Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040886.D
Acq On : 21 Oct 2020 20:36
Operator : SY/MD
Sample : L4428-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ52

Quant Time: Oct 22 00:52:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	225557	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	230905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	97593	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	70422	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.92	69	64692	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.58	63	111557	3.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.80%			
20) 2-Butanone-d5	4.65	46	343967	62.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.30%			
24) Chloroform-d	5.08	84	163441	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.72	65	102751	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
32) Benzene-d6	5.74	84	286704	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.70	67	101459	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.91	98	225977	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
43) trans-1,3-Dichloropropene-	8.19	79	39403	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.64	63	252776	61.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.26%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	99595	5.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	95567	5.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	1902	0.077	ug/L #	79
5) Vinyl chloride	1.61	62	3715	0.161	ug/L #	1
8) Chloroethane	1.93	64	864	0.058	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	817	0.046	ug/L #	21
12) 1,1-Dichloroethene	2.59	96	1037	0.063	ug/L #	1
13) Acetone	2.66	43	7248	1.878	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	5615	0.298	ug/L	87
27) 1,2-Dichloroethane	5.81	62	1251	0.052	ug/L #	76
35) Methylcyclohexane	6.70	83	24052	0.851	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	11836	0.591	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	2975	0.111	ug/L #	68
42) Toluene	7.97	91	4417	0.059	ug/L	83
44) trans-1,3-Dichloropropene	8.19	75	2095	0.086	ug/L #	61
53) m,p-Xylene	9.69	106	3269	0.113	ug/L	79
59) 1,2,3-Trichloropropane	11.81	75	13980	1.073	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040886.D
Acq On : 21 Oct 2020 20:36
Operator : SY/MD
Sample : L4428-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ52

Quant Time: Oct 22 00:52:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration

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

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040886.D
Acq On : 21 Oct 2020 20:36
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Quant Title : TRACE VOA SOM01.0
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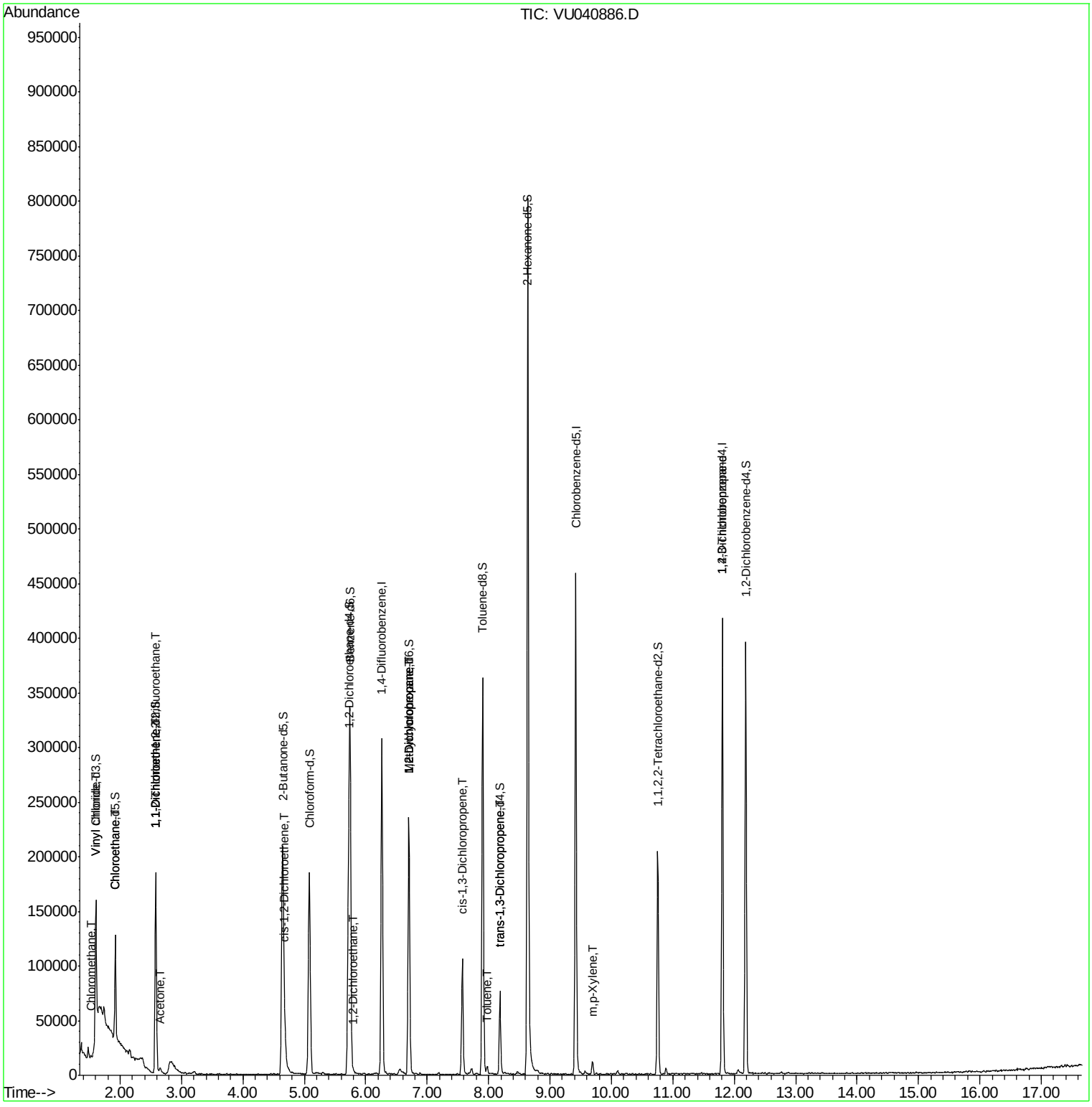
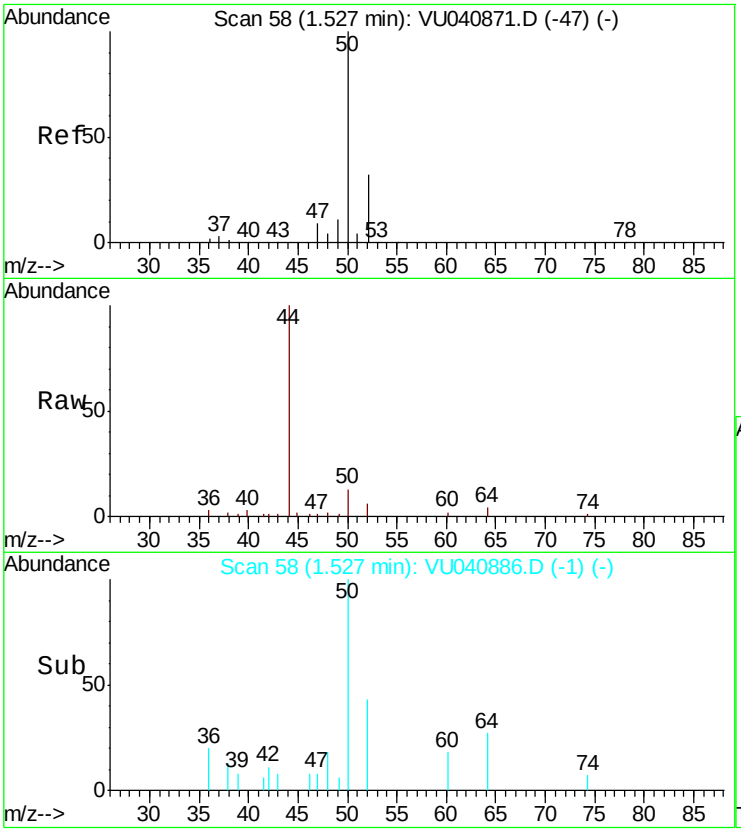


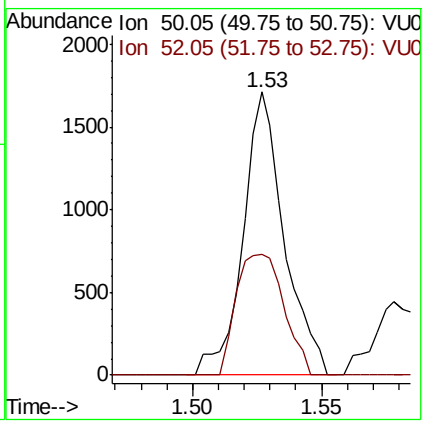


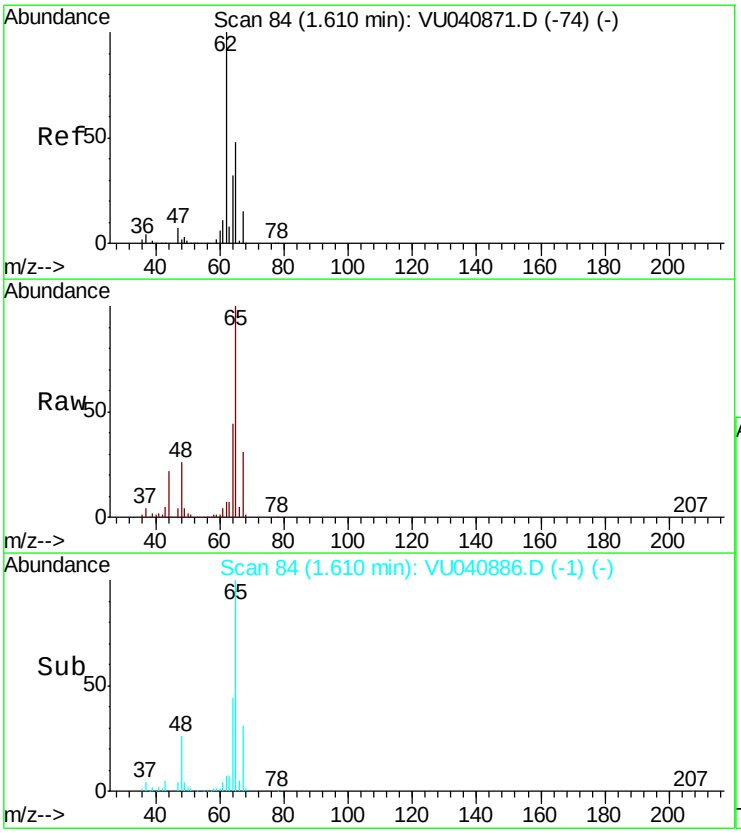
#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Instrument : MSVOA_U
ClientSampleId : ETZ52

Tgt Ion: 50 Resp: 1902

Ion	Ratio	Lower	Upper
50	100		
52	42.6	21.8	40.6#

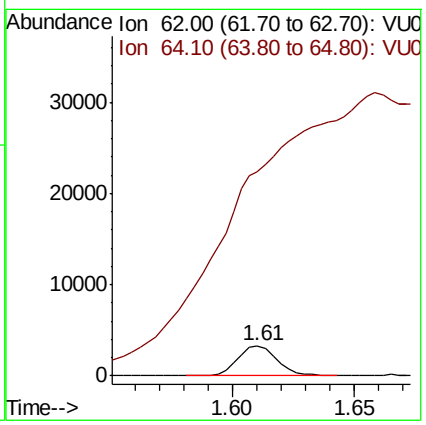


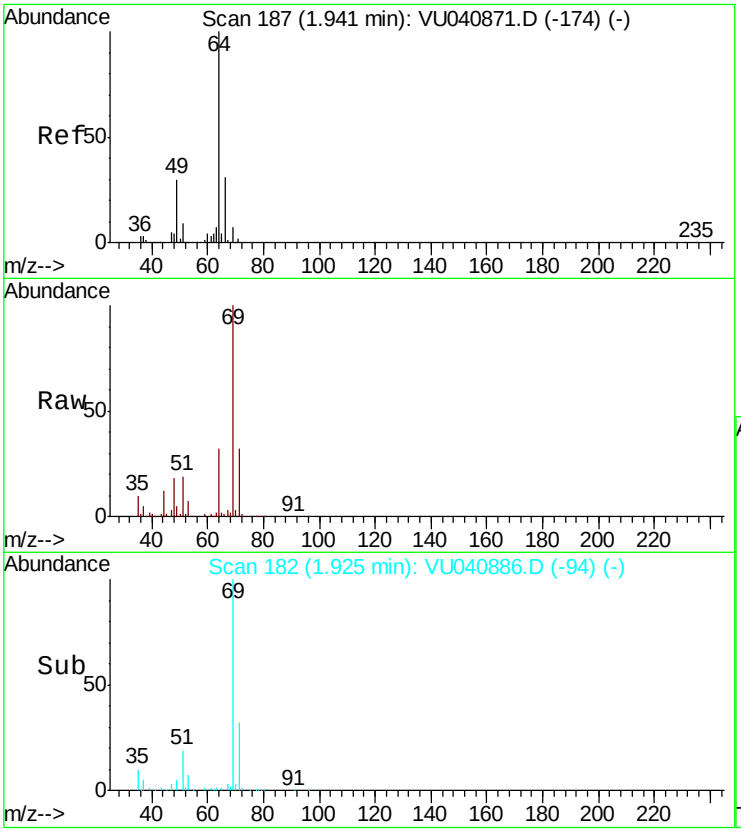


#5
Vinyl chloride
Concen: 0.161 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Tgt Ion: 62 Resp: 3715

Ion	Ratio	Lower	Upper
62	100		
64	673.3	21.8	40.6#



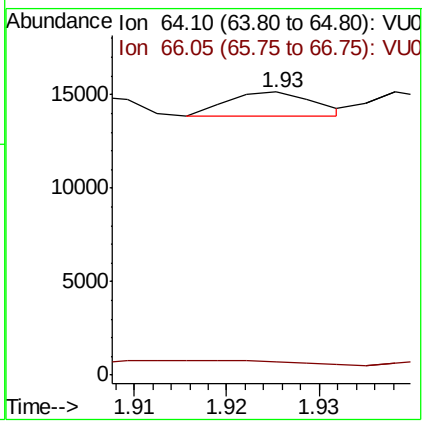


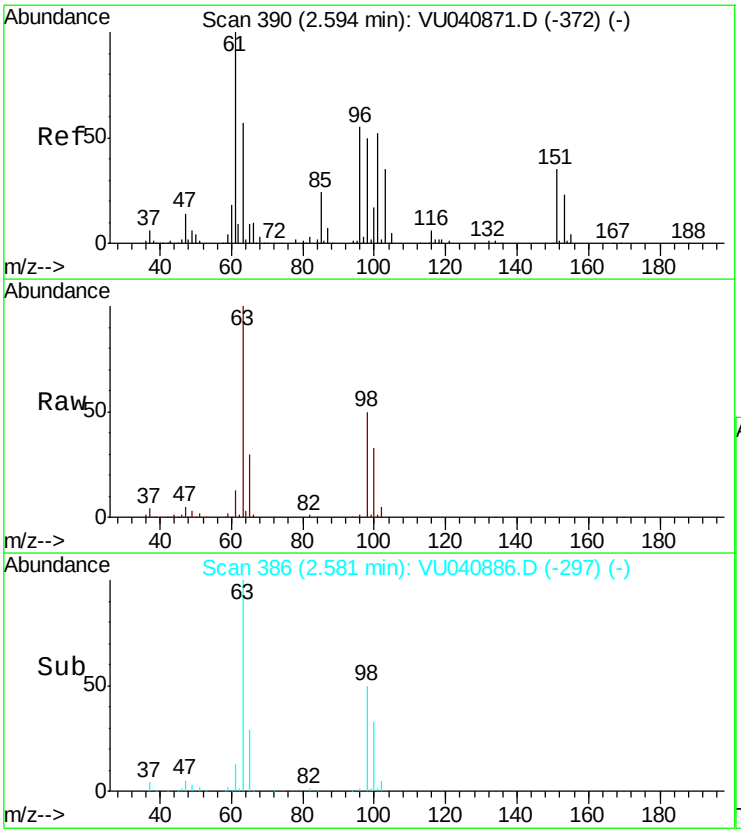
#8
Chloroethane
Concen: 0.058 ug/L
RT: 1.93 min Scan# 182
Delta R.T. -0.02 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Instrument :
MSVOA_U
ClientSampleId :
ETZ52

Tgt Ion: 64 Resp: 864

Ion	Ratio	Lower	Upper
64	100		
66	4.6	21.2	39.4#

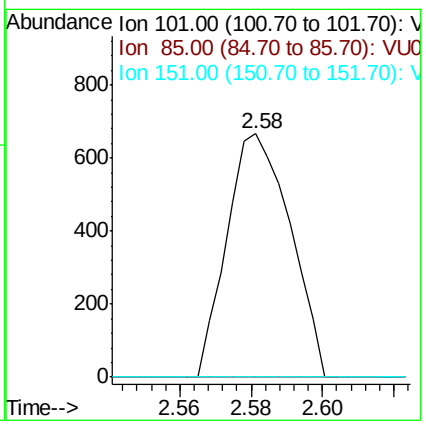


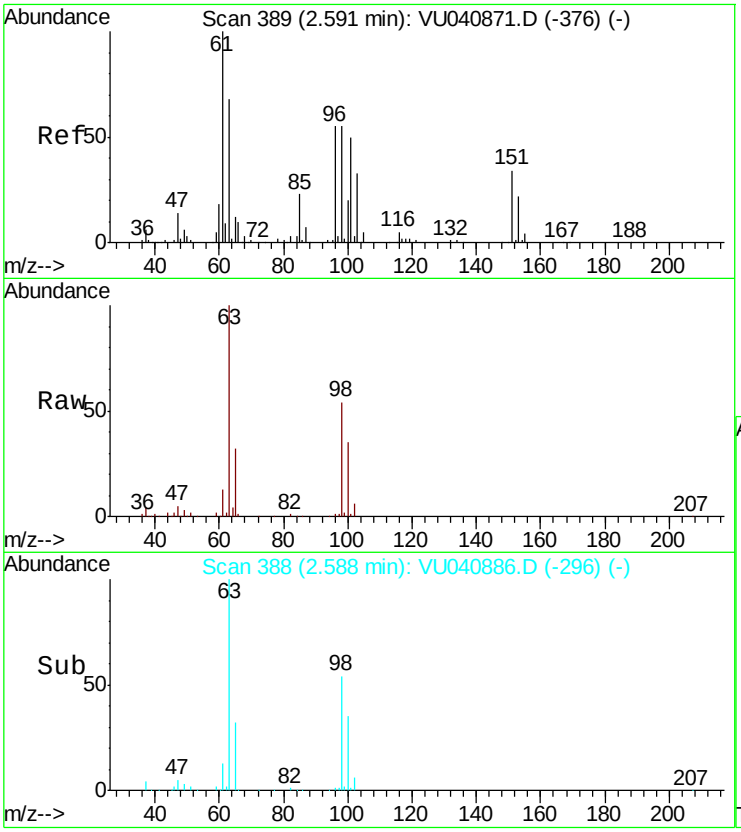


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Tgt Ion:101 Resp: 817

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.4	54.6#
151	0.0	56.3	84.5#



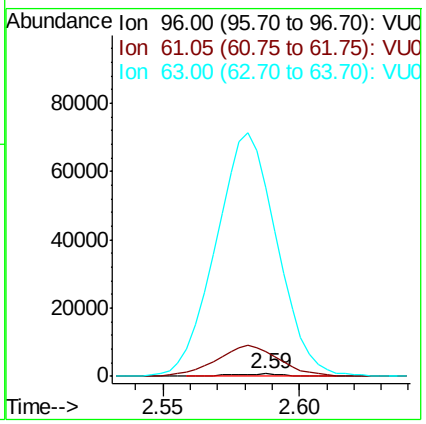


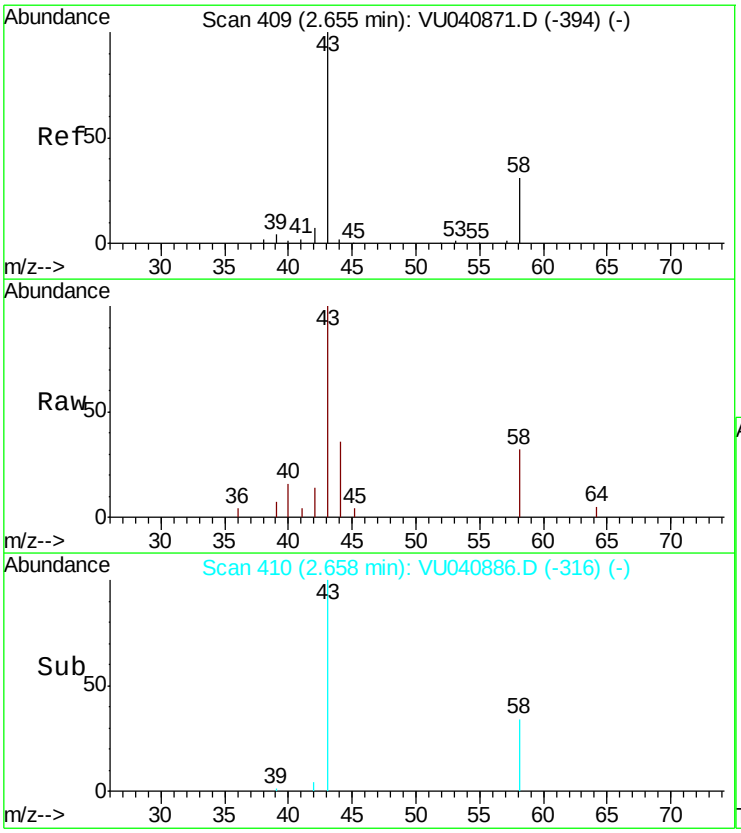
#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.00 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Instrument : MSVOA_U
ClientSampleId : ETZ52

Tgt Ion: 96 Resp: 1037

Ion	Ratio	Lower	Upper
96	100		
61	1040.6	130.9	243.1#
63	7927.7	85.4	158.6#

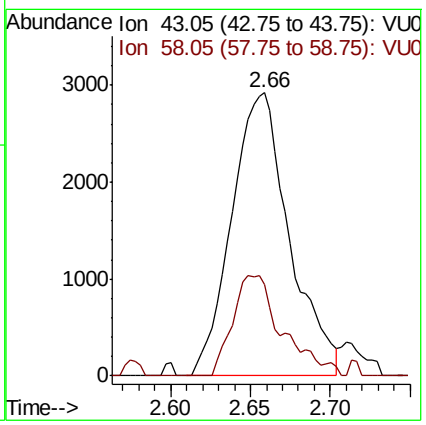


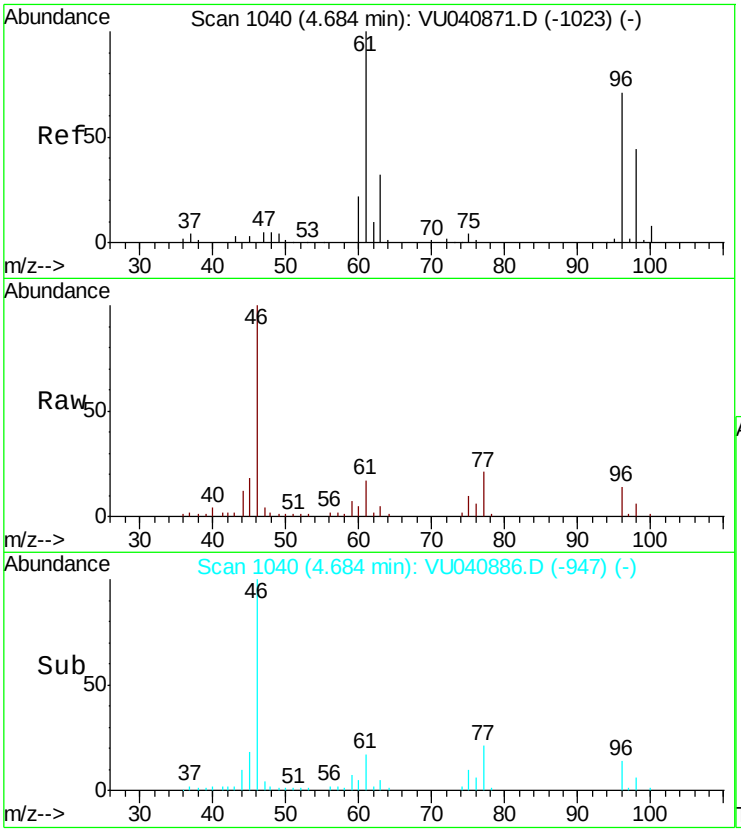


#13
Acetone
Concen: 1.878 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Tgt Ion: 43 Resp: 7248

Ion	Ratio	Lower	Upper
43	100		
58	30.3	0.0	58.6



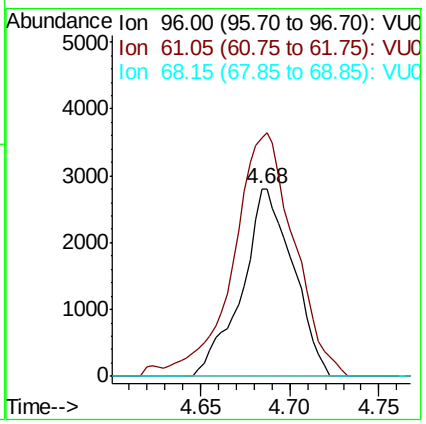


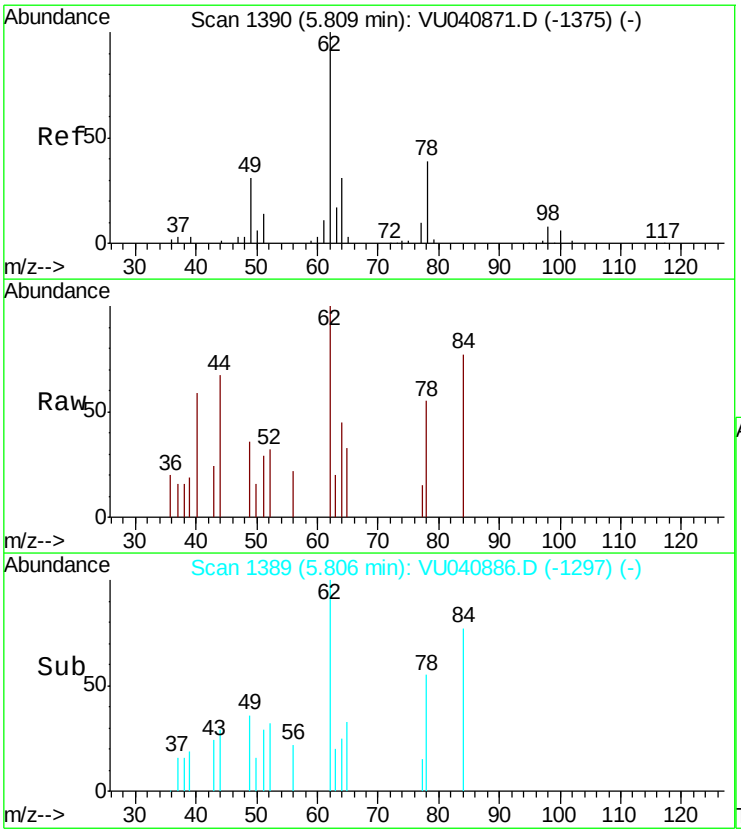
#22
cis-1,2-Dichloroethene
Concen: 0.298 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Instrument :
MSVOA_U
ClientSampleId :
ETZ52

Tgt Ion: 96 Resp: 5615

Ion	Ratio	Lower	Upper
96	100		
61	127.1	100.0	185.6
68	0.0	0.0	0.0

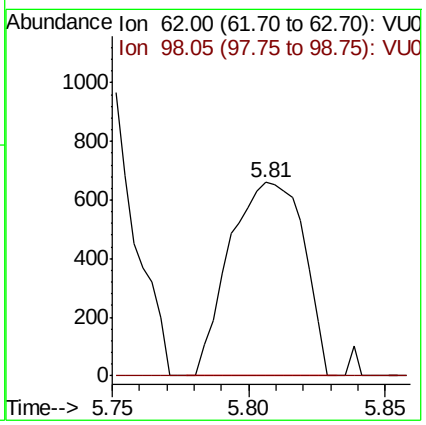


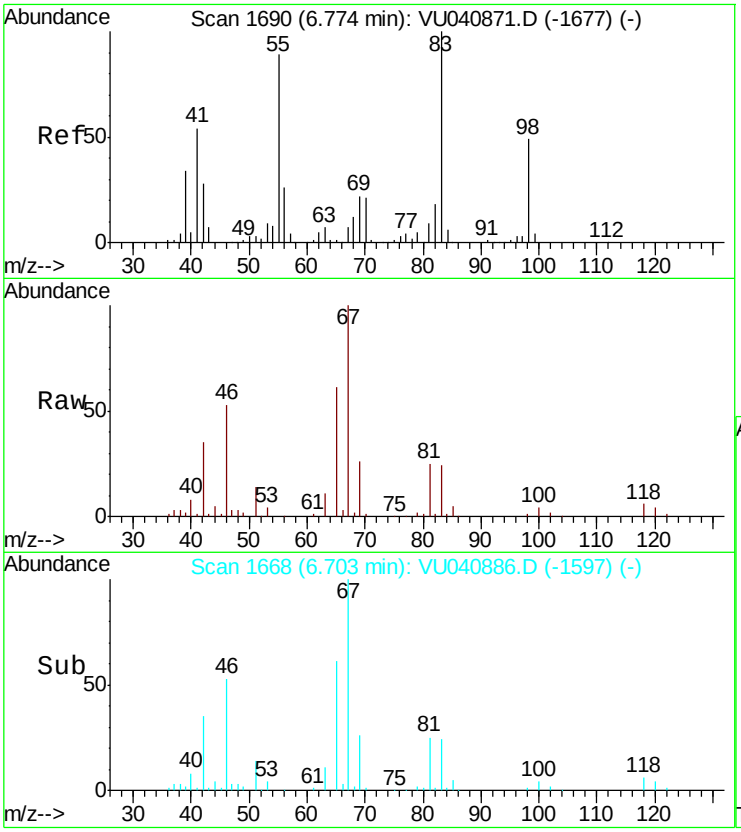


#27
1,2-Dichloroethane
Concen: 0.052 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Tgt Ion: 62 Resp: 1251

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.6#



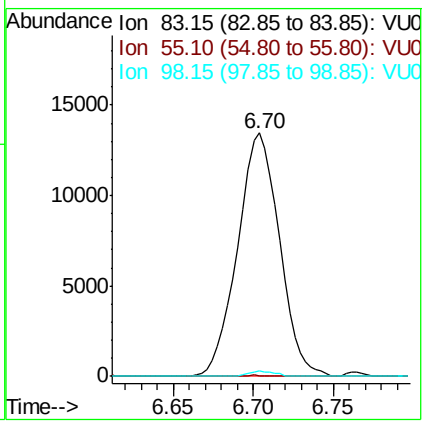


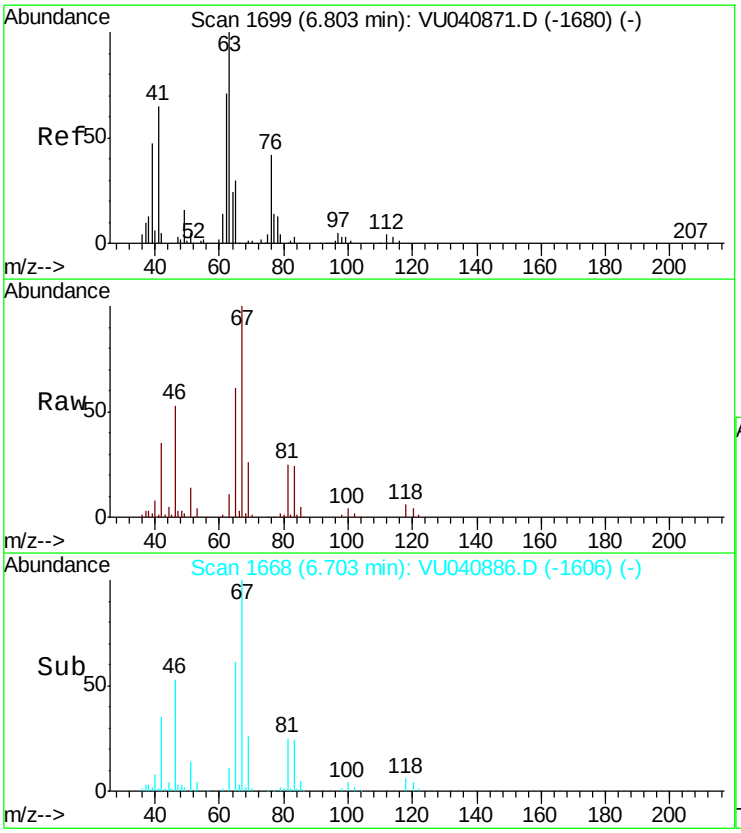
#35
Methylcyclohexane
Concen: 0.851 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Instrument : MSVOA_U
ClientSampleId : ETZ52

Tgt Ion: 83 Resp: 24052

Ion	Ratio	Lower	Upper
83	100		
55	0.1	69.1	103.7#
98	1.3	37.8	56.6#

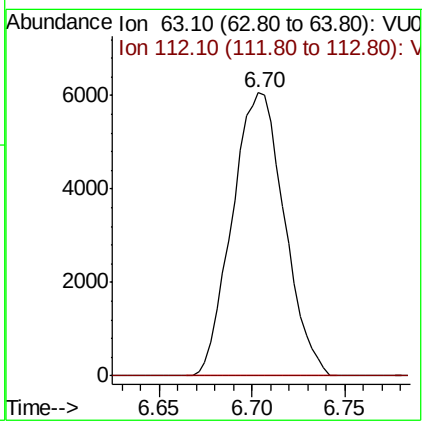


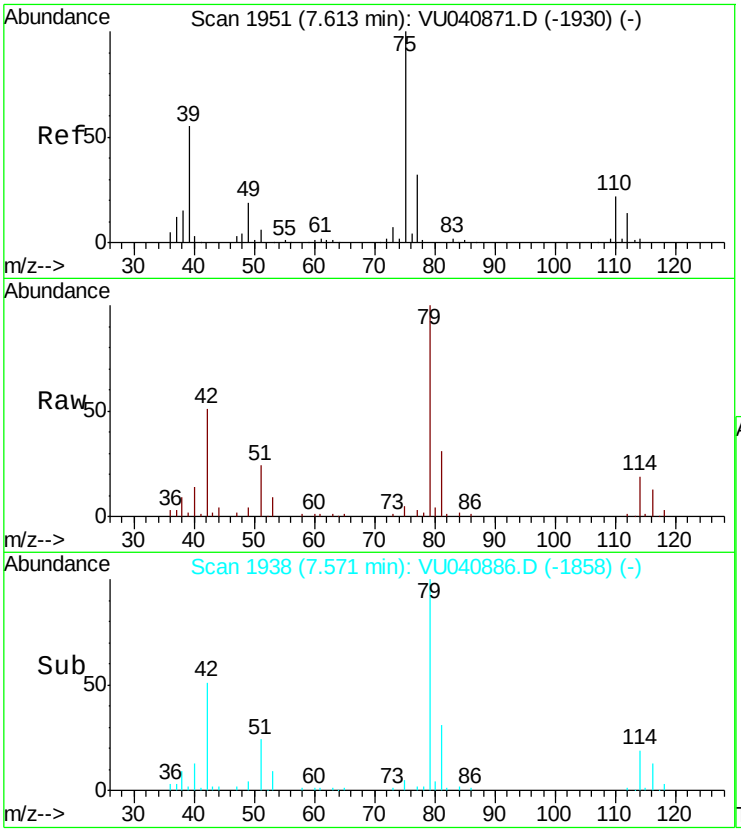


#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Tgt Ion: 63 Resp: 11836

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.0	4.6#



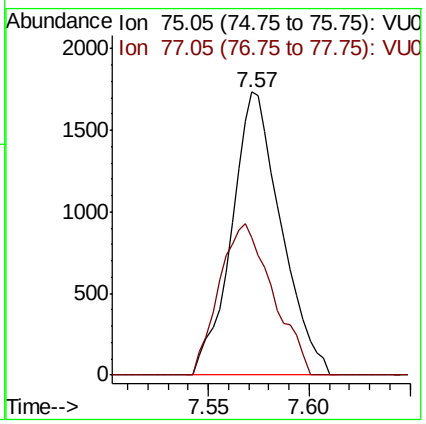


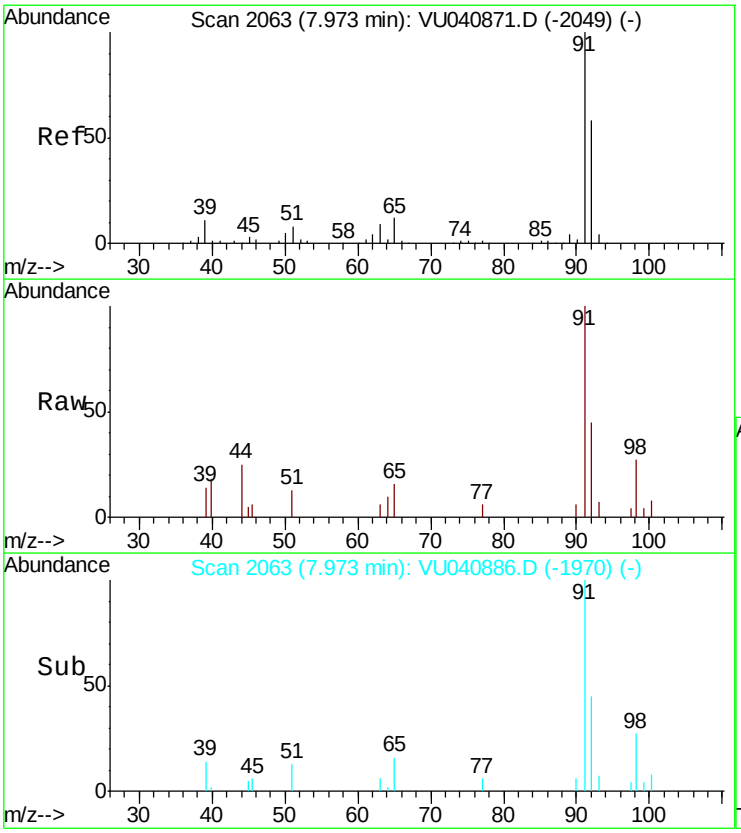
#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Instrument : MSVOA_U
ClientSampleId : ETZ52

Tgt Ion: 75 Resp: 2975

Ion	Ratio	Lower	Upper
75	100		
77	48.4	21.6	40.2#

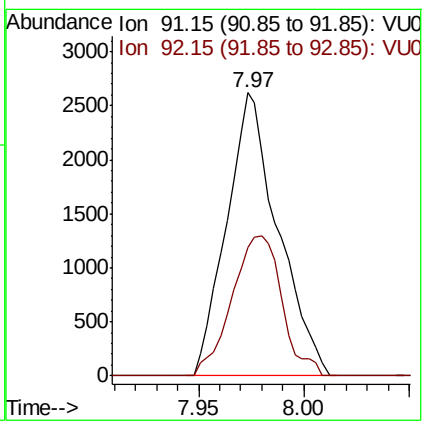


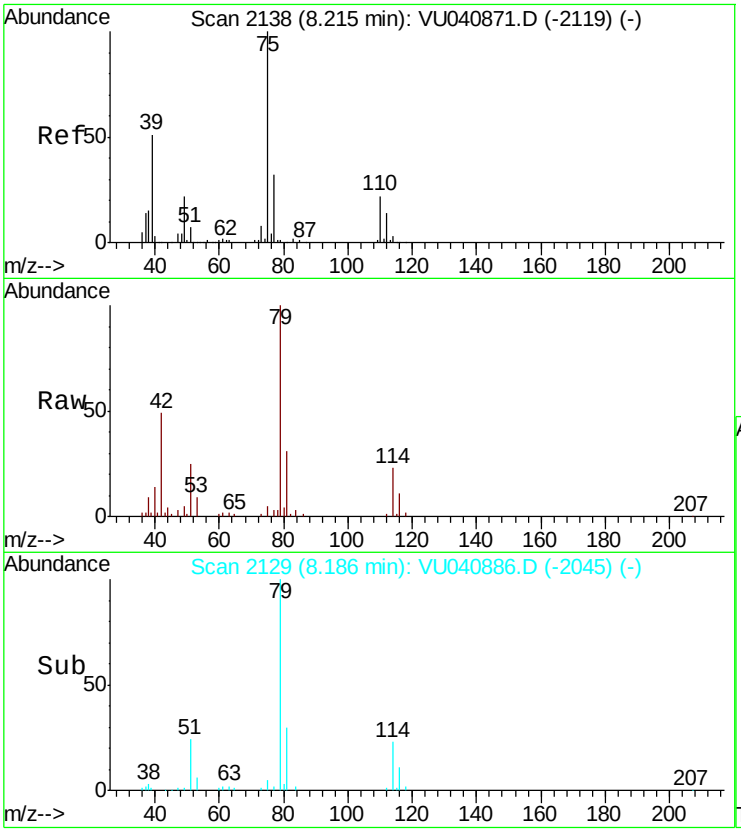


#42
Toluene
Concen: 0.059 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Tgt Ion: 91 Resp: 4417

Ion	Ratio	Lower	Upper
91	100		
92	45.3	40.6	75.4



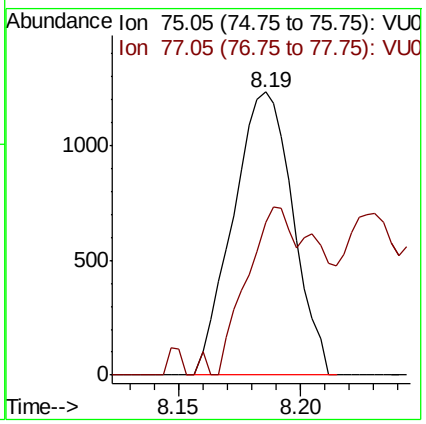


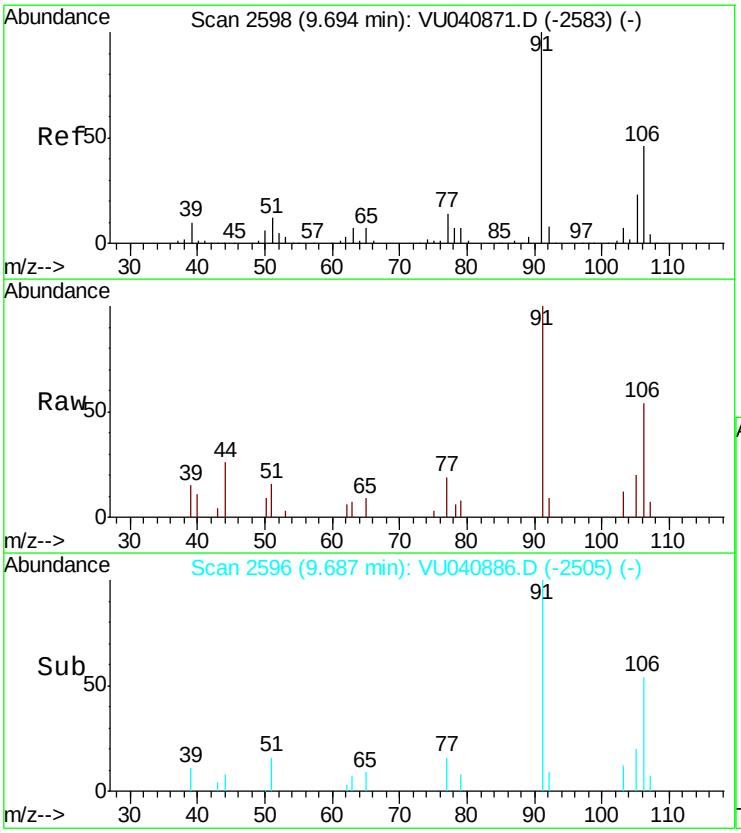
#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Instrument :
MSVOA_U
ClientSampleId :
ETZ52

Tgt Ion: 75 Resp: 2095

Ion	Ratio	Lower	Upper
75	100		
77	54.1	22.6	42.0#

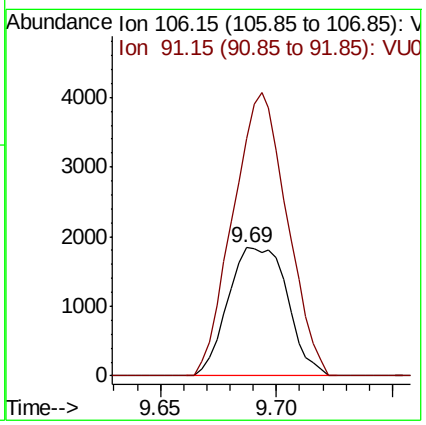


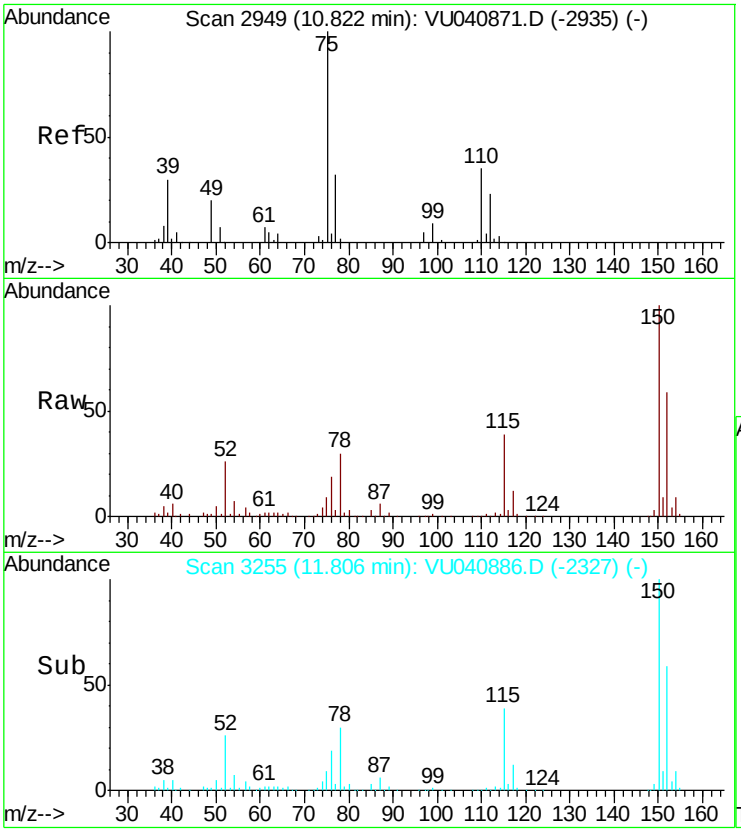


#53
m,p-Xylene
Concen: 0.113 ug/L
RT: 9.69 min Scan# 2596
Delta R.T. -0.01 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Tgt Ion:106 Resp: 3269

Ion	Ratio	Lower	Upper
106	100		
91	185.0	153.3	284.7





#59
1,2,3-Trichloropropane
Concen: 1.073 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040886.D
Acq: 21 Oct 2020 20:36

Instrument :
MSVOA_U
ClientSampleId :
ETZ52

Tgt Ion: 75 Resp: 13980

Ion	Ratio	Lower	Upper
75	100		
77	33.9	27.5	41.3