Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060420\
Data File : VU038541.D
Acq On : 04 Jun 2020 11:15
Operator : SY/MD
Sample : L2662-16 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9B27

Quant Time: Jun 05 01:12:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 05 01:11:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	327043	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	327436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	182915	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	73783	3.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.80%			
7) Chloroethane-d5	1.93	69	66085	4.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.20%			
11) 1,1-Dichloroethene-d2	2.59	63	118886	2.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.00%#			
20) 2-Butanone-d5	4.68	46	307321	47.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.58%			
24) Chloroform-d	5.10	84	170186	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
26) 1,2-Dichloroethane-d4	5.74	65	100354	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	5.76	84	337606	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
36) 1,2-Dichloropropane-d6	6.72	67	106476	4.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.80%			
41) Toluene-d8	7.92	98	283373	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
43) trans-1,3-Dichloropropene-	8.20	79	43561	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
46) 2-Hexanone-d5	8.66	63	245646	46.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.02%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93458	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.60%			
64) 1,2-Dichlorobenzene-d4	12.21	152	134756	4.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	123084	4.853	ug/L	98
8) Chloroethane	1.95	64	1109	0.073	ug/L	85
12) 1,1-Dichloroethene	2.60	96	2186	0.109	ug/L #	1
13) Acetone	2.67	43	6249	1.485	ug/L	97
16) Methylene chloride	3.08	84	2246	0.099	ug/L	80
18) trans-1,2-Dichloroethene	3.39	96	4754	0.219	ug/L	88
22) cis-1,2-Dichloroethene	4.71	96	293922	12.576	ug/L	96
27) 1,2-Dichloroethane	5.83	62	4603	0.166	ug/L	97
33) Benzene	5.81	78	66269	0.726	ug/L	100
35) Methylcyclohexane	6.72	83	25234	0.688	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11602	0.505	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3075	0.091	ug/L #	65
42) Toluene	8.00	91	156878	1.638	ug/L	100
48) 2-Hexanone	8.71	43	22295	1.792	ug/L #	95
52) Ethylbenzene	9.59	91	227534	2.135	ug/L	100
53) m,p-Xylene	9.71	106	94796	2.313	ug/L	99
54) o-Xylene	10.12	106	58846	1.496	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060420\
Data File : VU038541.D
Acq On : 04 Jun 2020 11:15
Operator : SY/MD
Sample : L2662-16 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9B27

Quant Time: Jun 05 01:12:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 05 01:11:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) Styrene	10.12	104	6675	0.100	ug/L	#	1
56) Isopropylbenzene	10.50	105	19834	0.192	ug/L		99
59) 1,2,3-Trichloropropane	11.74	75	6266	0.365	ug/L	#	1
66) 1,2-Dibromo-3-chloropropan	13.05	75	20053	4.853	ug/L	#	5

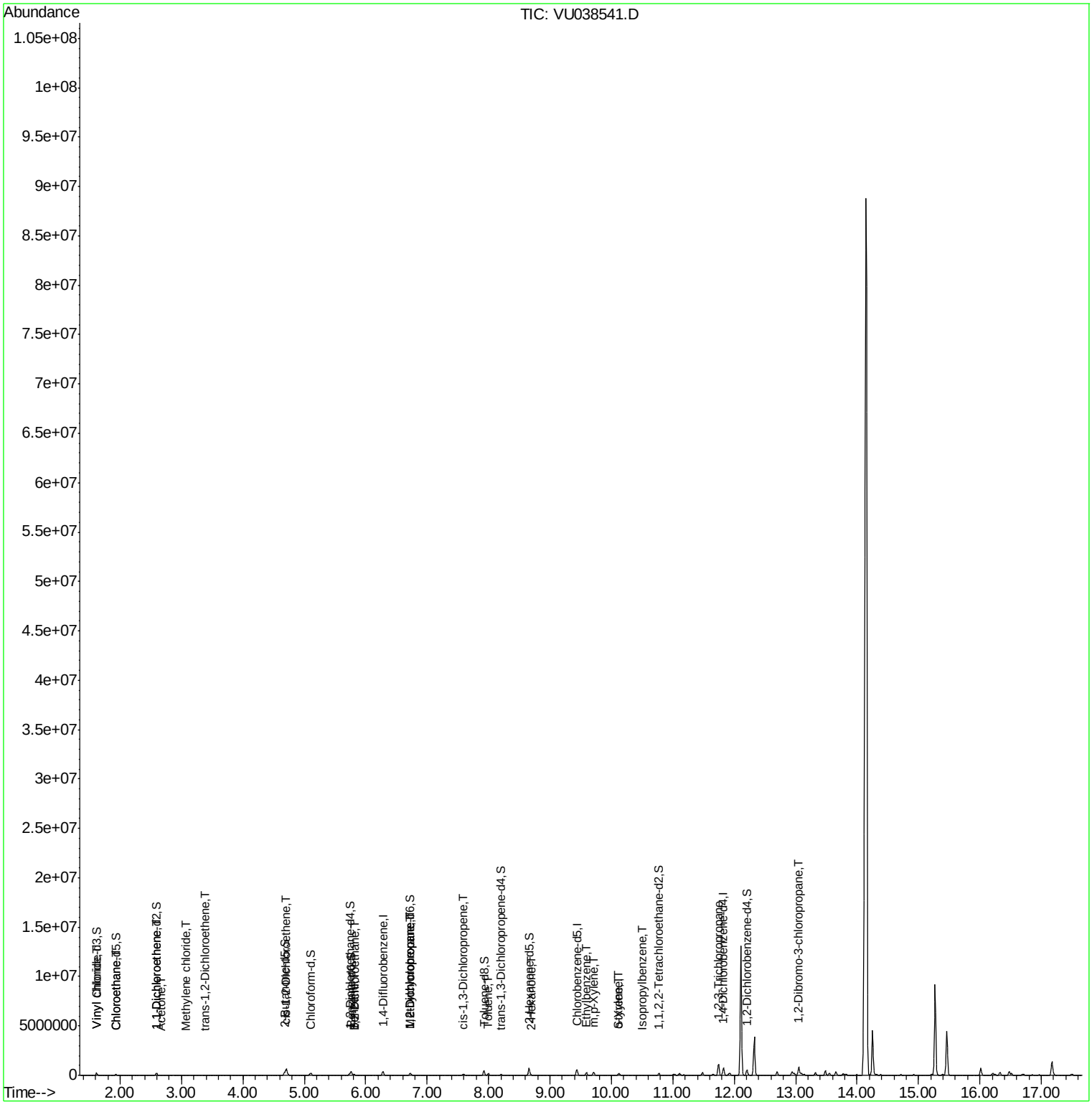
(#) = qualifier out of range (m) = manual integration (+) = signals summed

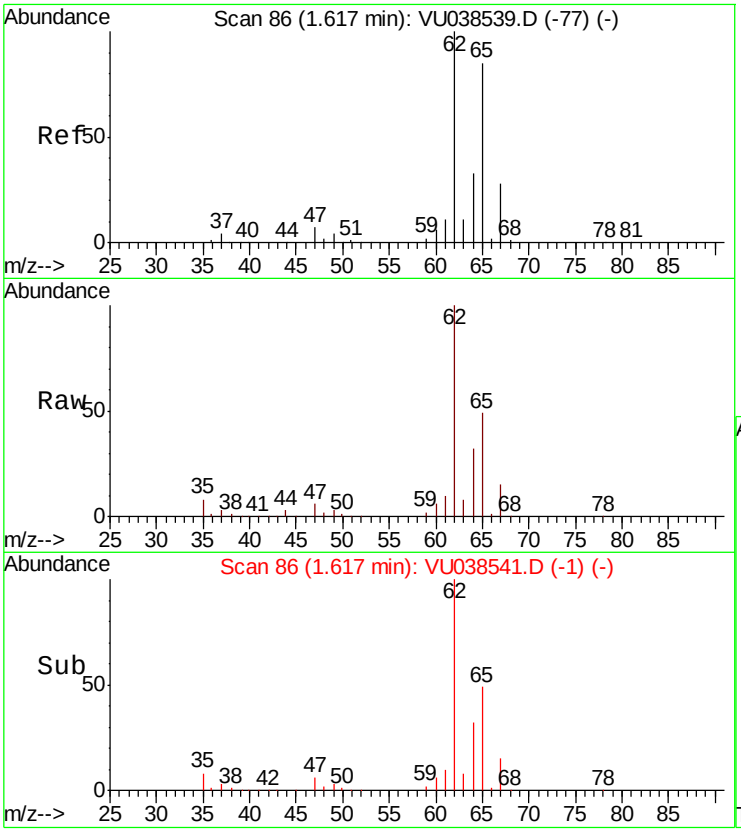
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
Data File : VU038541.D
Acq On : 04 Jun 2020 11:15
Operator : SY/MD
Sample : L2662-16 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9B27

Quant Time: Jun 05 01:12:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 05 01:11:12 2020
Response via : Initial Calibration



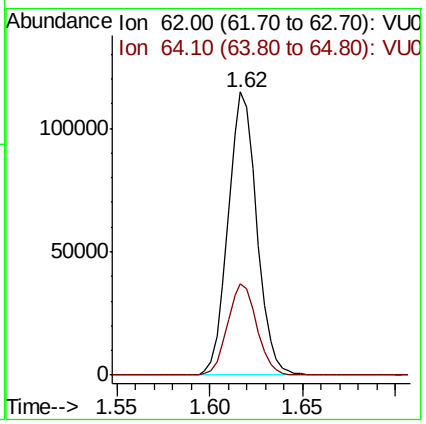


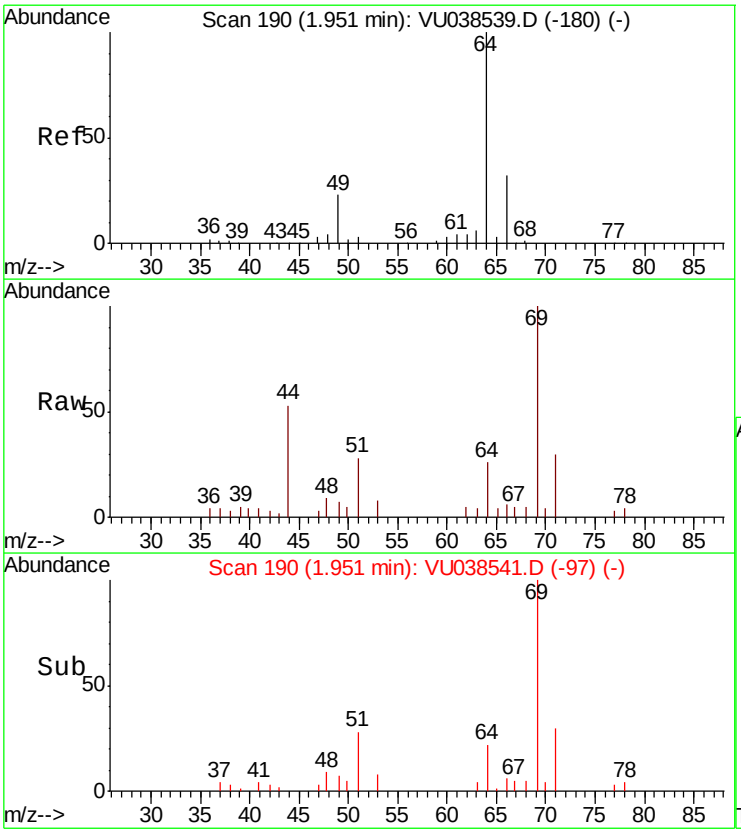
#5
Vinyl chloride
Concen: 4.853 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Instrument :
MSVOA_U
ClientSampleId :
F9B27

Tgt Ion: 62 Resp: 123084

Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.7	43.9

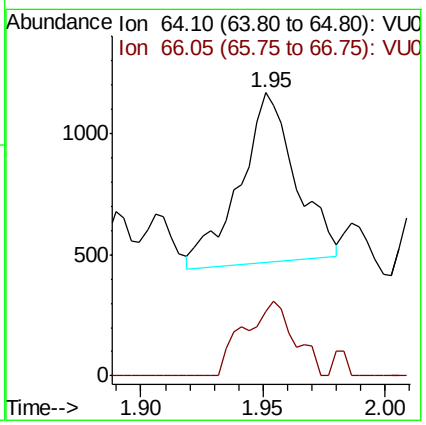


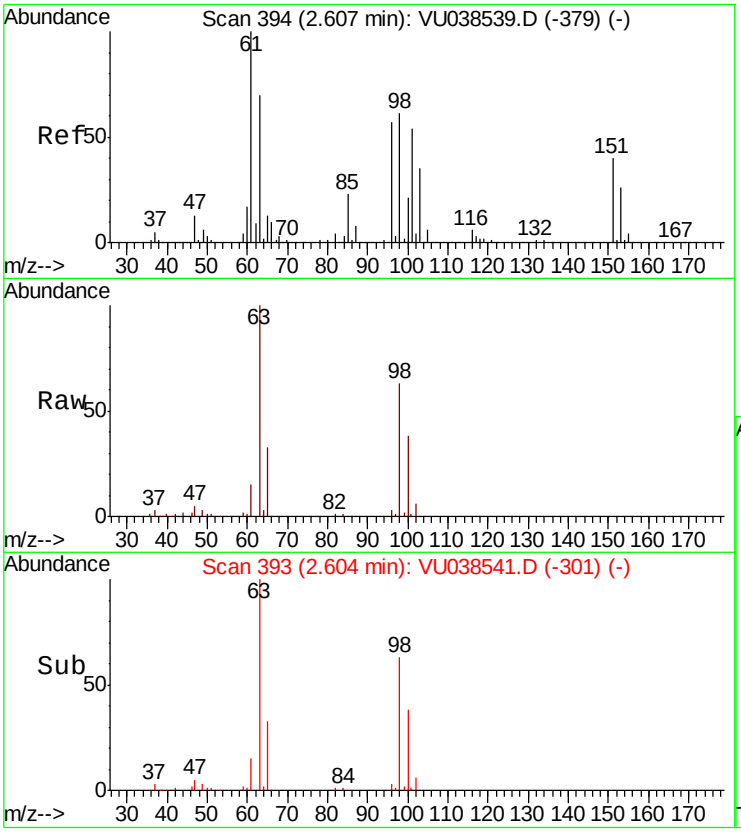


#8
Chloroethane
Concen: 0.073 ug/L
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Tgt Ion: 64 Resp: 1109

Ion	Ratio	Lower	Upper
64	100		
66	22.6	21.5	39.9



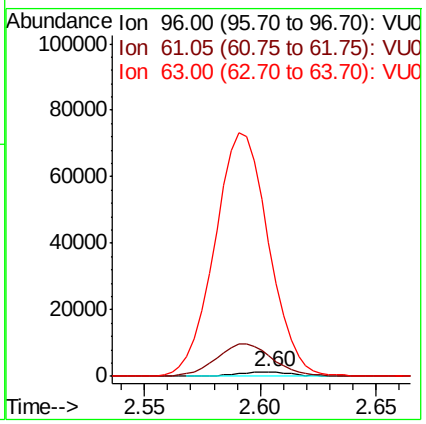


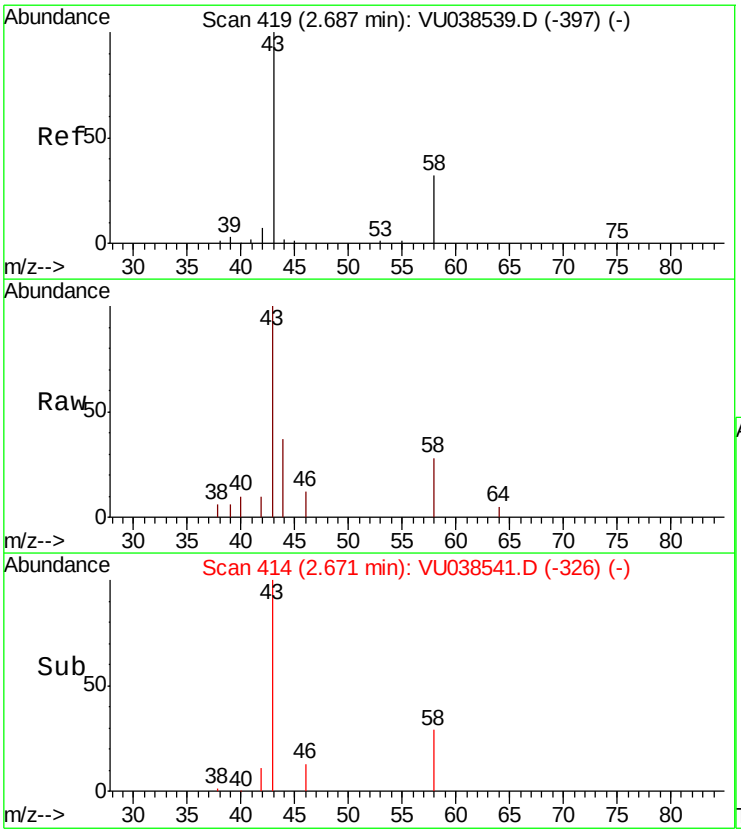
#12
1,1-Dichloroethene
Concen: 0.109 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Instrument : MSVOA_U
ClientSampleId : F9B27

Tgt Ion: 96 Resp: 2186

Ion	Ratio	Lower	Upper
96	100		
61	481.7	119.9	222.7#
63	3132.6	89.9	167.0#

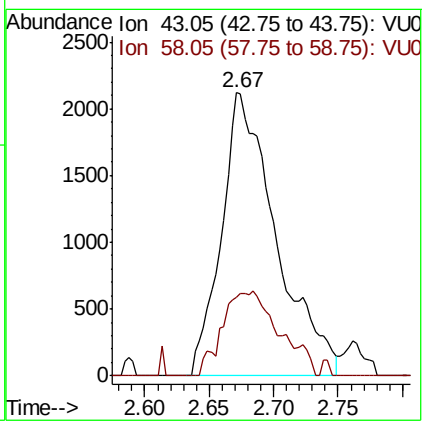


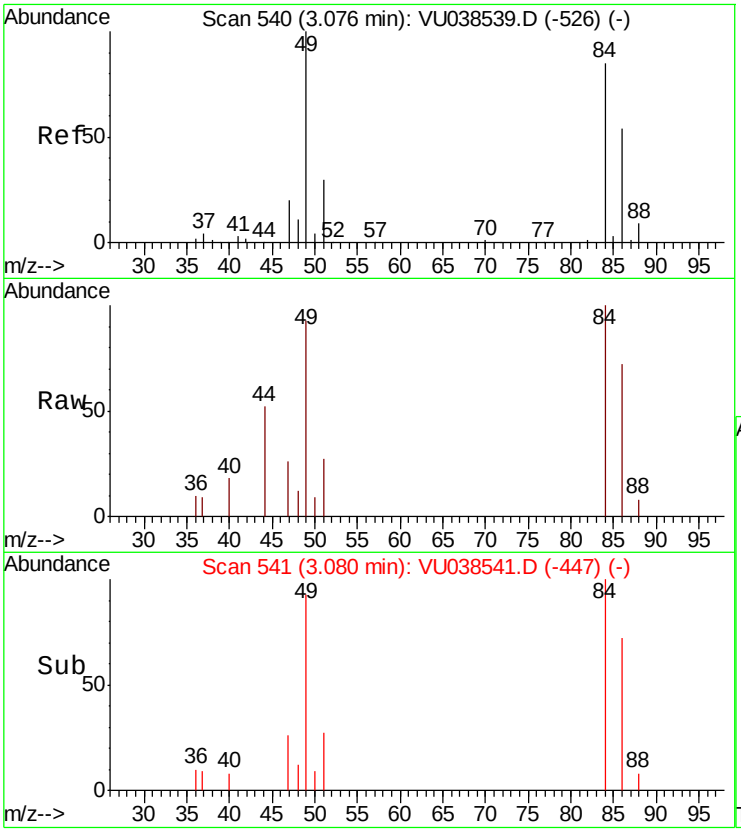


#13
Acetone
Concen: 1.485 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.02 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Tgt Ion: 43 Resp: 6249

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	65.6



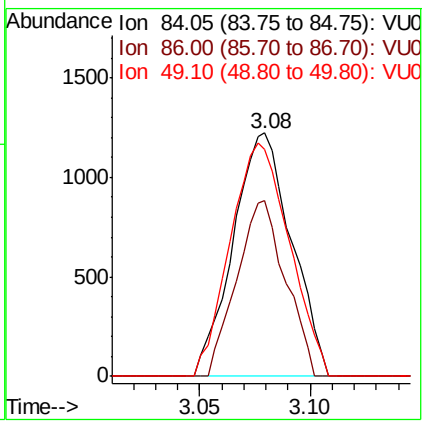


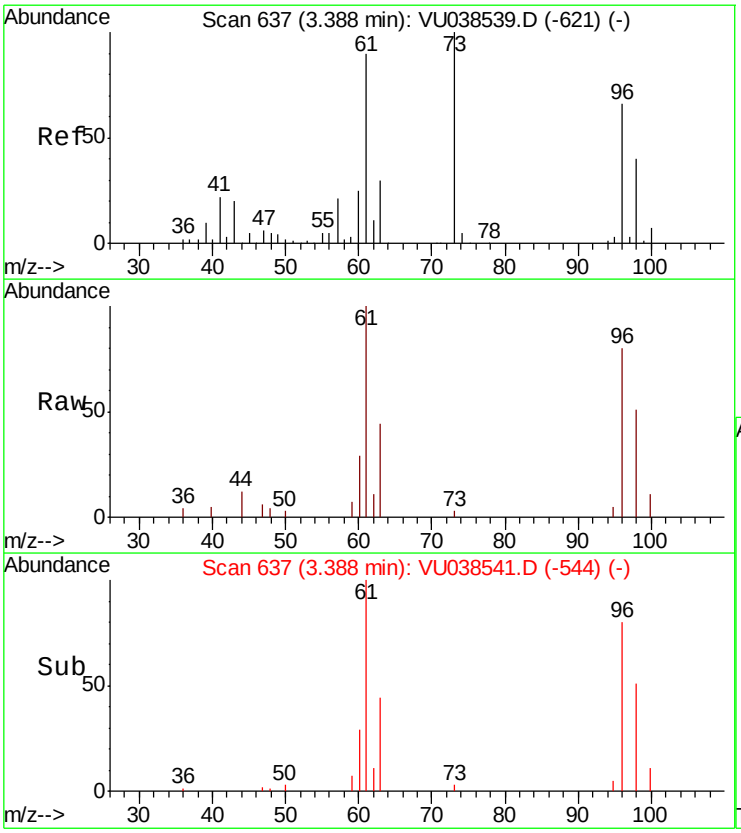
#16
Methylene chloride
Concen: 0.099 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Instrument : MSVOA_U
ClientSampleId : F9B27

Tgt Ion: 84 Resp: 2246

Ion	Ratio	Lower	Upper
84	100		
86	72.1	45.0	83.6
49	93.4	85.5	158.9

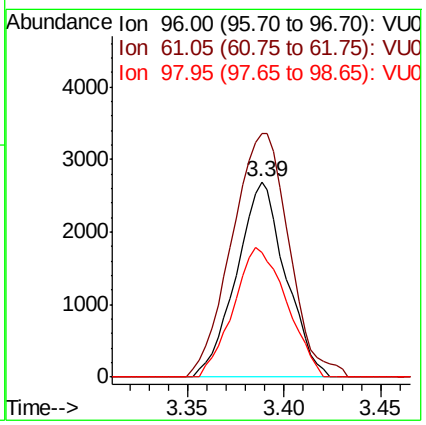


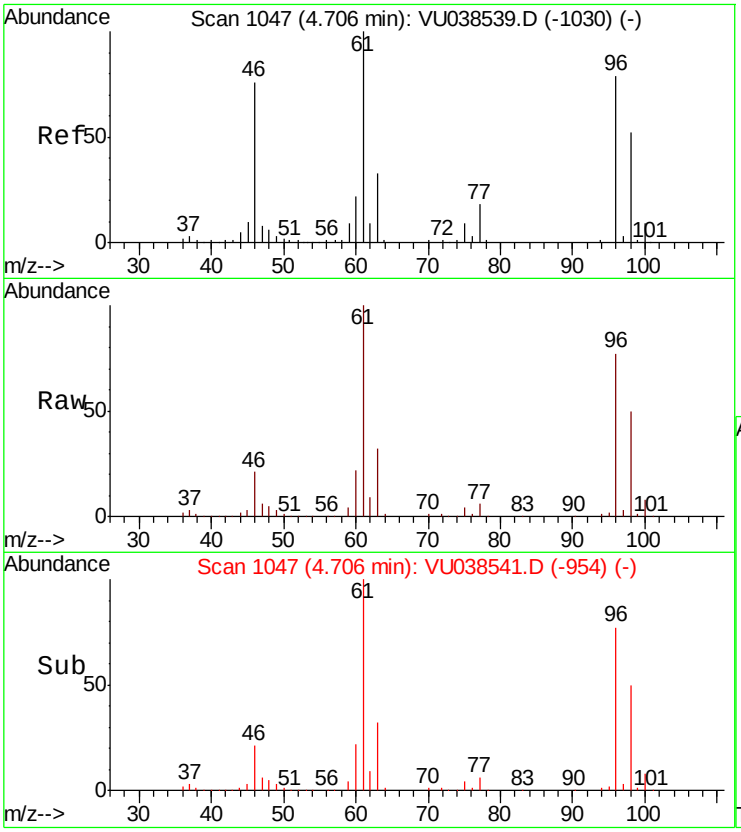


#18
trans-1,2-Dichloroethene
Concen: 0.219 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Tgt Ion: 96 Resp: 4754

Ion	Ratio	Lower	Upper
96	100		
61	124.8	100.2	186.0
98	64.1	42.8	79.4



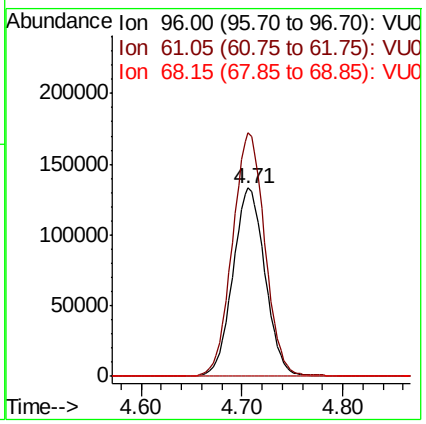


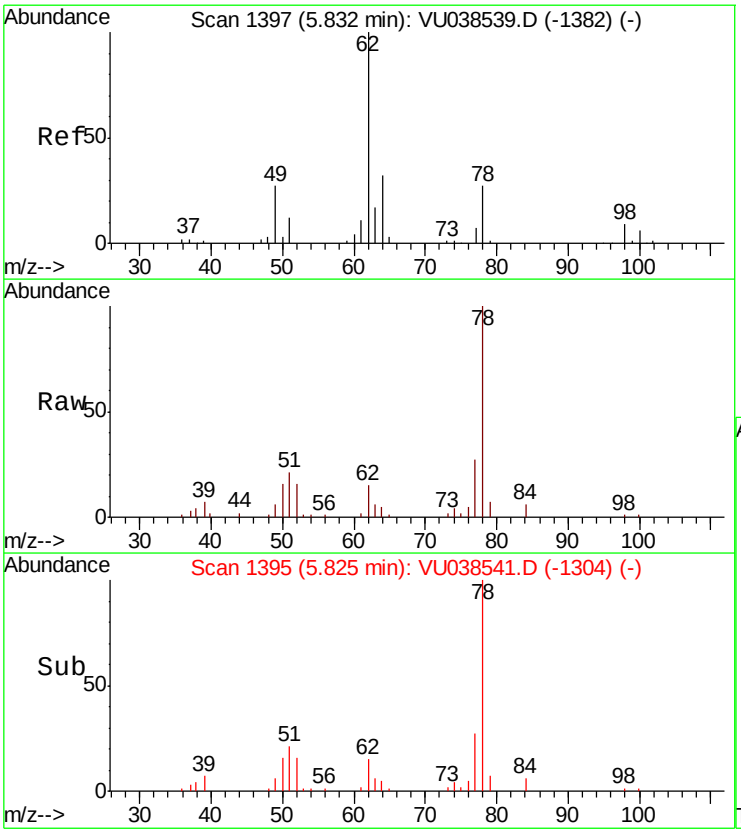
#22
cis-1,2-Dichloroethene
Concen: 12.576 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Instrument : MSVOA_U
ClientSampleId : F9B27

Tgt Ion: 96 Resp: 293922

Ion	Ratio	Lower	Upper
96	100		
61	129.4	94.0	174.6
68	0.0	0.0	0.0

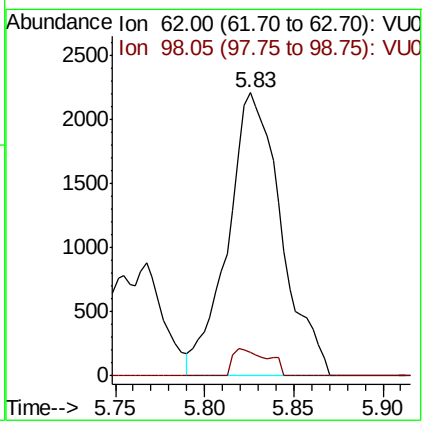


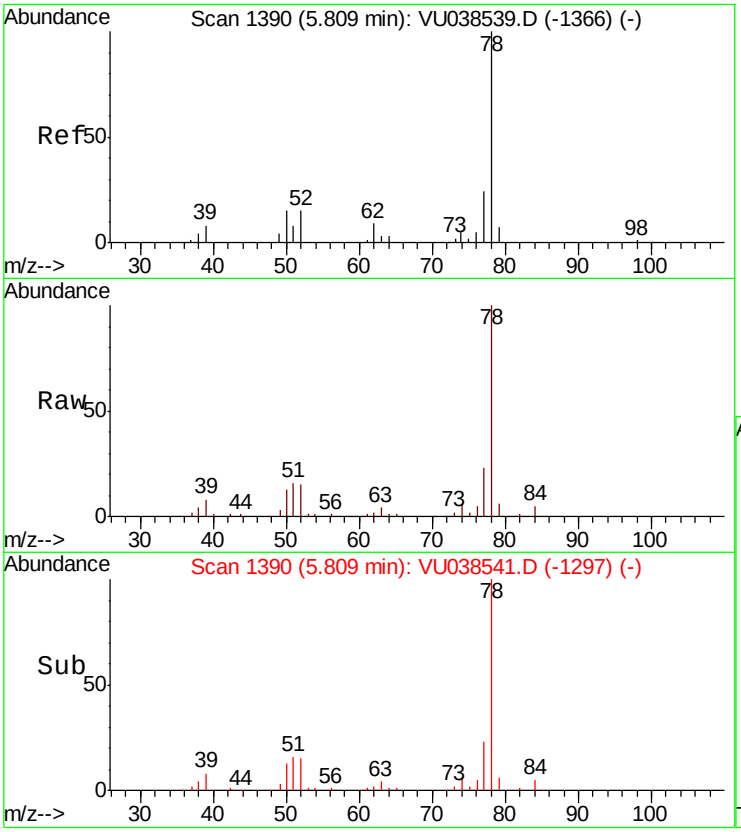


#27
1,2-Dichloroethane
Concen: 0.166 ug/L
RT: 5.83 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Tgt Ion: 62 Resp: 4603

Ion	Ratio	Lower	Upper
62	100		
98	8.3	7.4	11.2

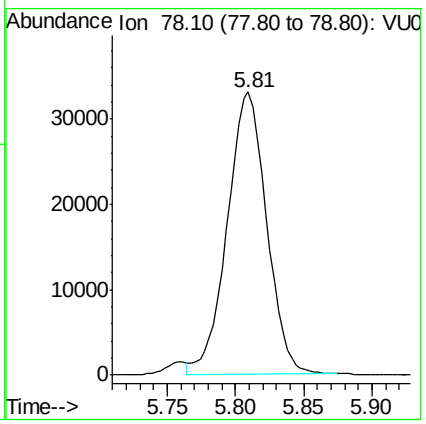


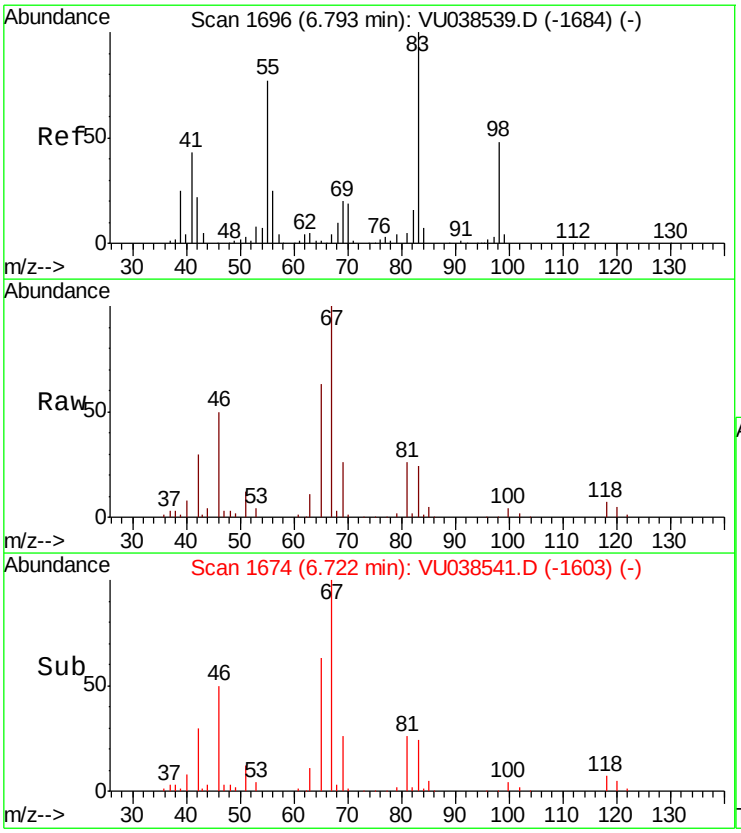


#33
Benzene
Concen: 0.726 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Instrument :
MSVOA_U
ClientSampleId :
F9B27

Tgt Ion: 78 Resp: 66269

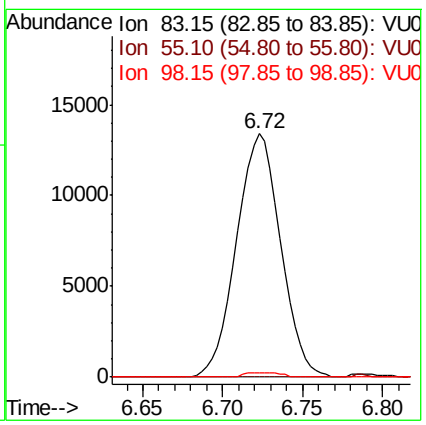


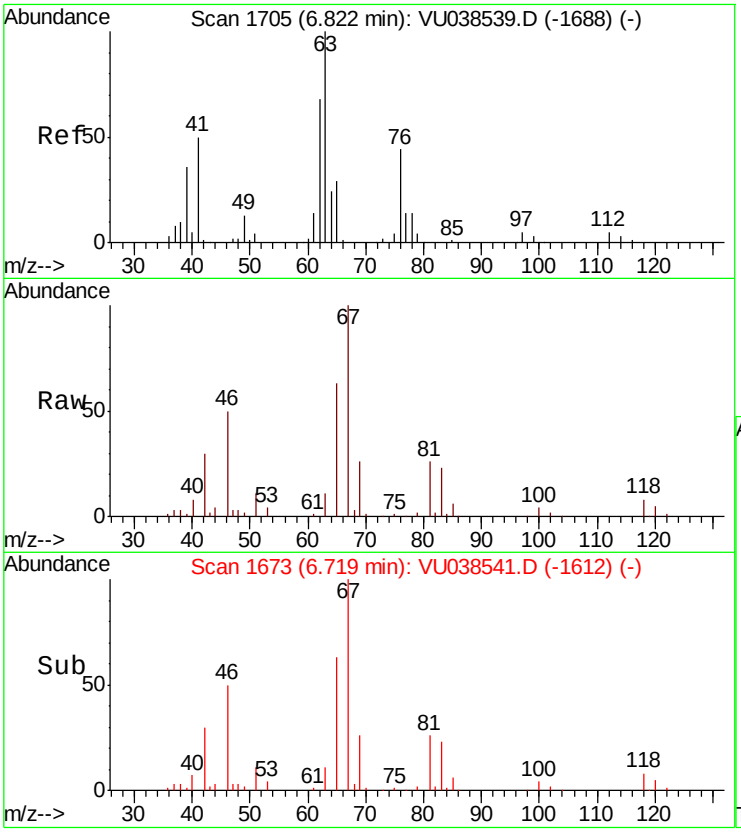


#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Tgt Ion: 83 Resp: 25234

Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.2#
98	1.4	39.0	58.4#



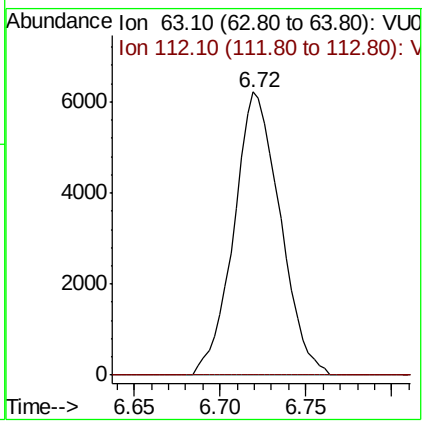


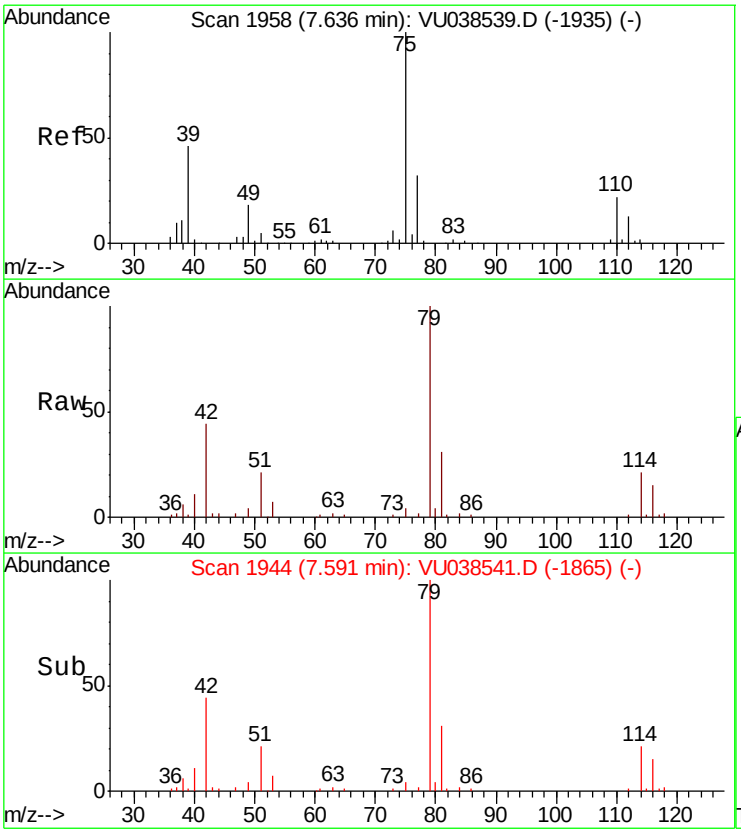
#37
1,2-Dichloropropane
Concen: 0.505 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Instrument :
MSVOA_U
ClientSampleId :
F9B27

Tgt Ion: 63 Resp: 11602

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

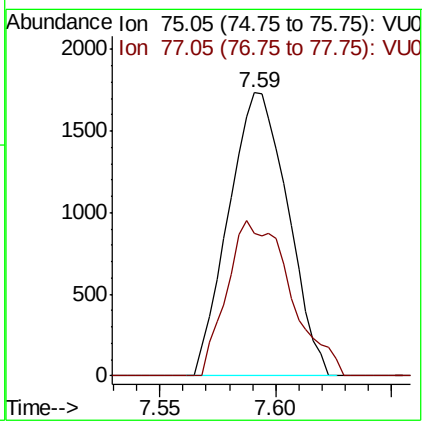


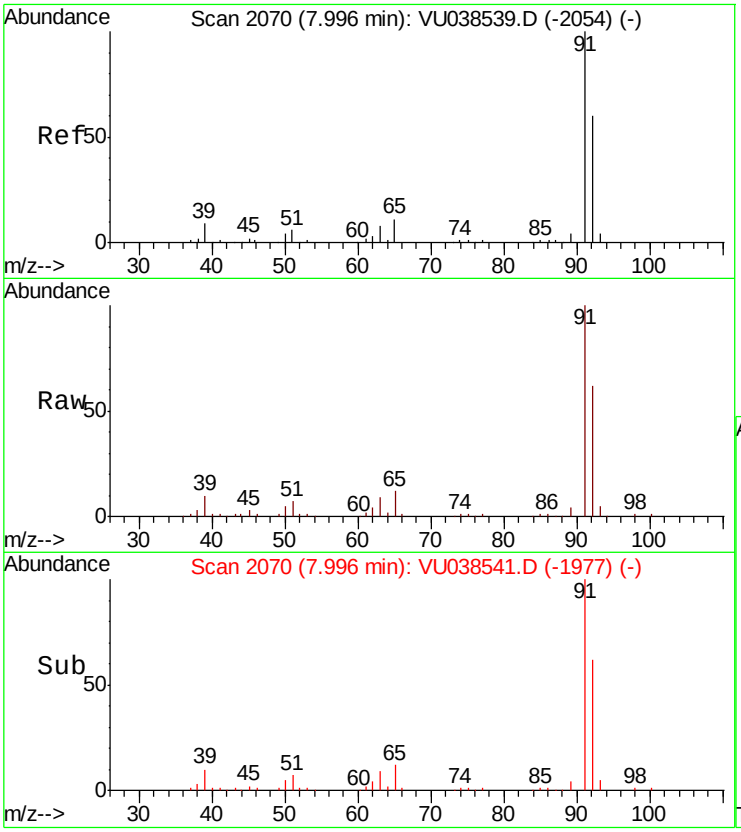


#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Tgt Ion: 75 Resp: 3075

Ion	Ratio	Lower	Upper
75	100		
77	50.5	21.9	40.7#



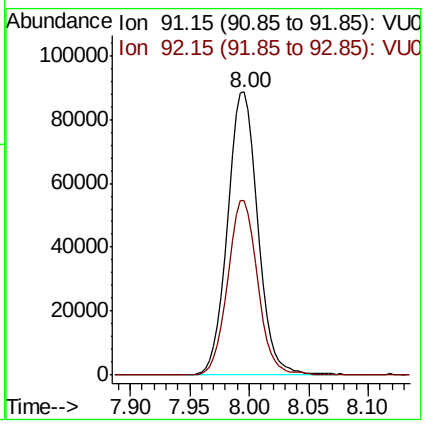


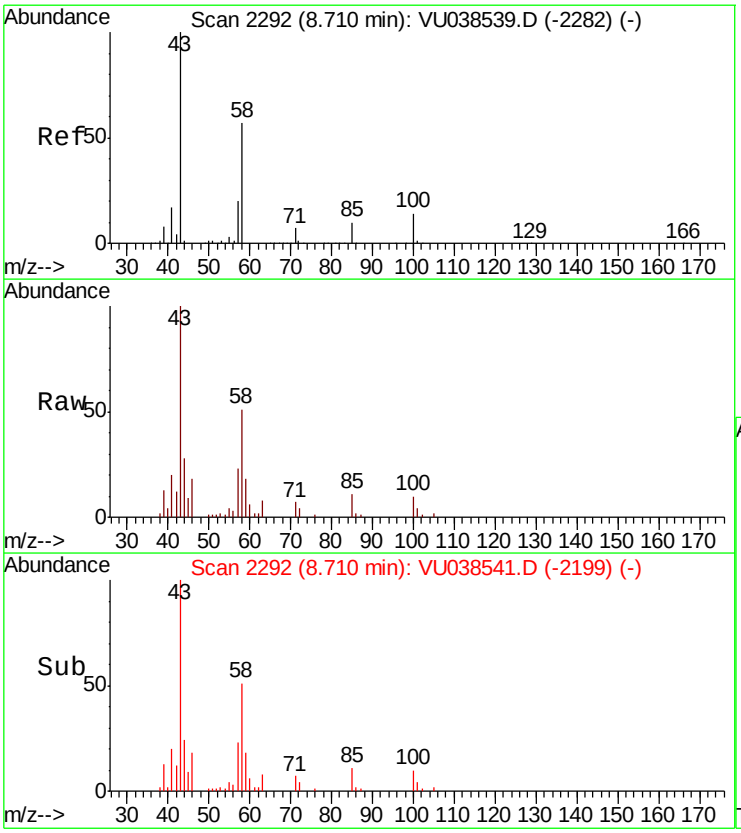
#42
Toluene
Concen: 1.638 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Instrument :
MSVOA_U
ClientSampleId :
F9B27

Tgt Ion: 91 Resp: 156878

Ion	Ratio	Lower	Upper
91	100		
92	61.5	43.0	79.8

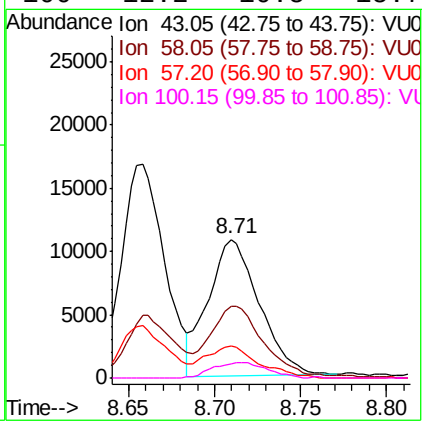


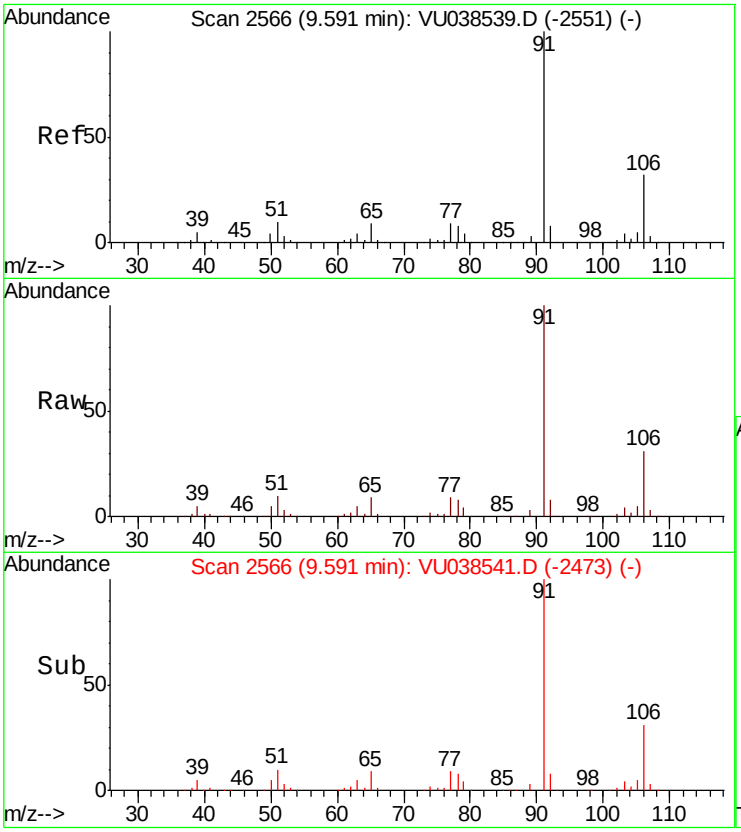


#48
2-Hexanone
Concen: 1.792 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Tgt Ion: 43 Resp: 22295

Ion	Ratio	Lower	Upper
43	100		
58	53.5	45.4	68.0
57	24.9	15.9	23.9#
100	12.2	10.5	15.7



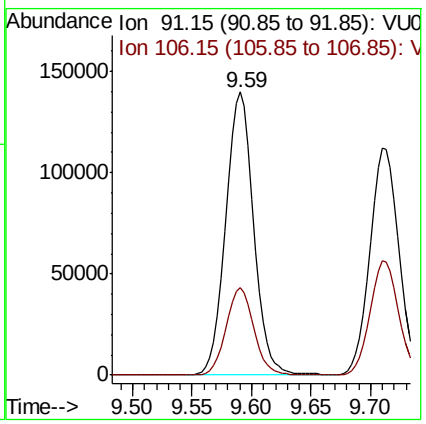


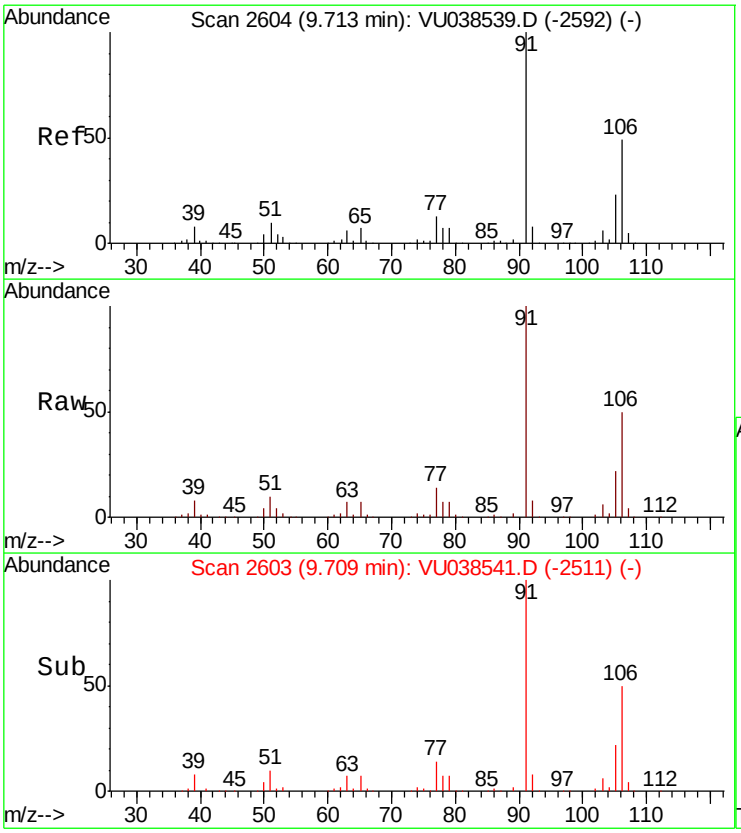
#52
Ethylbenzene
Concen: 2.135 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Instrument : MSVOA_U
ClientSampleId : F9B27

Tgt Ion: 91 Resp: 227534

Ion	Ratio	Lower	Upper
91	100		
106	30.9	21.7	40.3

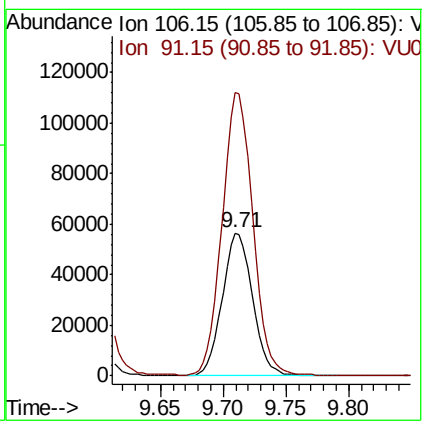


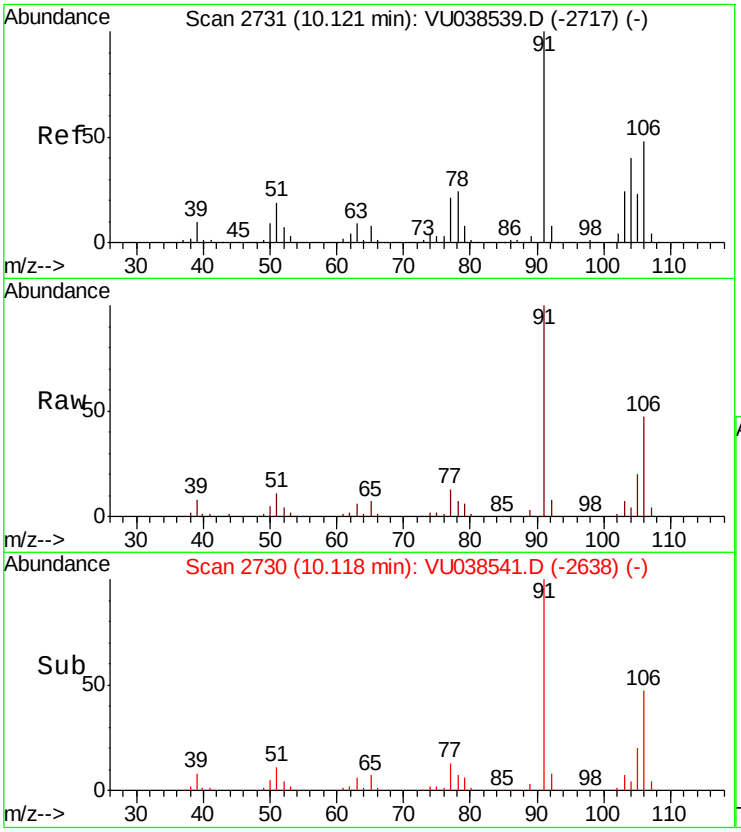


#53
m,p-Xylene
Concen: 2.313 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Tgt Ion:106 Resp: 94796

Ion	Ratio	Lower	Upper
106	100		
91	198.6	138.1	256.5



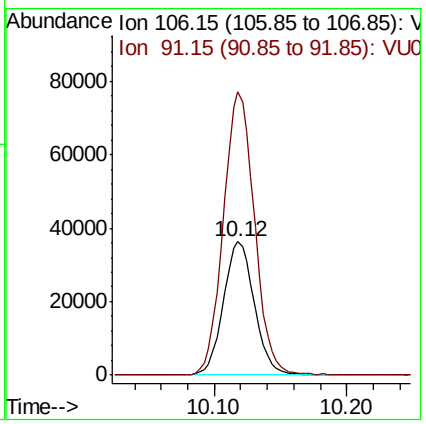


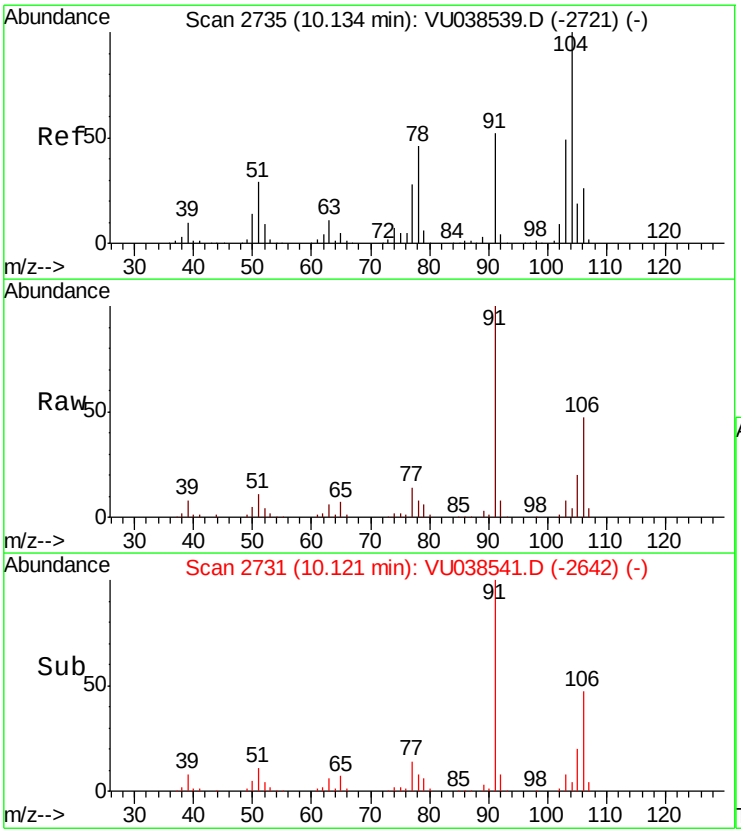
#54
o-Xylene
Concen: 1.496 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Instrument :
MSVOA_U
ClientSampleId :
F9B27

Tgt Ion:106 Resp: 58846

Ion	Ratio	Lower	Upper
106	100		
91	212.4	150.6	279.8

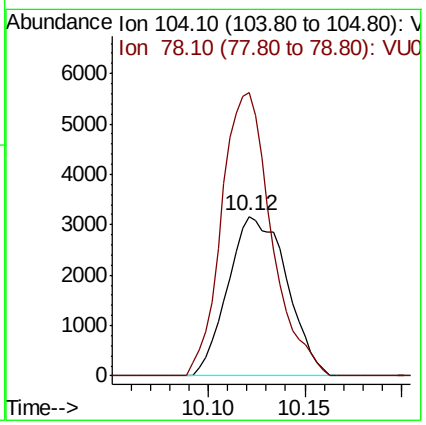


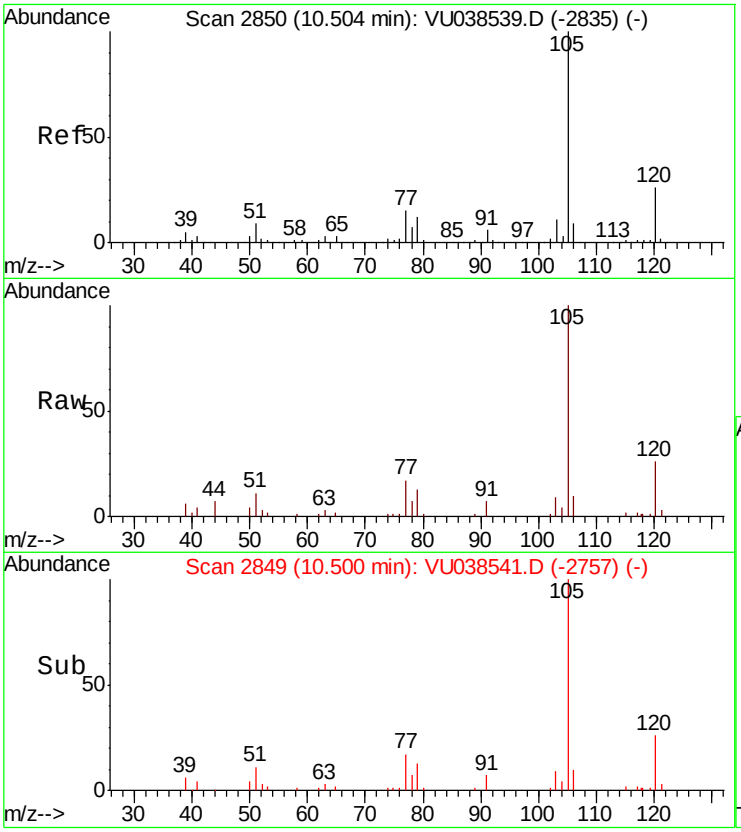


#55
Styrene
Concen: 0.100 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.01 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Tgt Ion:104 Resp: 6675

Ion	Ratio	Lower	Upper
104	100		
78	177.5	31.9	59.3#



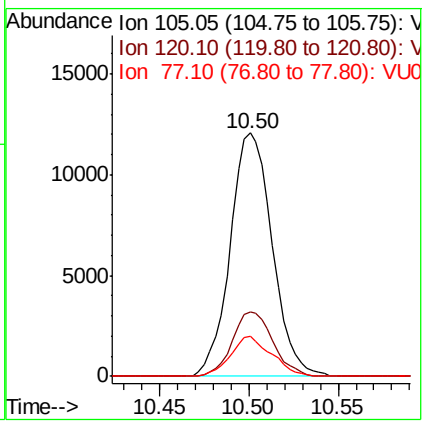


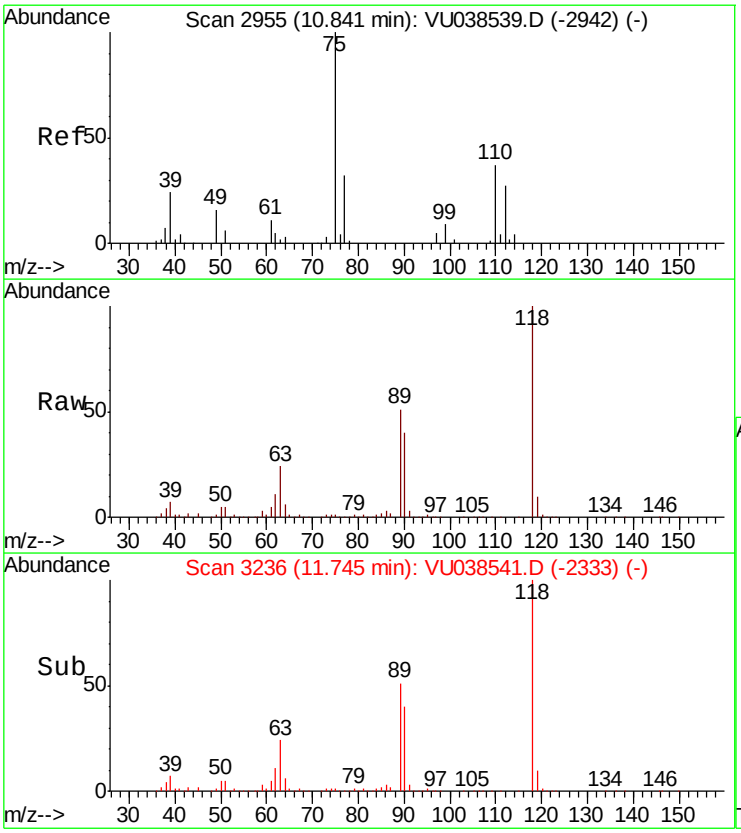
#56
Isopropylbenzene
Concen: 0.192 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Instrument :
MSVOA_U
ClientSampleId :
F9B27

Tgt Ion:105 Resp: 19834

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.7	31.1
77	16.1	12.5	18.7

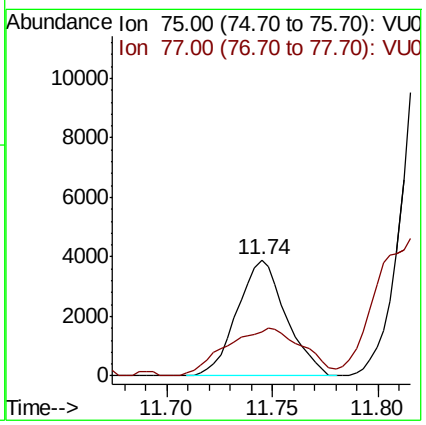


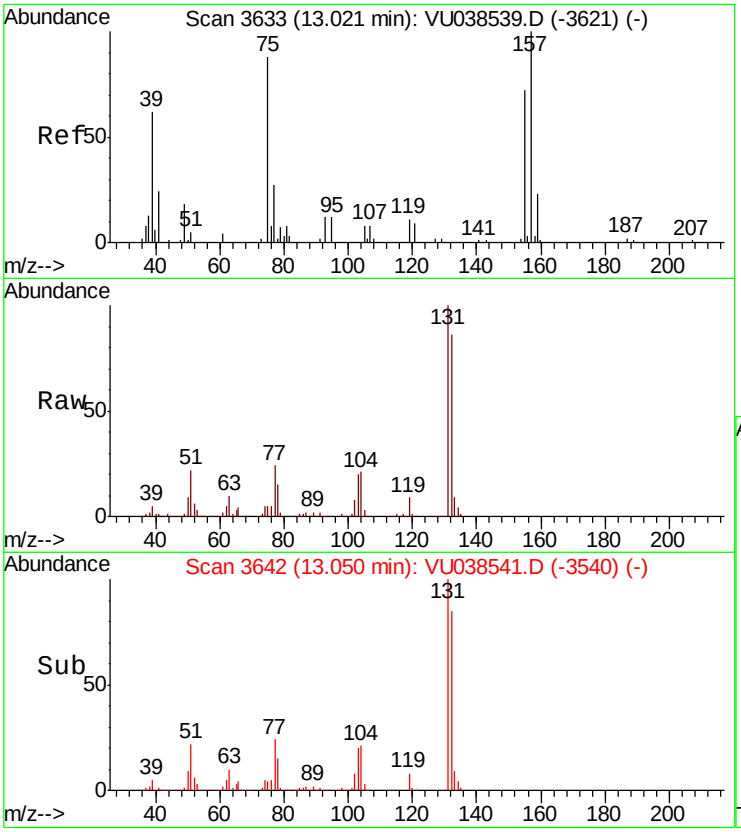


#59
1,2,3-Trichloropropane
Concen: 0.365 ug/L
RT: 11.74 min Scan# 3236
Delta R.T. 0.90 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Tgt Ion: 75 Resp: 6266

Ion	Ratio	Lower	Upper
75	100		
77	377.9	25.4	38.2#





#66
1,2-Dibromo-3-chloropropane
Concen: 4.853 ug/L
RT: 13.05 min Scan# 3642
Delta R.T. 0.03 min
Lab File: VU038541.D
Acq: 04 Jun 2020 11:15

Instrument :
MSVOA_U
ClientSampleId :
F9B27

Tgt Ion: 75 Resp: 20053

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.6	89.4#
157	0.0	79.8	119.6#