Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038275.D
Acq On : 21 May 2020 19:44
Operator : JC/MD
Sample : L2724-13DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 22 01:07:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:03:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	484488	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	468663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	233577	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	118620	2.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 53.60%			
7) Chloroethane-d5	1.93	69	134832	3.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.40%			
11) 1,1-Dichloroethene-d2	2.59	63	182541	2.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 49.20%#			
20) 2-Butanone-d5	4.66	46	524494	47.97	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.94%			
24) Chloroform-d	5.10	84	279946	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
26) 1,2-Dichloroethane-d4	5.74	65	165619	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
32) Benzene-d6	5.76	84	576946	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.20%			
36) 1,2-Dichloropropane-d6	6.72	67	192542	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.00%			
41) Toluene-d8	7.92	98	513545	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
43) trans-1,3-Dichloropropene-	8.20	79	69664	3.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.80%			
46) 2-Hexanone-d5	8.65	63	449260	52.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.80%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	163536	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	202272	4.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.00%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	23072	0.717	ug/L #	71
16) Methylene chloride	3.08	84	2991	0.076	ug/L	88
27) 1,2-Dichloroethane	5.81	62	6420	0.136	ug/L #	73
30) Cyclohexane	5.42	56	21024	0.332	ug/L	97
33) Benzene	5.81	78	687057	4.578	ug/L	100
35) Methylcyclohexane	6.79	83	17988	0.296	ug/L	95
37) 1,2-Dichloropropane	6.72	63	20092	0.493	ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	4288	0.073	ug/L #	40
42) Toluene	7.99	91	106819	0.674	ug/L	99
48) 2-Hexanone	8.71	43	36834	1.780	ug/L #	92
51) Chlorobenzene	9.47	112	2622138	26.669	ug/L	98
52) Ethylbenzene	9.59	91	241945	1.410	ug/L	100
53) m,p-Xylene	9.71	106	35067	0.533	ug/L	90
54) o-Xylene	10.11	106	48495	0.762	ug/L	99
55) Styrene	10.13	104	8275	0.077	ug/L #	43
56) Isopropylbenzene	10.50	105	212887	1.303	ug/L	100
59) 1,2,3-Trichloropropane	11.83	75	30766	1.124	ug/L #	43

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038275.D
Acq On : 21 May 2020 19:44
Operator : JC/MD
Sample : L2724-13DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 22 01:07:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:03:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3-Dichlorobenzene	11.75	146	17477	0.230	ug/L	93
63) 1,4-Dichlorobenzene	11.85	146	88178	1.145	ug/L	96
65) 1,2-Dichlorobenzene	12.22	146	37779	0.517	ug/L	96
69) Naphthalene	14.11	128	63393	0.602	ug/L	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
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Acq On : 21 May 2020 19:44
Operator : JC/MD
Sample : L2724-13DL 20X
Misc : 25.0mL/MSVOA_U/WATER
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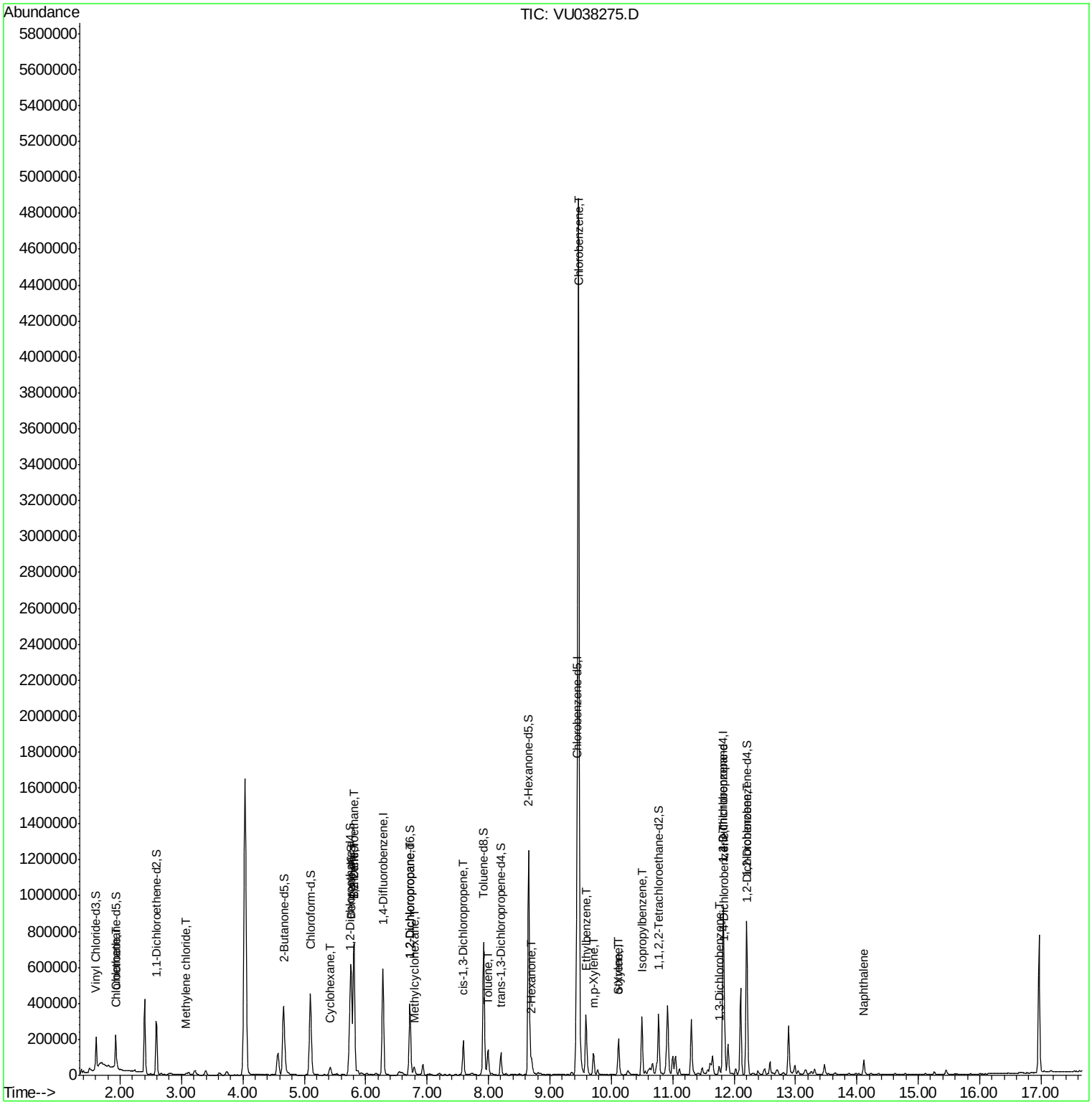
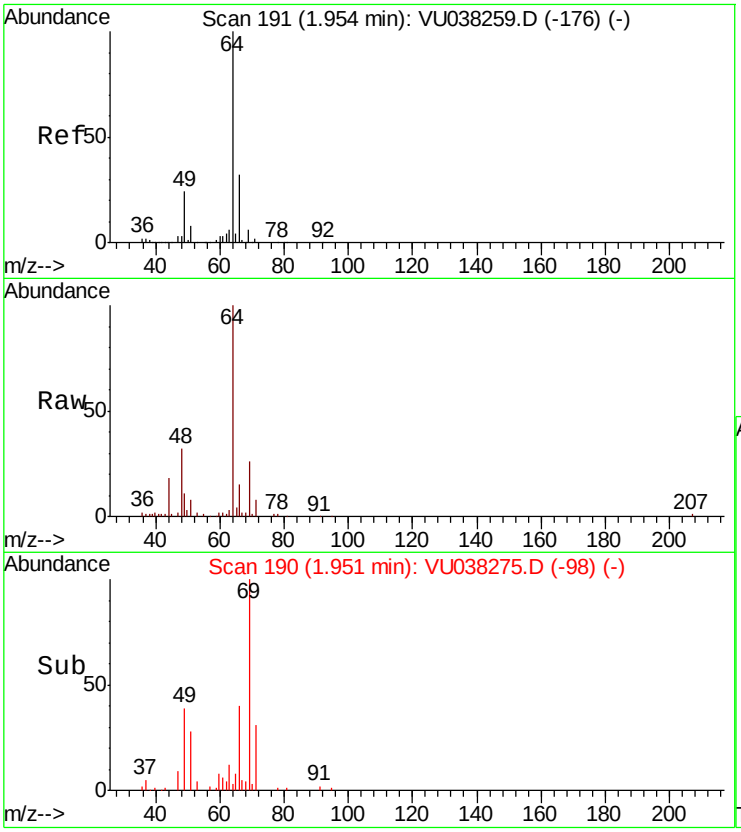
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:03:14 2020
Response via : Initial Calibration



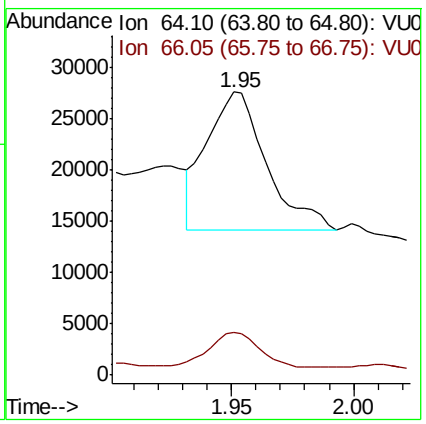


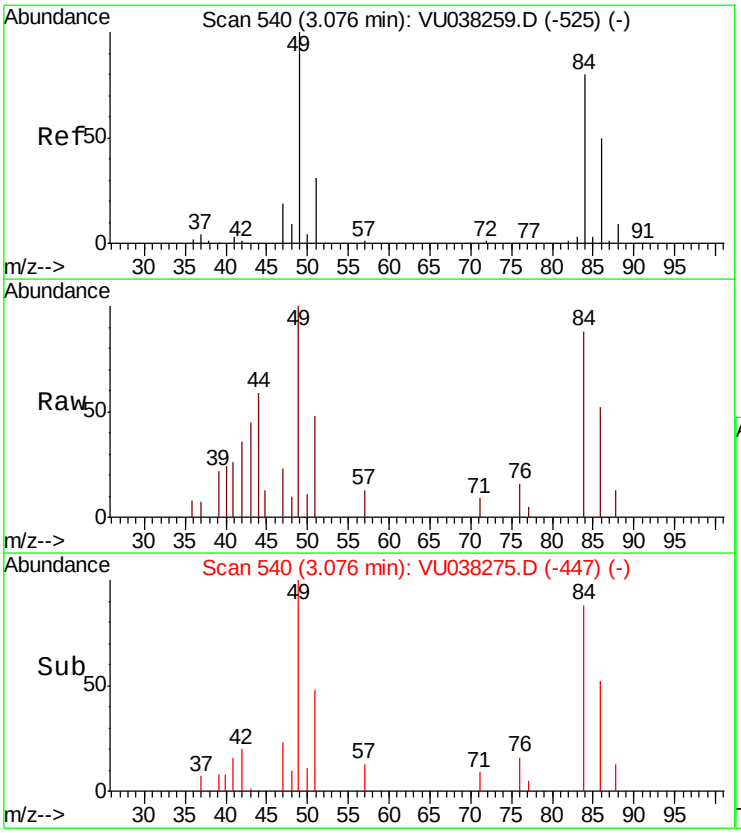
#8
Chloroethane
Concen: 0.717 ug/L
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 23072

Ion	Ratio	Lower	Upper
64	100		
66	15.3	21.8	40.4#

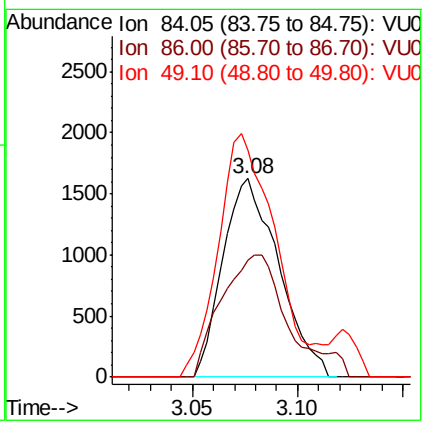


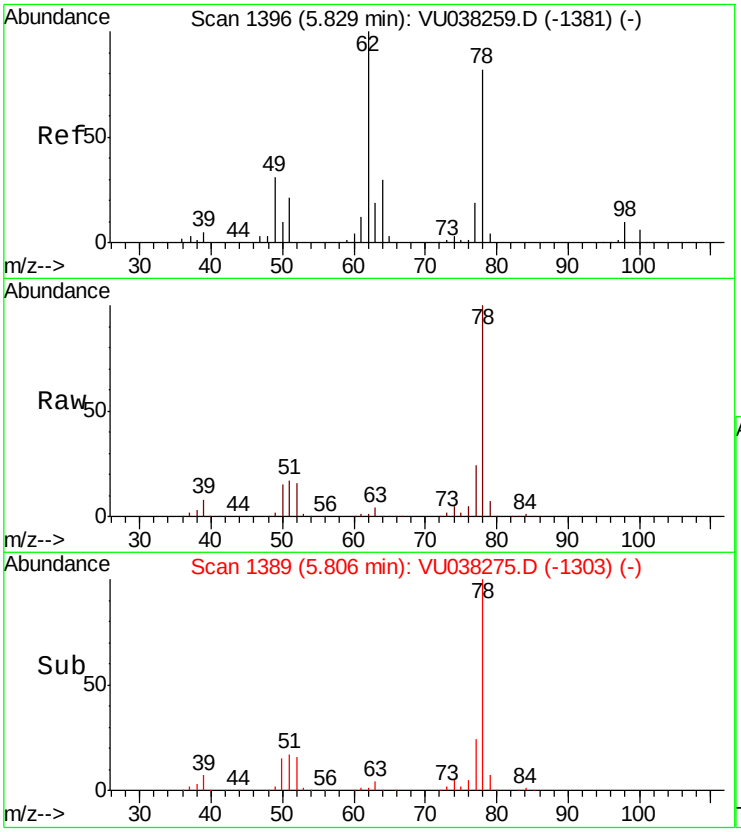


#16
Methylene chloride
Concen: 0.076 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Tgt Ion: 84 Resp: 2991

Ion	Ratio	Lower	Upper
84	100		
86	59.1	44.9	83.3
49	114.1	92.0	170.9



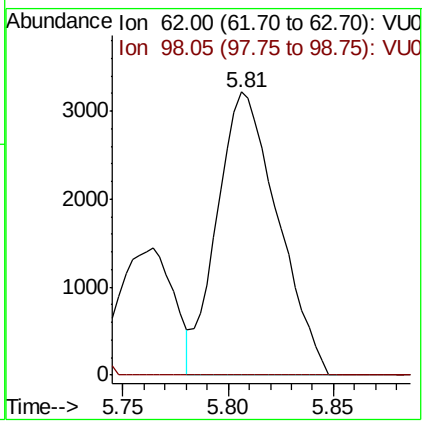


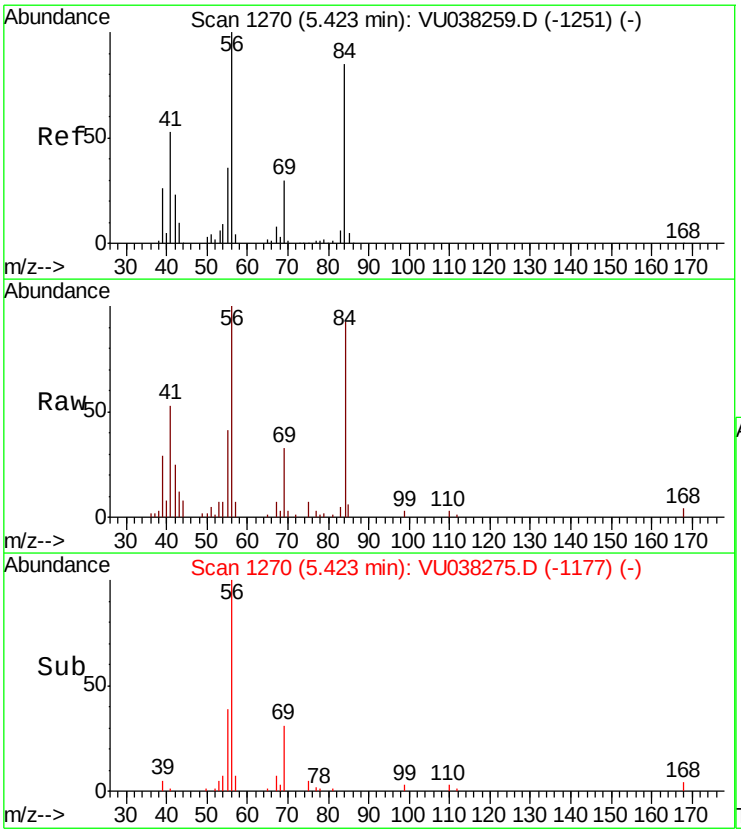
#27
1,2-Dichloroethane
Concen: 0.136 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.02 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 6420

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#

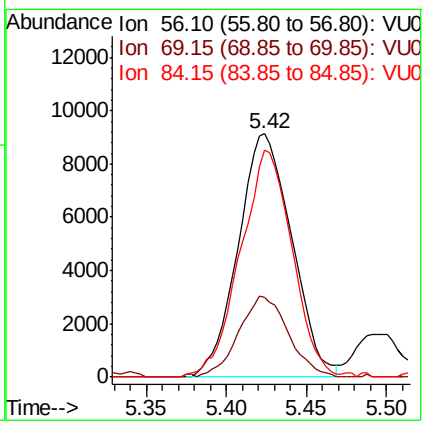


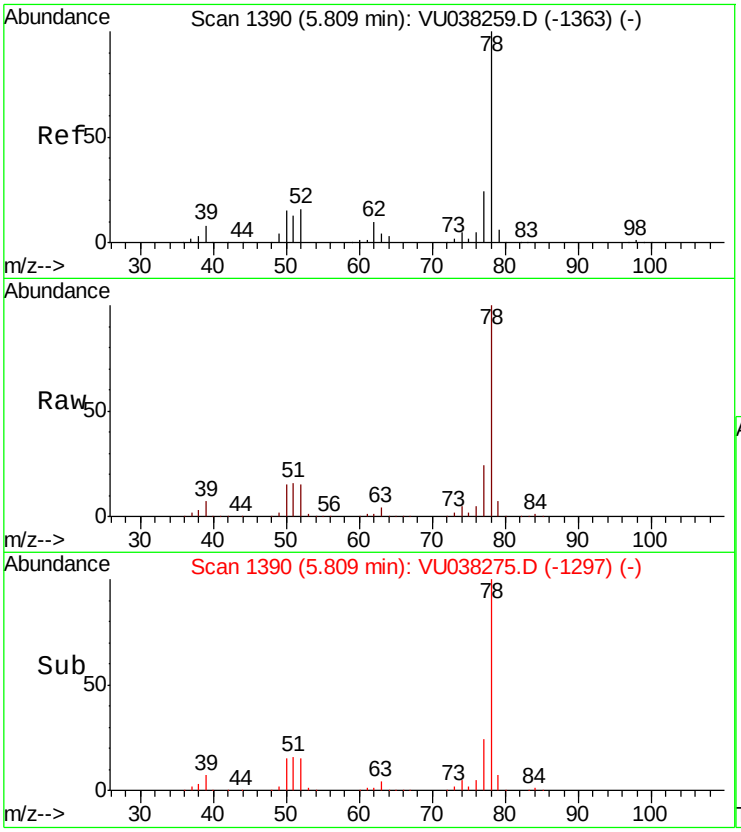


#30
Cyclohexane
Concen: 0.332 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Tgt Ion: 56 Resp: 21024

Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.2	36.4
84	89.7	68.5	102.7

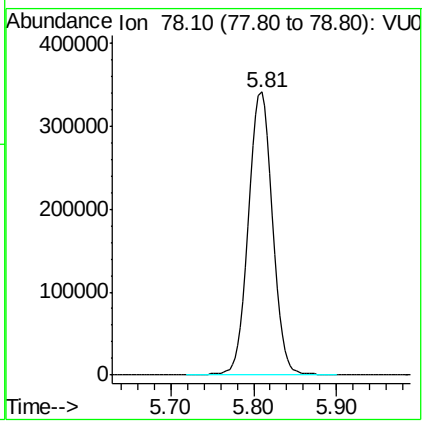


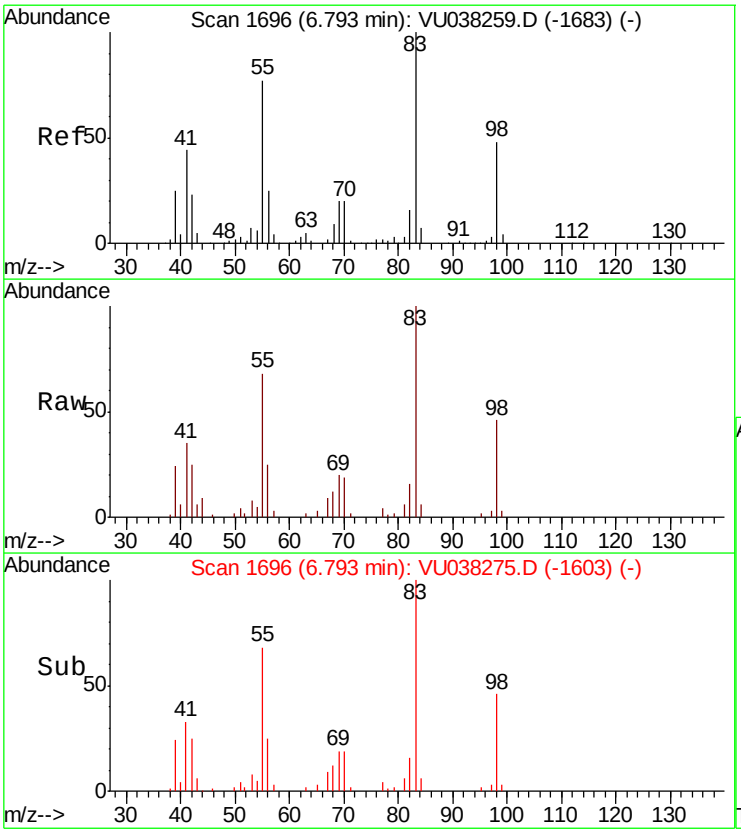


#33
Benzene
Concen: 4.578 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 687057

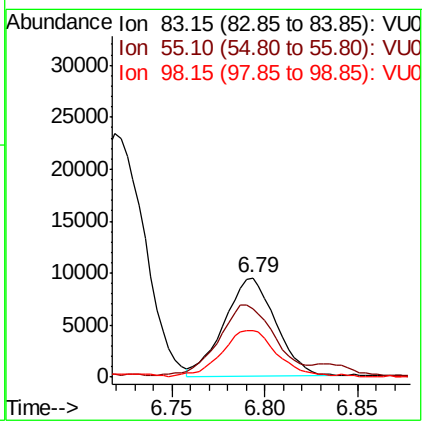


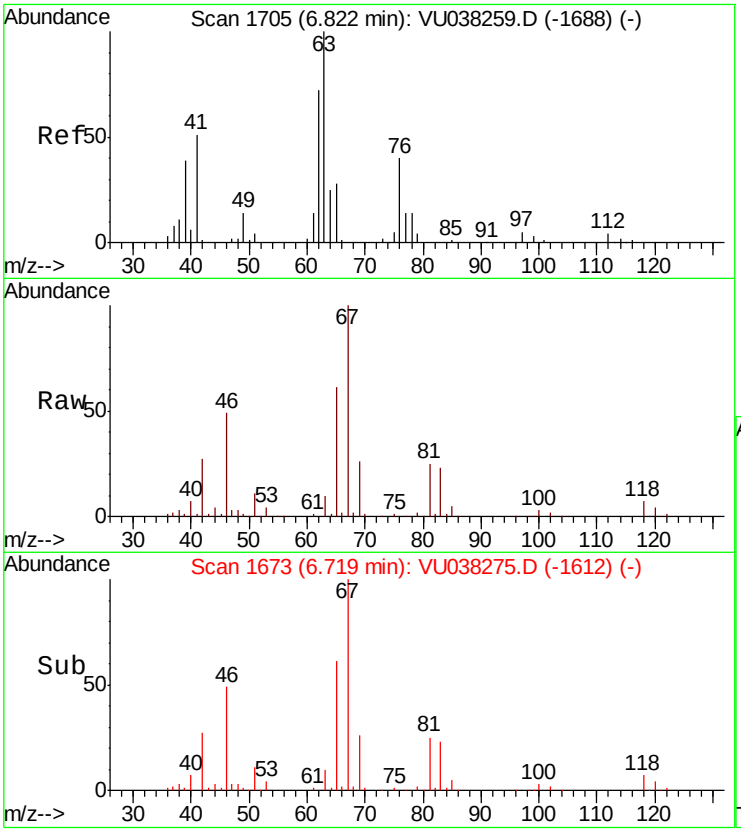


#35
Methylcyclohexane
Concen: 0.296 ug/L
RT: 6.79 min Scan# 1696
Delta R.T. 0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Tgt Ion: 83 Resp: 17988

Ion	Ratio	Lower	Upper
83	100		
55	78.5	66.7	100.1
98	52.9	39.4	59.2



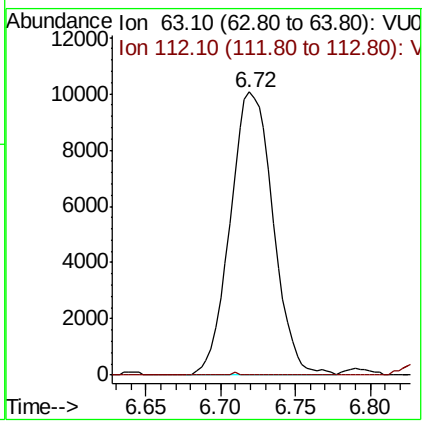


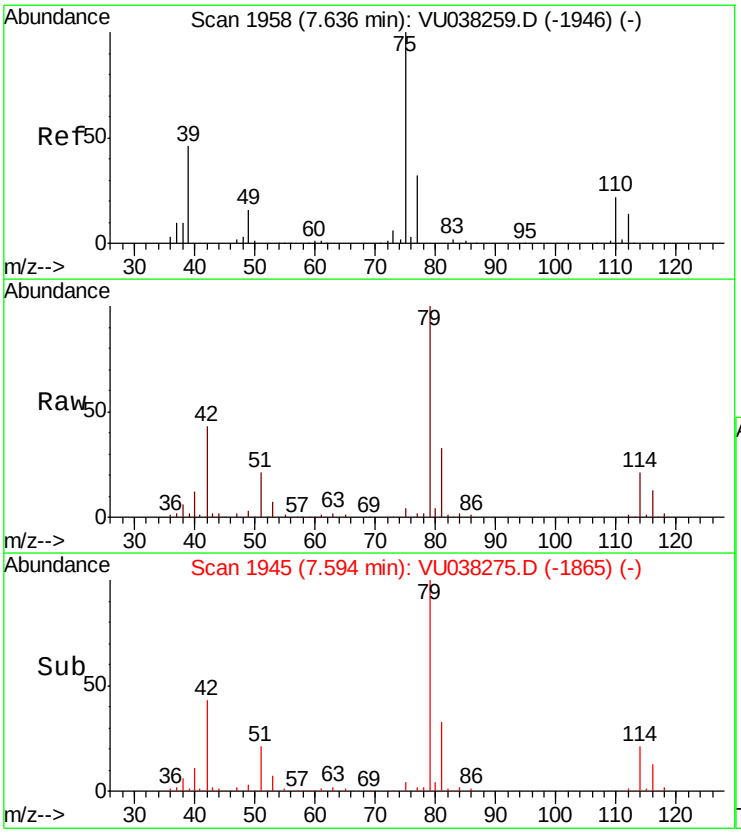
#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 20092

Ion	Ratio	Lower	Upper
63	100		
112	3.2	3.1	4.7

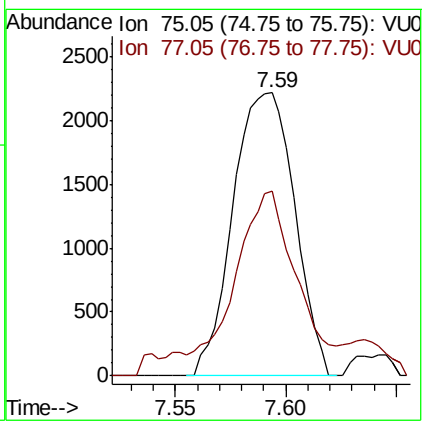


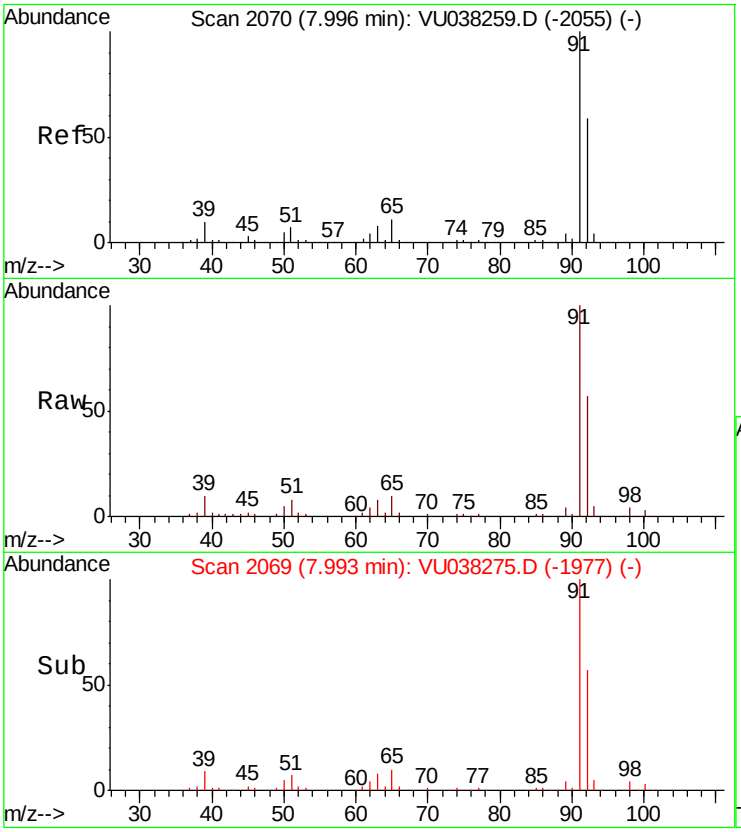


#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Tgt Ion: 75 Resp: 4288

Ion	Ratio	Lower	Upper
75	100		
77	65.5	22.4	41.6#



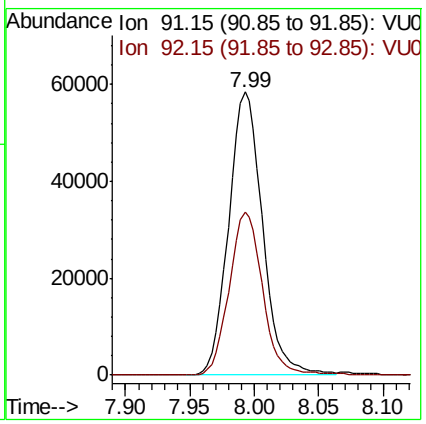


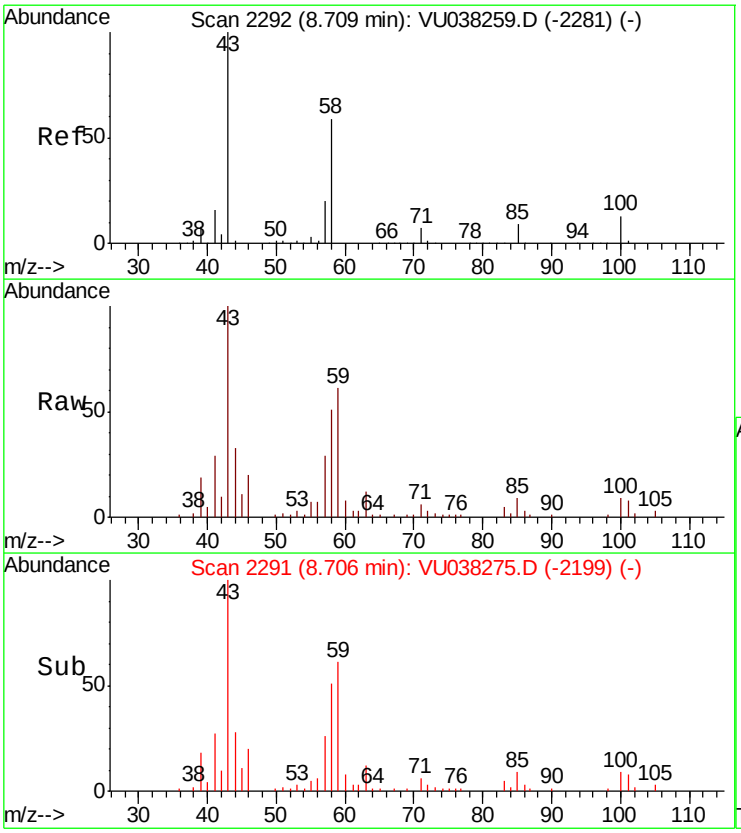
#42
Toluene
Concen: 0.674 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 106819

Ion	Ratio	Lower	Upper
91	100		
92	57.4	40.9	75.9

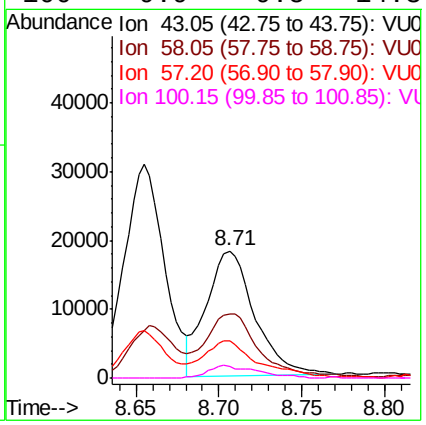


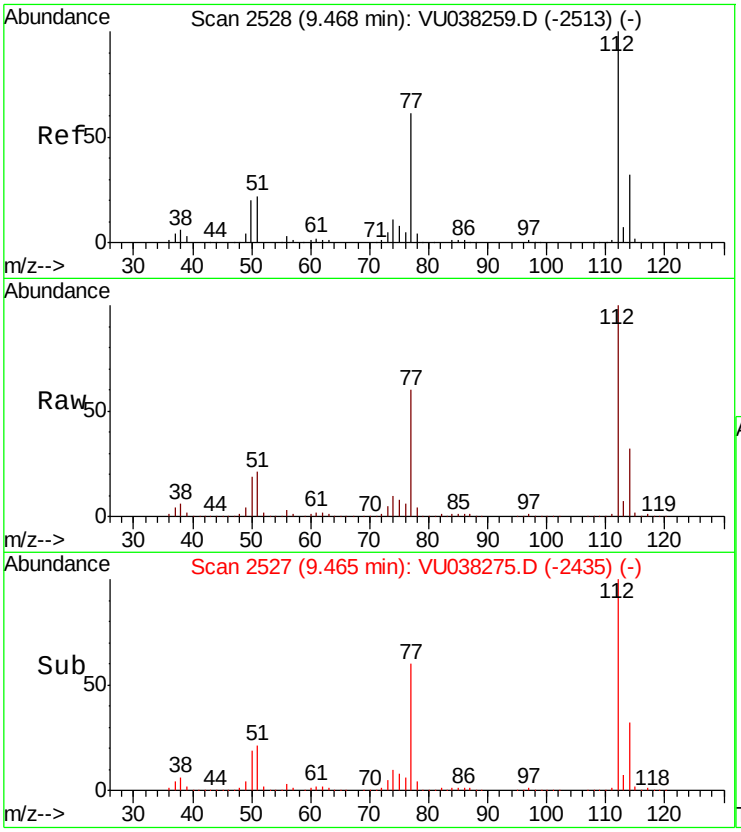


#48
2-Hexanone
Concen: 1.780 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Tgt Ion: 43 Resp: 36834

Ion	Ratio	Lower	Upper
43	100		
58	57.1	45.2	67.8
57	32.4	15.5	23.3#
100	9.9	9.5	14.3



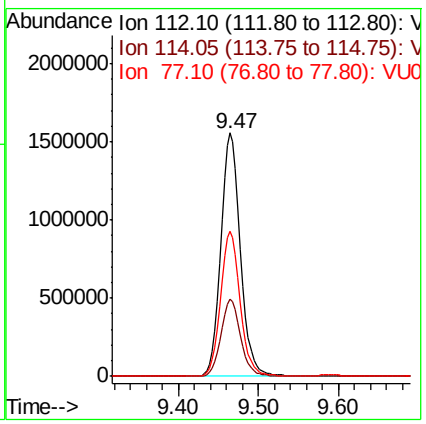


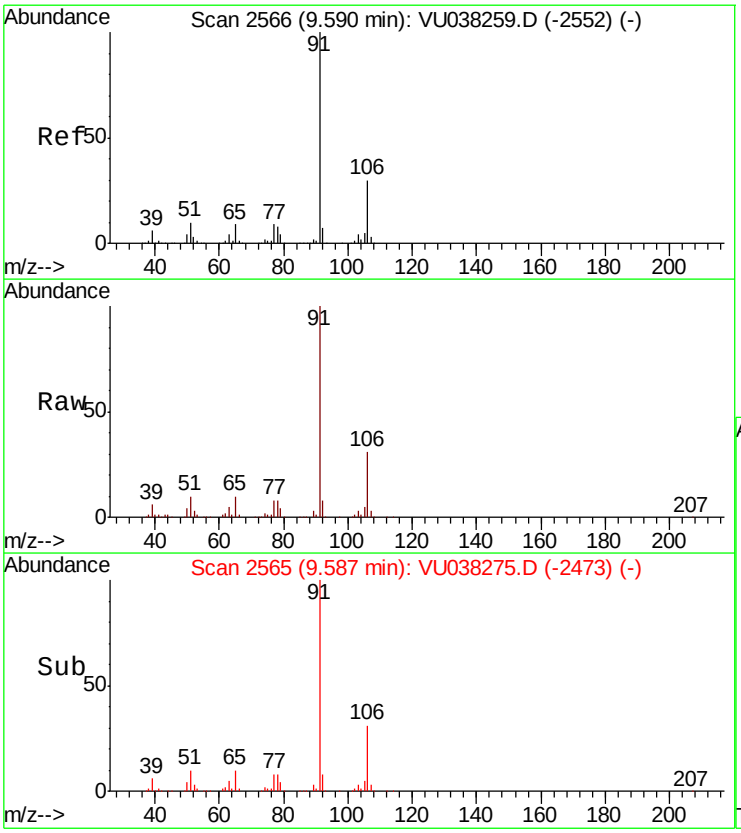
#51
Chlorobenzene
Concen: 26.669 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 2622138

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.5	41.7
77	59.8	49.9	74.9

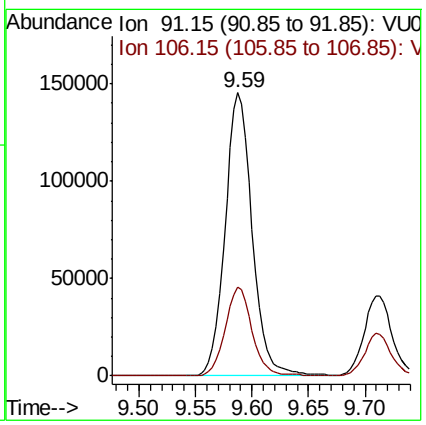


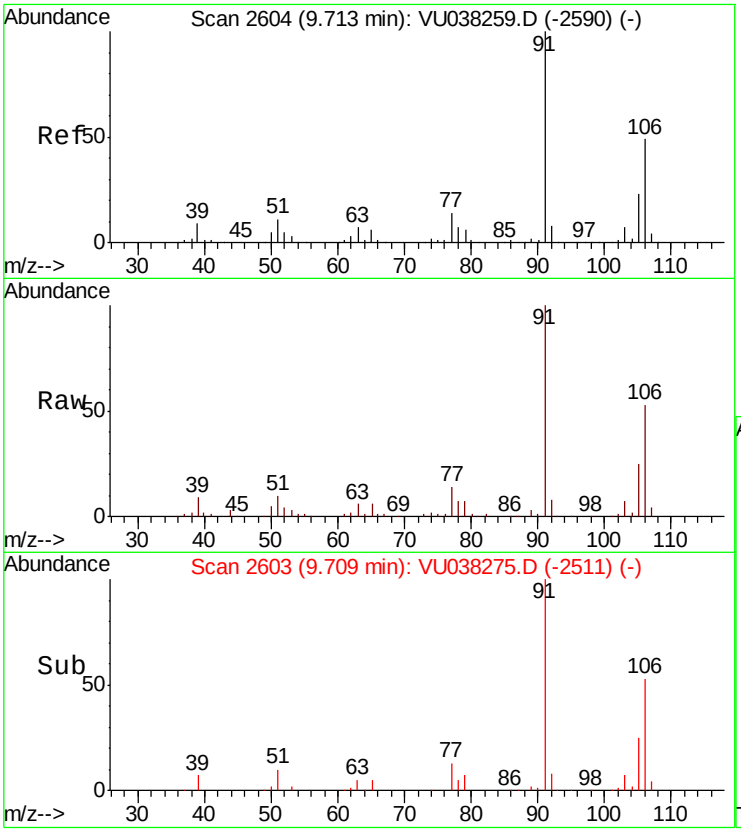


#52
Ethylbenzene
Concen: 1.410 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Tgt Ion: 91 Resp: 241945

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.8	40.4



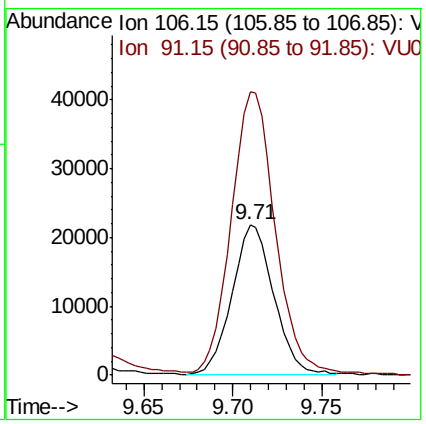


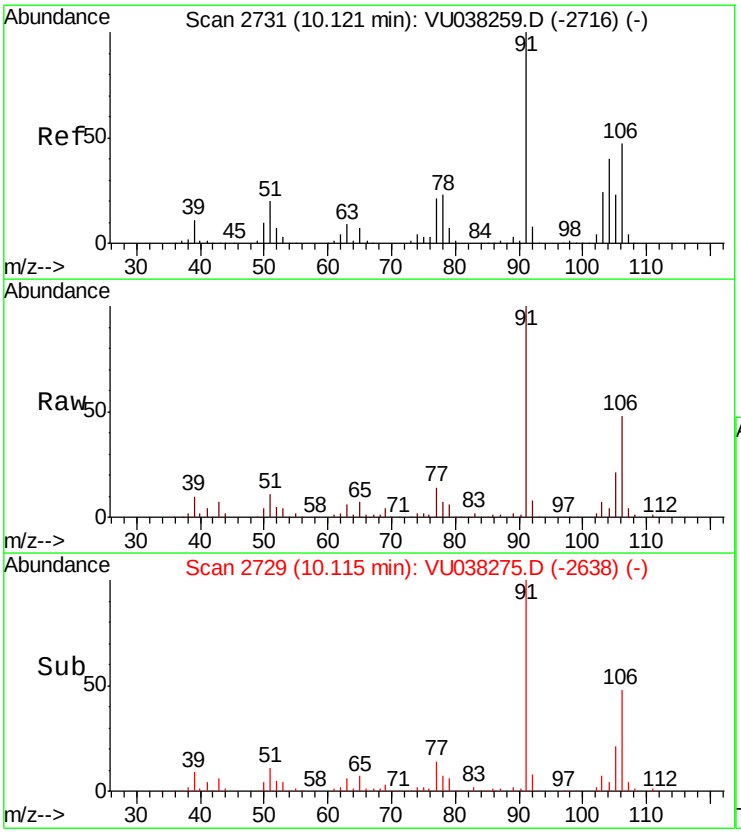
#53
m,p-Xylene
Concen: 0.533 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 35067

Ion	Ratio	Lower	Upper
106	100		
91	188.2	142.1	263.9

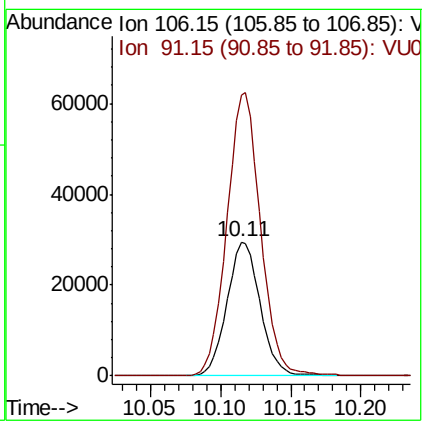


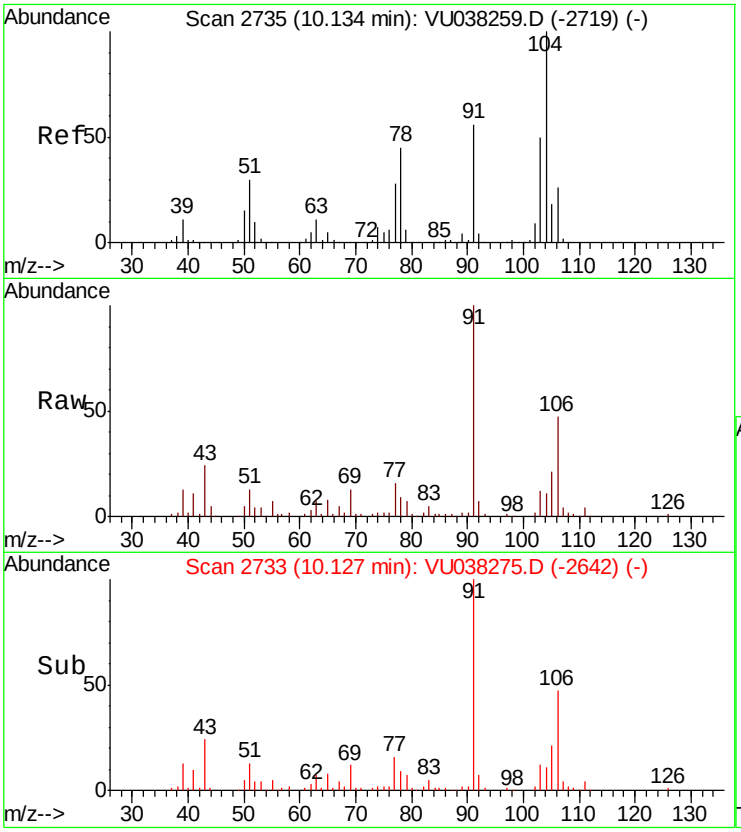


#54
o-Xylene
Concen: 0.762 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.01 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Tgt Ion:106 Resp: 48495

Ion	Ratio	Lower	Upper
106	100		
91	209.9	148.5	275.9



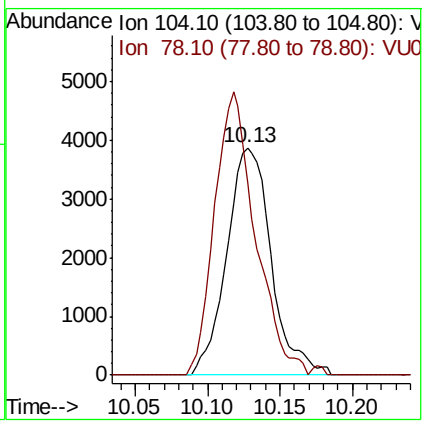


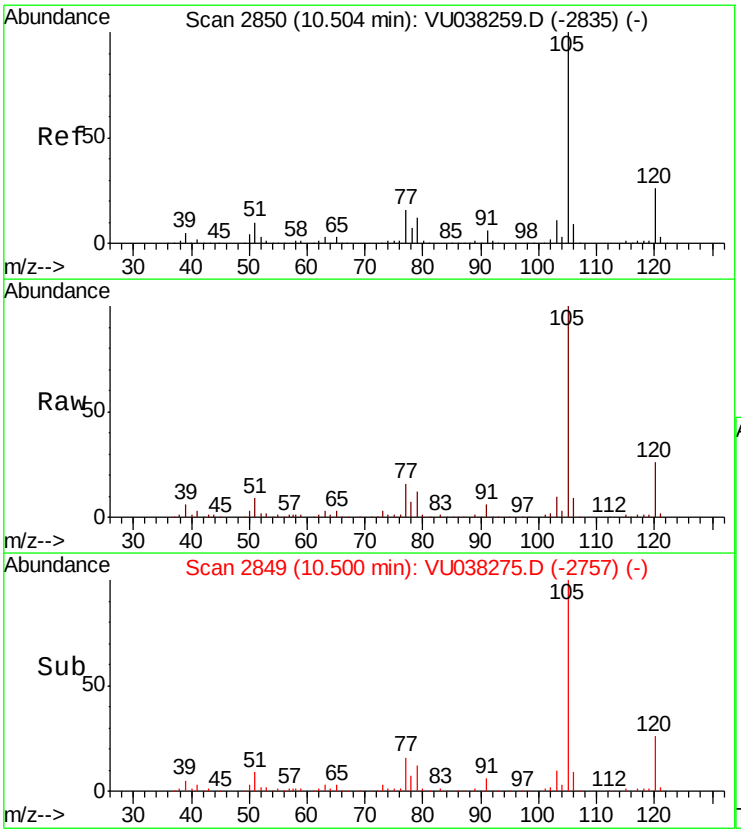
#55
Stvrene
Concen: 0.077 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. -0.01 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:104 Resp: 8275

Ion	Ratio	Lower	Upper
104	100		
78	83.7	32.3	59.9#

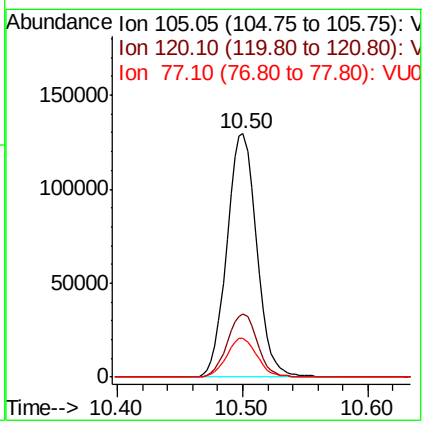


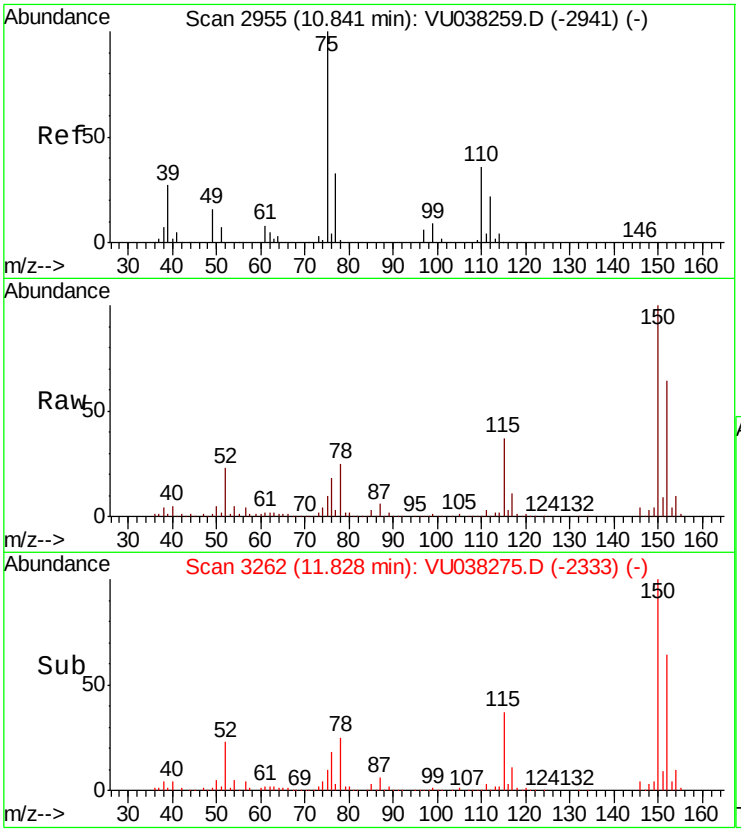


#56
Isopropylbenzene
Concen: 1.303 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Tgt Ion:105 Resp: 212887

Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.0	31.6
77	16.4	13.0	19.4



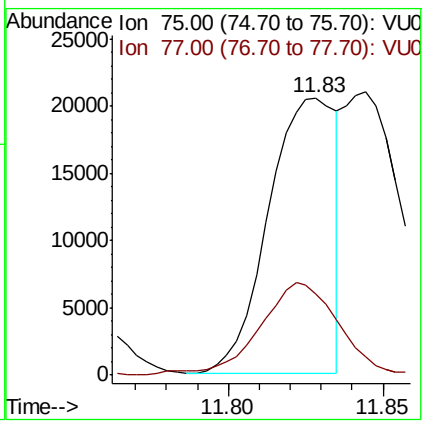


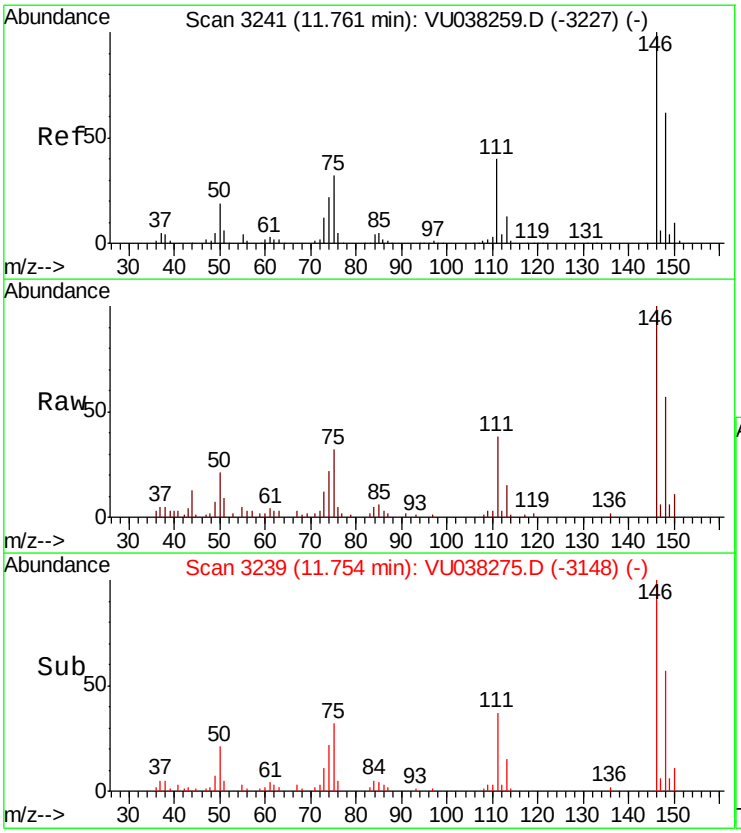
#59
1,2,3-Trichloropropane
Concen: 1.124 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 30766

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

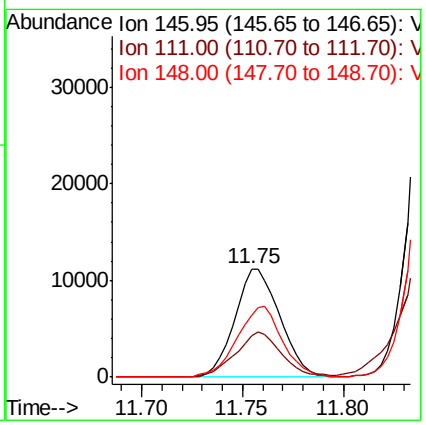


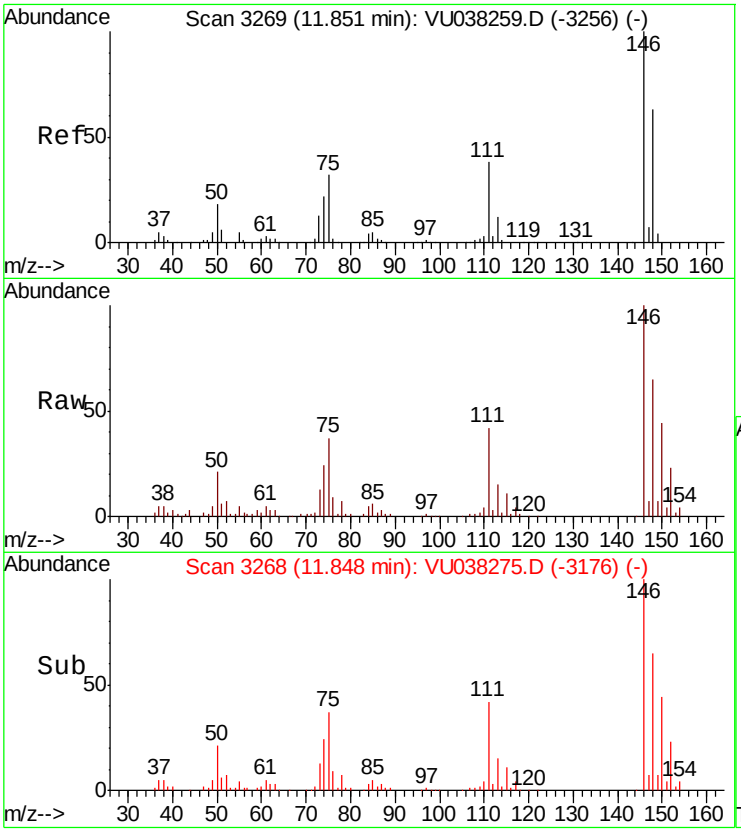


#62
1,3-Dichlorobenzene
Concen: 0.230 ug/L
RT: 11.75 min Scan# 3239
Delta R.T. -0.01 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Tgt Ion:146 Resp: 17477

Ion	Ratio	Lower	Upper
146	100		
111	38.0	28.6	53.2
148	57.3	45.2	84.0



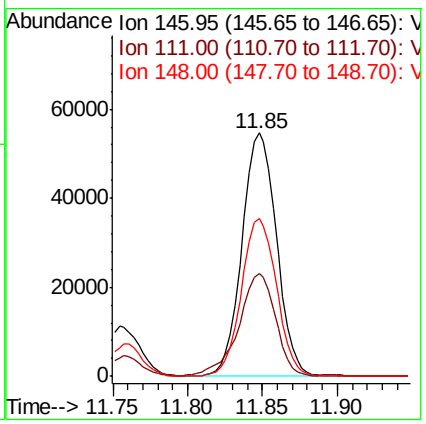


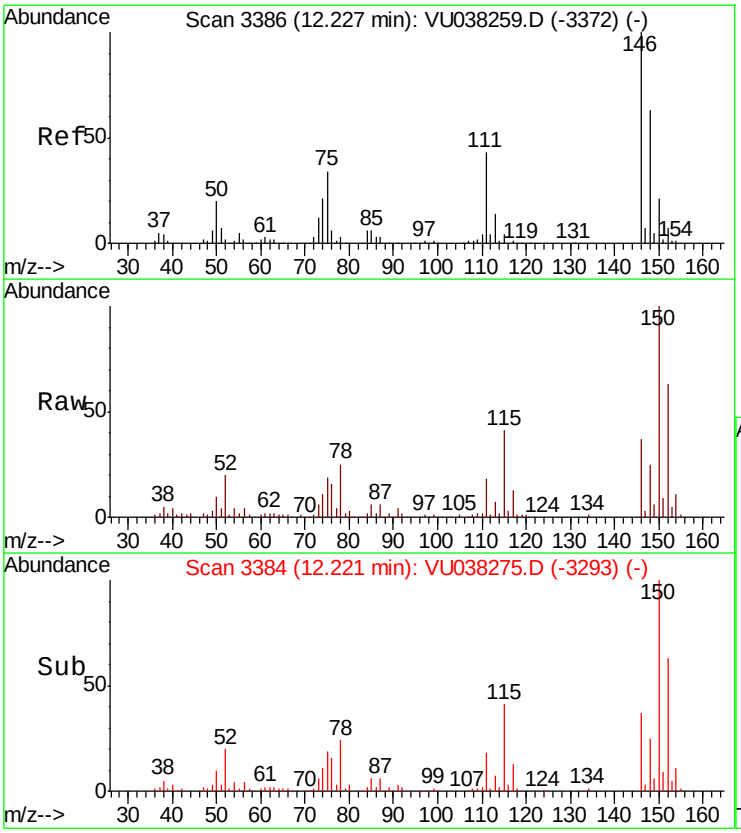
#63
1,4-Dichlorobenzene
Concen: 1.145 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 88178

Ion	Ratio	Lower	Upper
146	100		
111	42.2	27.2	50.6
148	65.0	43.8	81.3

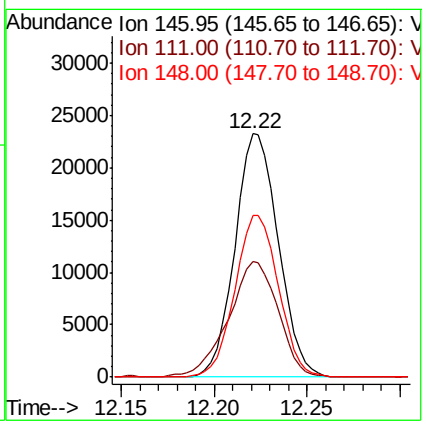


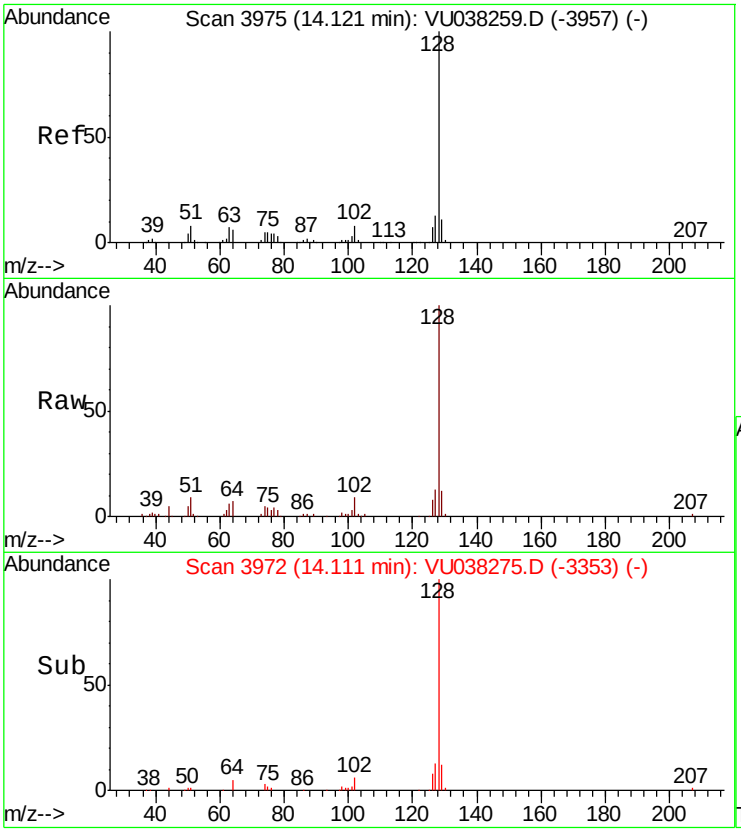


#65
1,2-Dichlorobenzene
Concen: 0.517 ug/L
RT: 12.22 min Scan# 3384
Delta R.T. -0.01 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Tgt Ion:146 Resp: 37779

Ion	Ratio	Lower	Upper
146	100		
111	47.6	35.3	52.9
148	66.3	51.0	76.4





#69
Naphthalene
Concen: 0.602 ug/L
RT: 14.11 min Scan# 3972
Delta R.T. -0.01 min
Lab File: VU038275.D
Acq: 21 May 2020 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 63393

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.0	10.2	15.4