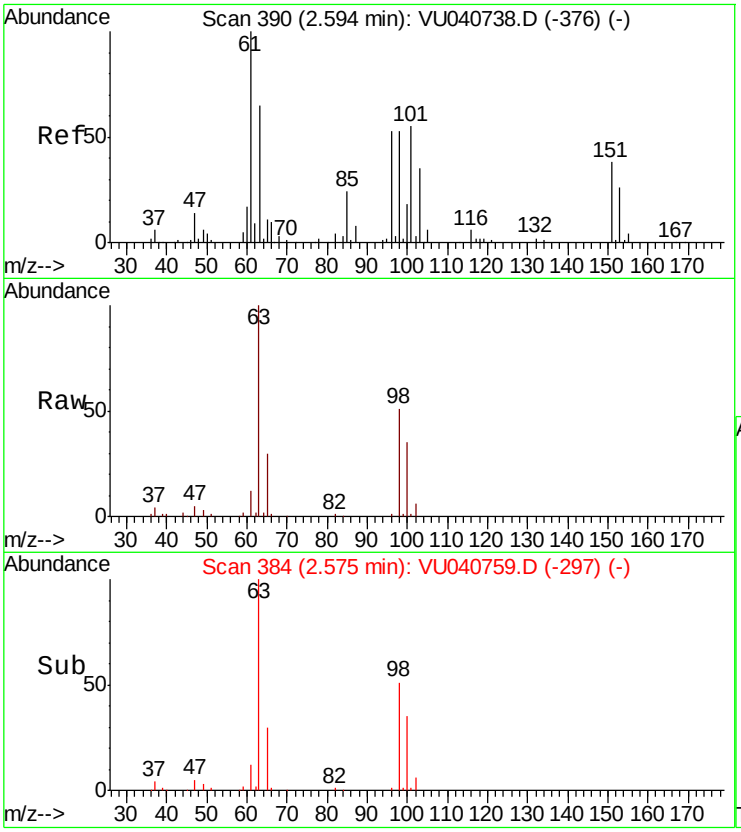


#8
Chloroethane
Concen: 0.078 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Tgt Ion: 64 Resp: 494

Ion	Ratio	Lower	Upper
64	100		
66	4.9	23.3	43.3#



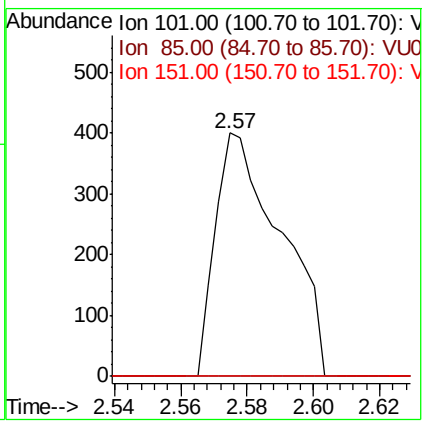


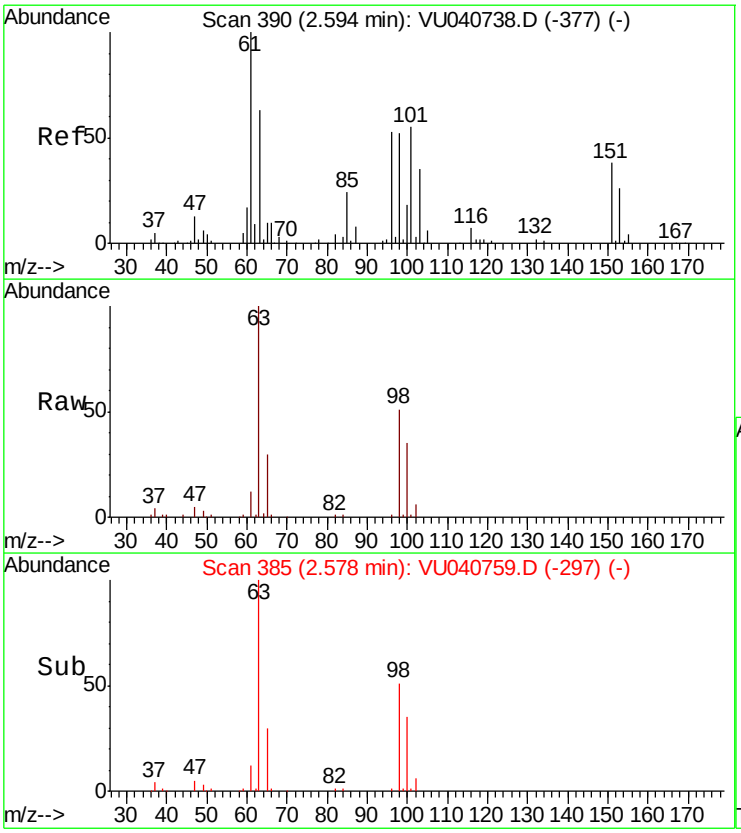
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Instrument :
MSVOA_U
ClientSampleId :
ETZ22

Tgt Ion:101 Resp: 550

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.7	55.1#
151	0.0	58.0	87.0#

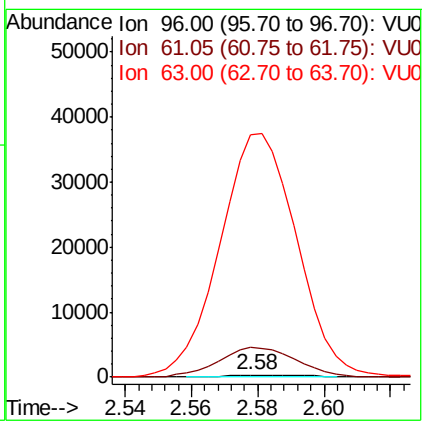


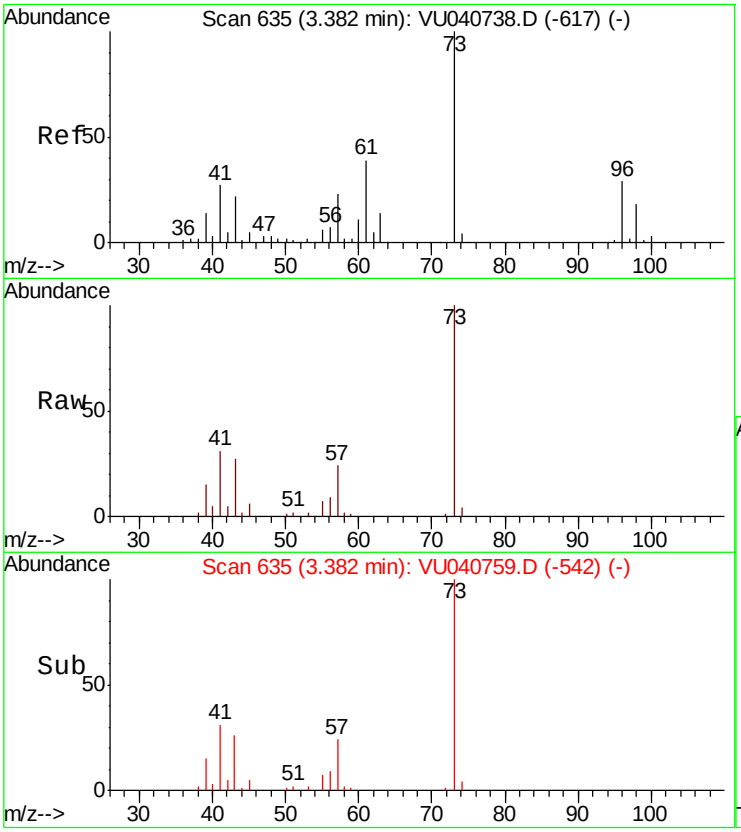


#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Tgt Ion: 96 Resp: 517

Ion	Ratio	Lower	Upper
96	100		
61	1288.0	128.8	239.2#
63	10633.1	84.6	157.2#



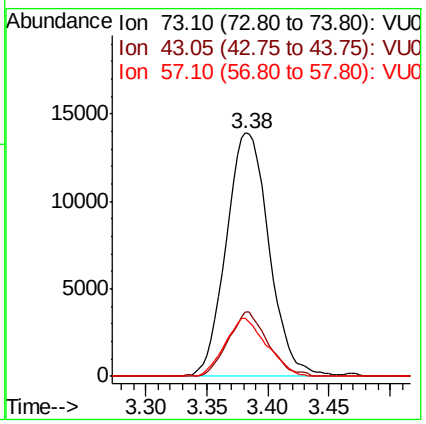


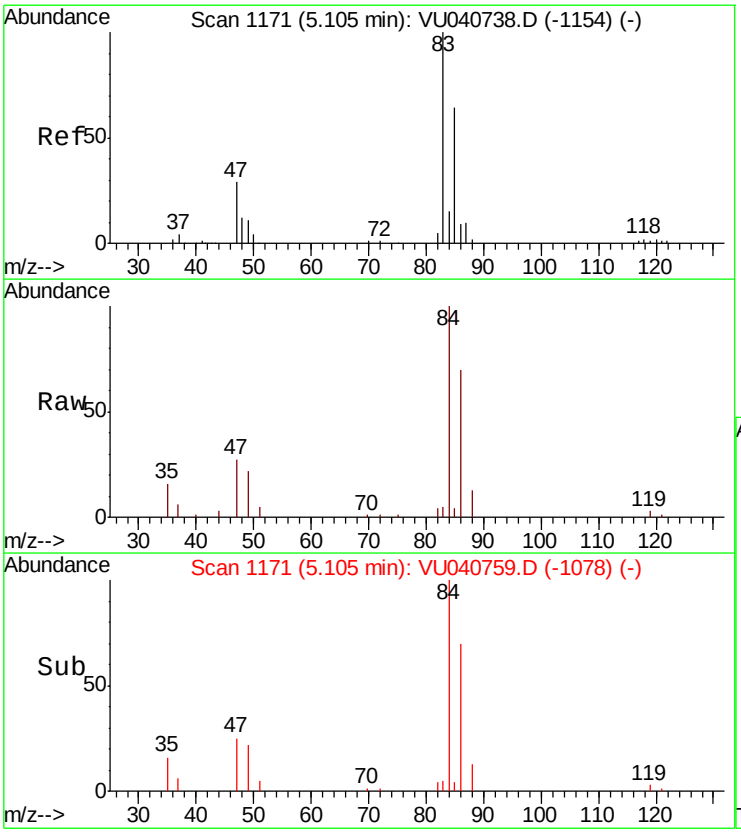
#17
Methyl tert-butyl Ether
Concen: 1.509 ug/L
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Instrument :
MSVOA_U
ClientSampleId :
ETZ22

Tgt Ion: 73 Resp: 33922

Ion	Ratio	Lower	Upper
73	100		
43	24.5	18.2	27.4
57	23.3	18.6	28.0

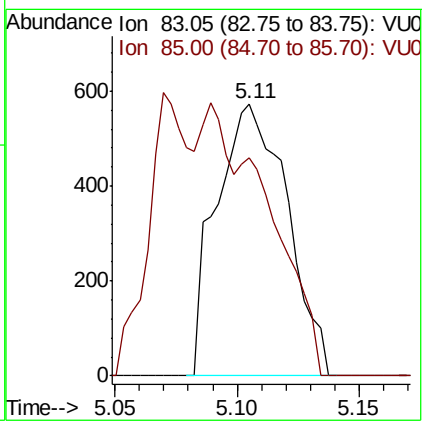


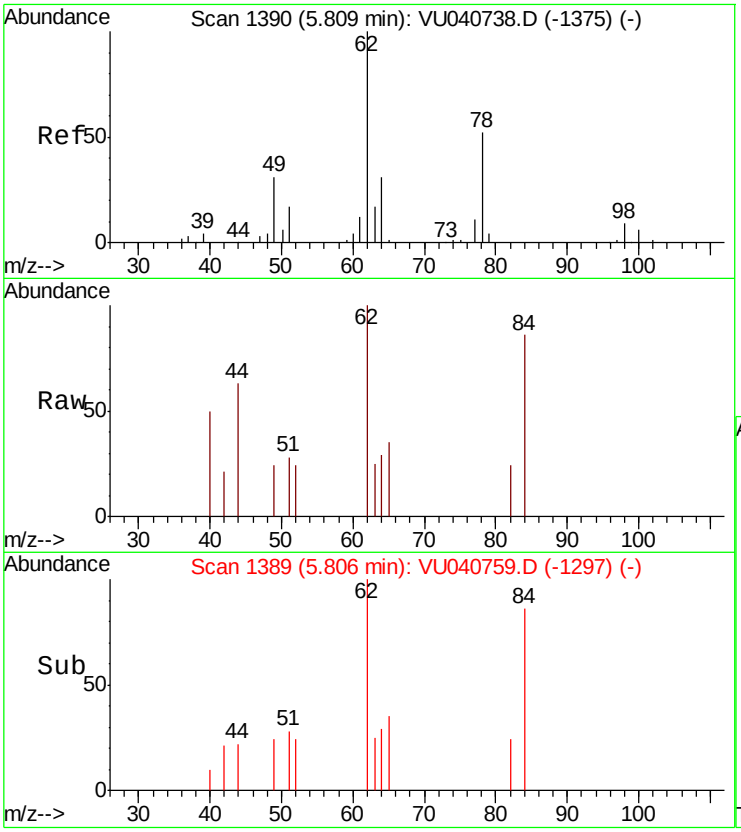


#25
Chloroform
Concen: 0.066 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Tgt Ion: 83 Resp: 1152

Ion	Ratio	Lower	Upper
83	100		
85	80.3	46.5	86.5



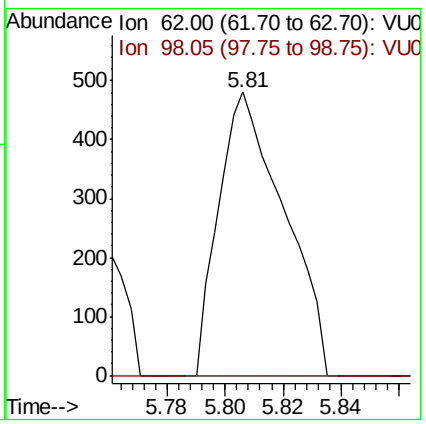


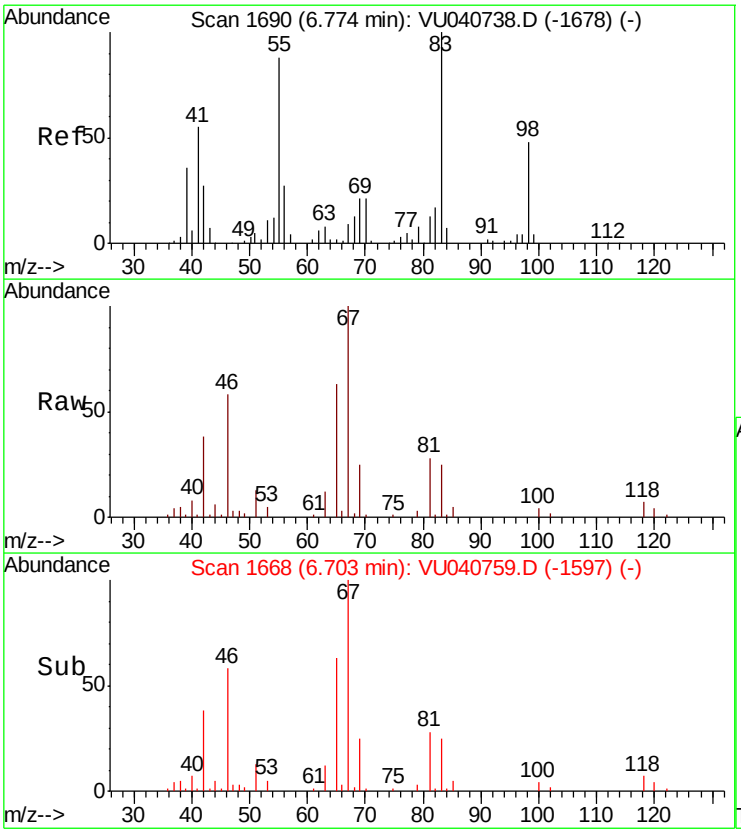
#27
1,2-Dichloroethane
Concen: 0.060 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Instrument :
MSVOA_U
ClientSampleId :
ETZ22

Tgt Ion: 62 Resp: 750

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

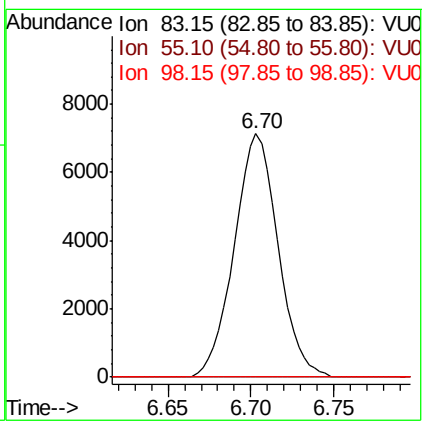


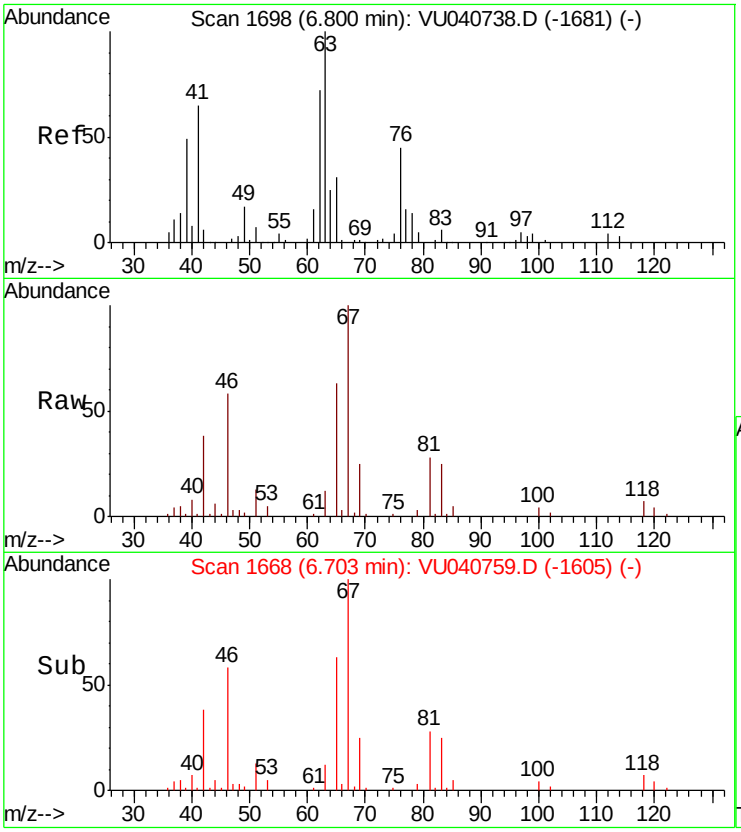


#35
Methylcyclohexane
Concen: 0.952 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Tgt Ion: 83 Resp: 13099

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.0	38.4	57.6#



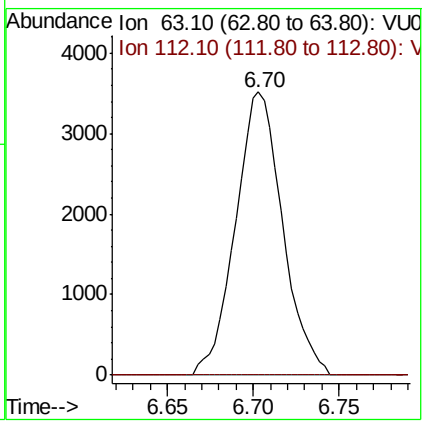


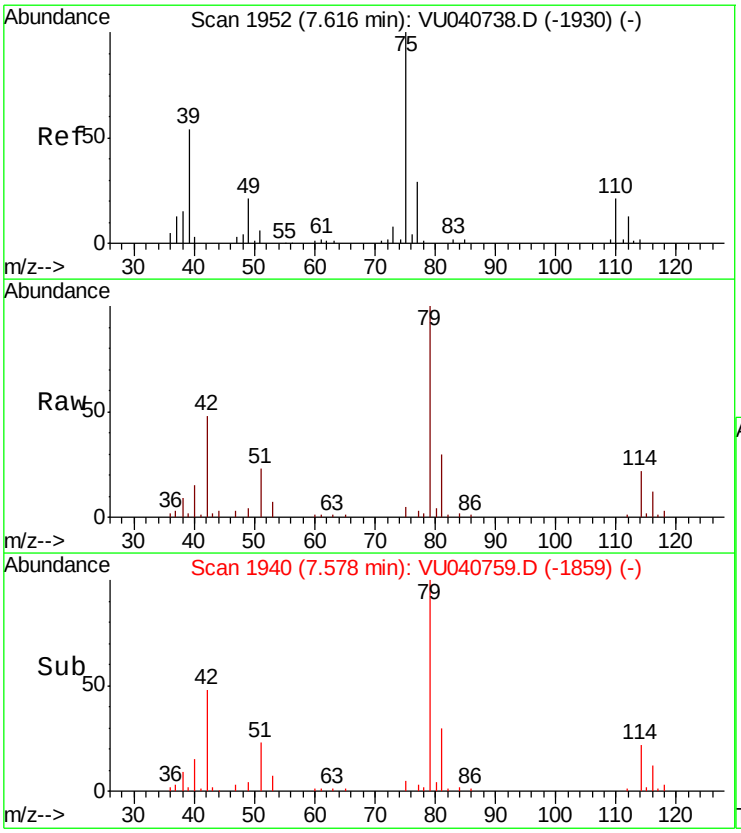
#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Instrument :
MSVOA_U
ClientSampleId :
ETZ22

Tgt Ion: 63 Resp: 6692

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

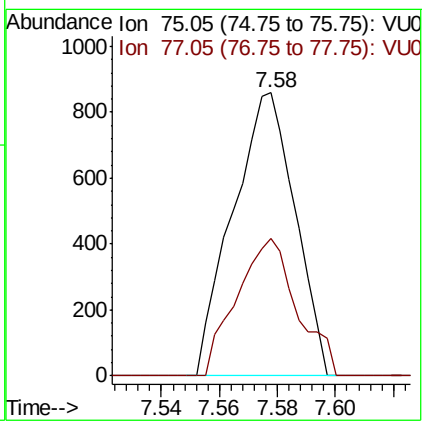


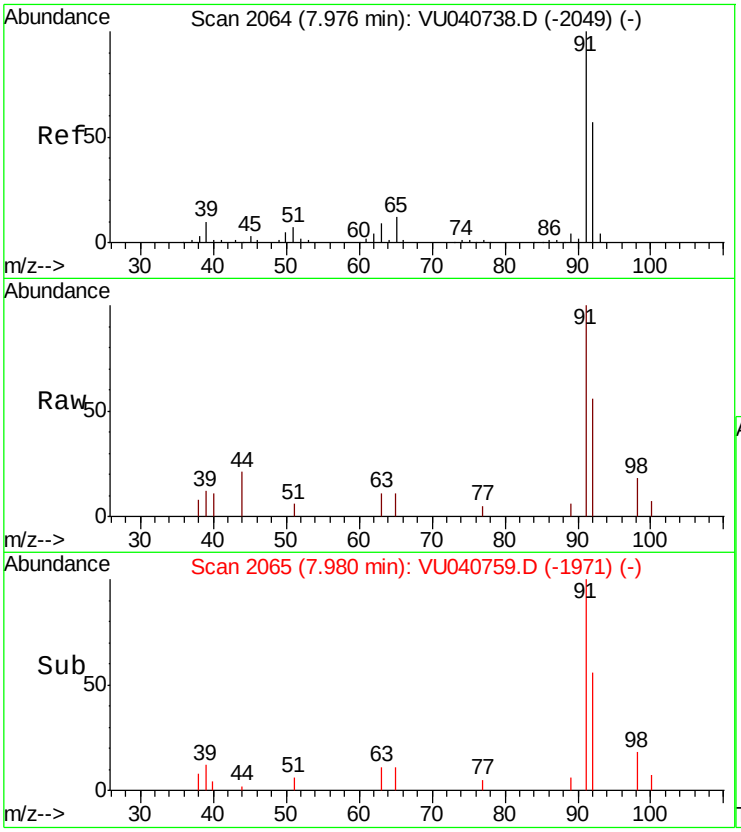


#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Tgt Ion: 75 Resp: 1279

Ion	Ratio	Lower	Upper
75	100		
77	48.7	20.5	38.1#



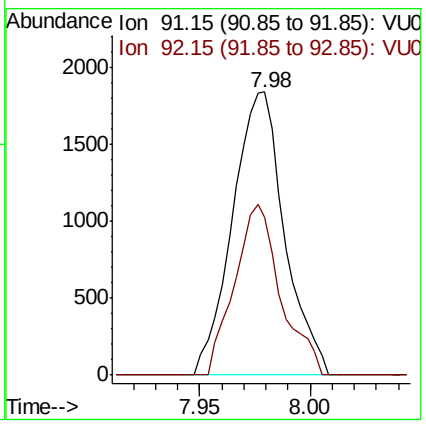


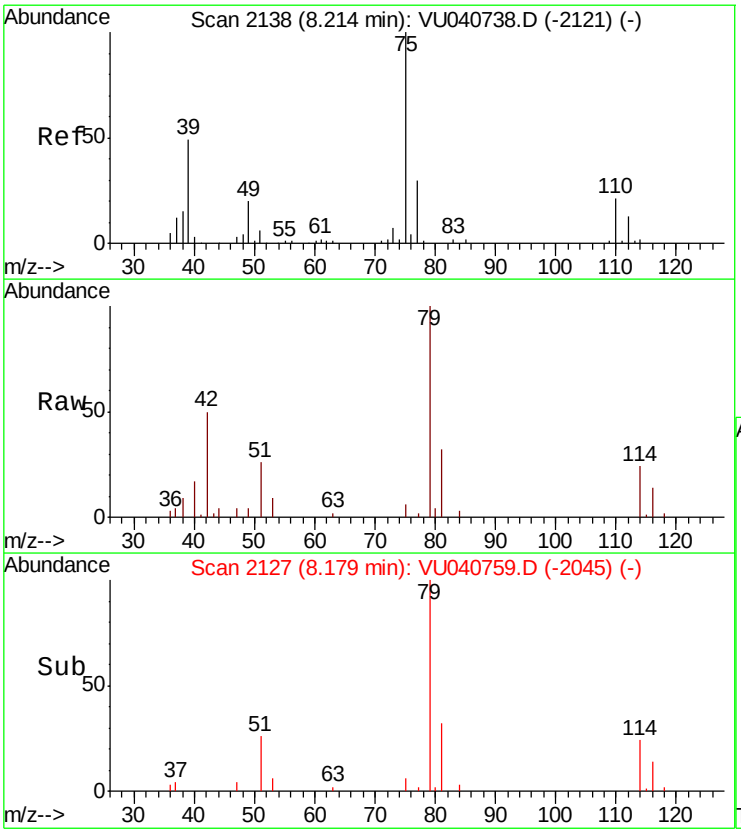
#42
Toluene
Concen: 0.079 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Instrument :
MSVOA_U
ClientSampleId :
ETZ22

Tgt Ion: 91 Resp: 3021

Ion	Ratio	Lower	Upper
91	100		
92	55.6	40.2	74.6

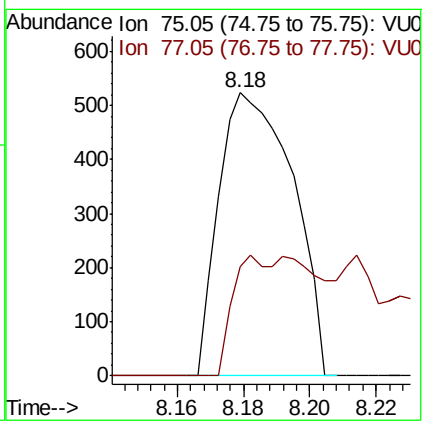


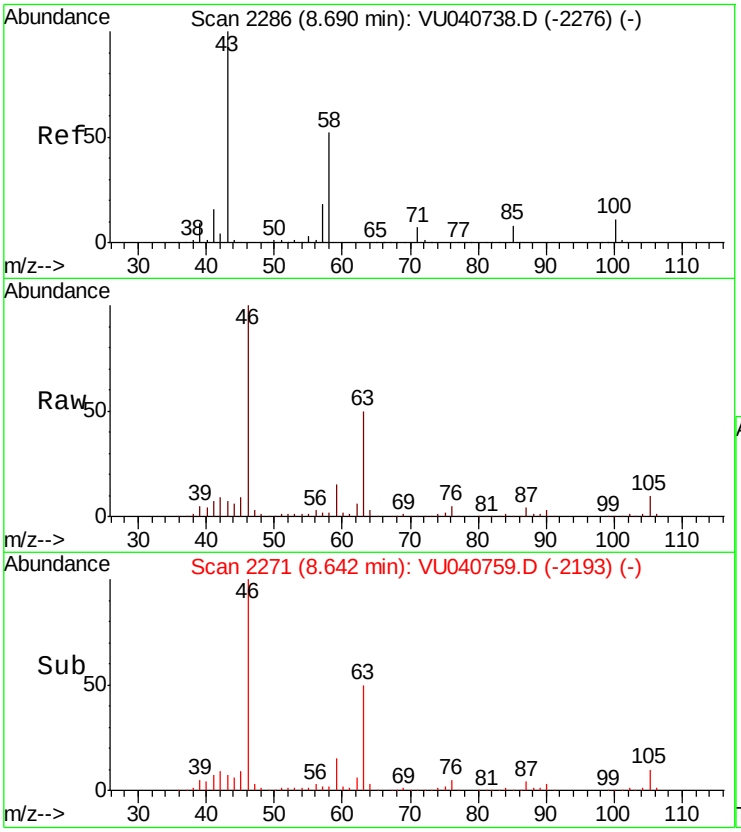


#44
trans-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Tgt Ion: 75 Resp: 811

Ion	Ratio	Lower	Upper
75	100		
77	38.4	20.4	38.0#



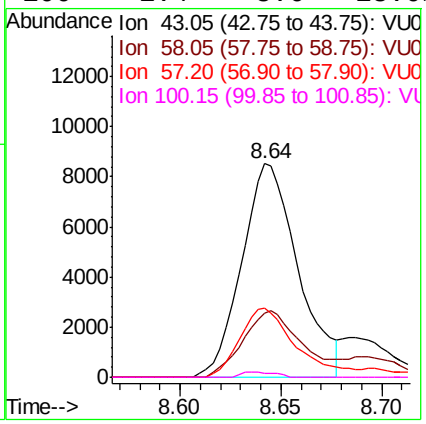


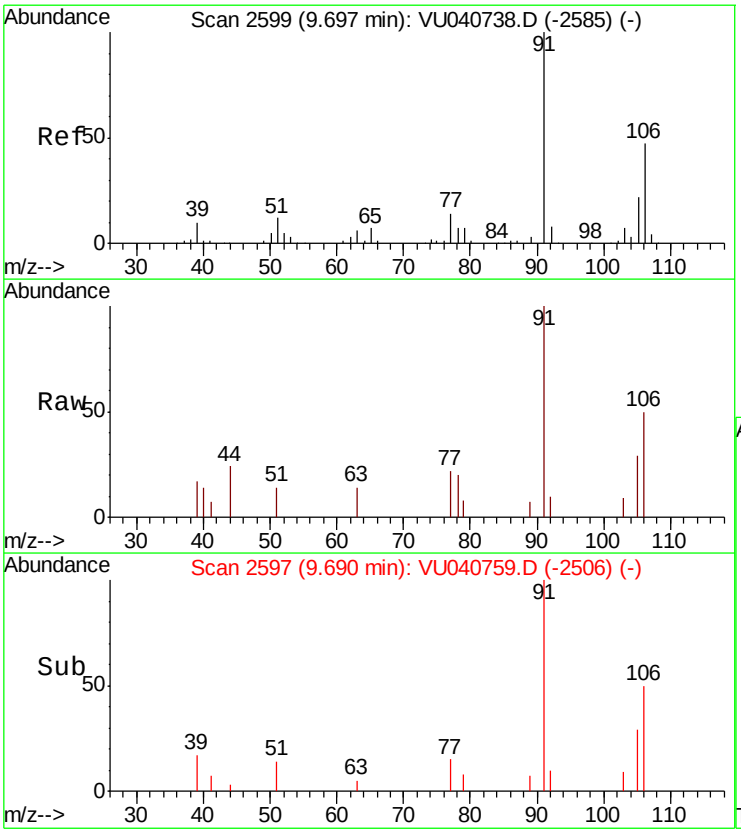
#48
2-Hexanone
Concen: 2.676 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Instrument : MSVOA_U
ClientSampleId : ETZ22

Tgt Ion: 43 Resp: 16559

Ion	Ratio	Lower	Upper
43	100		
58	31.6	41.0	61.6#
57	32.3	14.4	21.6#
100	1.4	8.6	13.0#

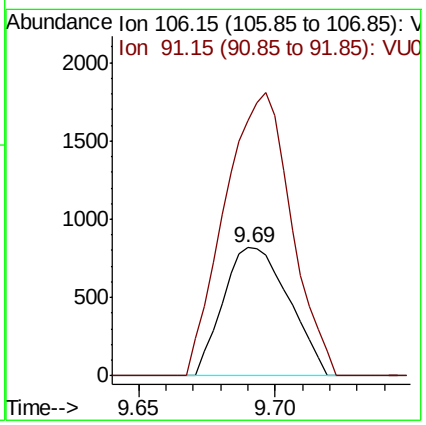


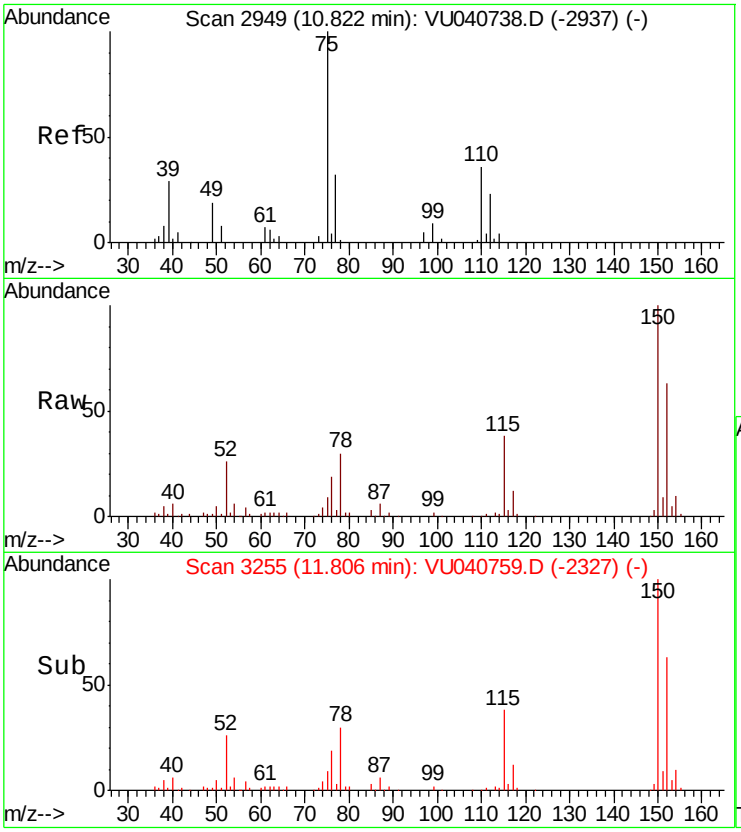


#53
m,p-Xylene
Concen: 0.091 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.01 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Tgt Ion:106 Resp: 1372

Ion	Ratio	Lower	Upper
106	100		
91	199.8	148.5	275.7





#59
1,2,3-Trichloropropane
Concen: 0.848 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040759.D
Acq: 16 Oct 2020 19:47

Instrument :
MSVOA_U
ClientSampleId :
ETZ22

Tgt Ion: 75 Resp: 6496

Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.4	39.6