Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052620\
Data File : VU038293.D
Acq On : 26 May 2020 13:22
Operator : JC/MD
Sample : L2724-13DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T9DL

Quant Time: May 27 07:10:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 06:51:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	352648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	339675	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	166677	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	88877	2.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 55.20%			
7) Chloroethane-d5	1.93	69	84309	3.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 60.40%#			
11) 1,1-Dichloroethene-d2	2.59	63	138856	2.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.40%#			
20) 2-Butanone-d5	4.67	46	365545	45.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.86%			
24) Chloroform-d	5.10	84	200835	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.00%			
26) 1,2-Dichloroethane-d4	5.74	65	120122	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
32) Benzene-d6	5.76	84	414907	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.40%			
36) 1,2-Dichloropropane-d6	6.72	67	131019	3.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.80%			
41) Toluene-d8	7.93	98	355001	3.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.60%			
43) trans-1,3-Dichloropropene-	8.20	79	51206	3.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.80%			
46) 2-Hexanone-d5	8.66	63	292292	47.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.08%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113741	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.80%			
64) 1,2-Dichlorobenzene-d4	12.21	152	144127	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	3728	0.159	ug/L	89
30) Cyclohexane	5.42	56	5424	0.118	ug/L	97
33) Benzene	5.81	78	190227	1.749	ug/L	100
35) Methylcyclohexane	6.79	83	4136	0.094	ug/L	94
42) Toluene	8.00	91	29038	0.253	ug/L	99
51) Chlorobenzene	9.47	112	690119	9.685	ug/L	99
52) Ethylbenzene	9.59	91	63512	0.511	ug/L	100
53) m,p-Xylene	9.72	106	9247	0.194	ug/L	83
54) o-Xylene	10.12	106	12963	0.281	ug/L	92
56) Isopropylbenzene	10.50	105	58437	0.493	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	5675	0.105	ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	23683	0.431	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	10635	0.204	ug/L	97

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

Quantitation Report (QT/LSC Reviewed)

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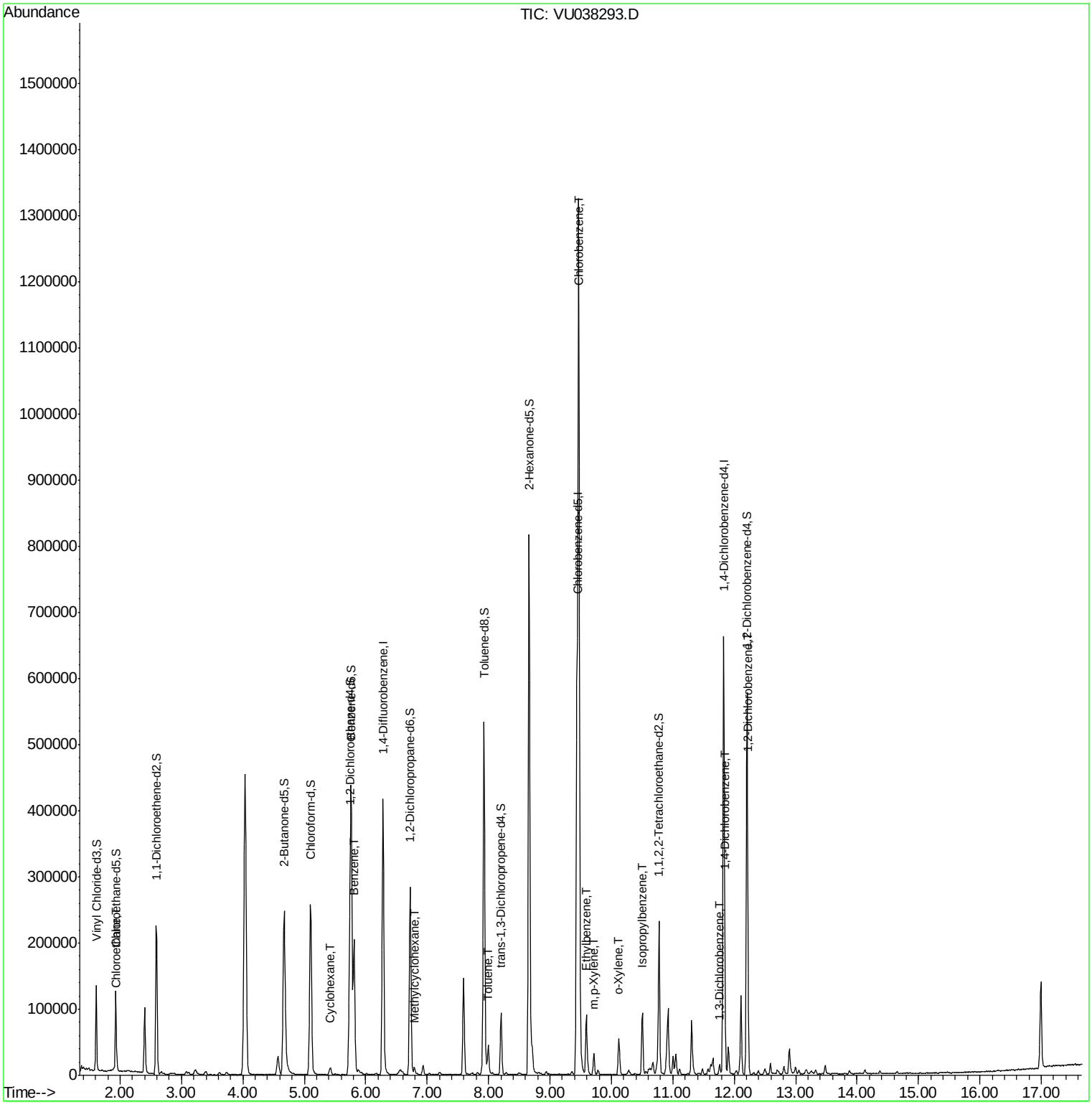
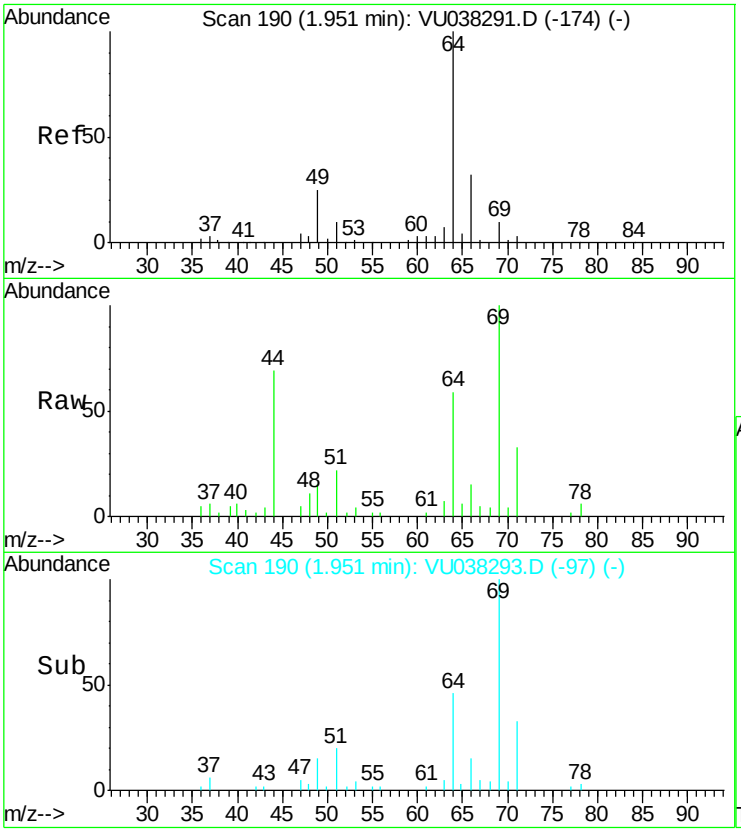
Acq On : 26 May 2020 13:22
Operator : JC/MD
Sample : L2724-13DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Quant Time: May 27 07:10:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 06:51:51 2020
Response via : Initial Calibration



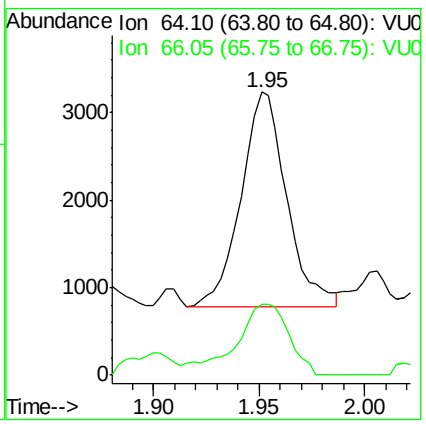


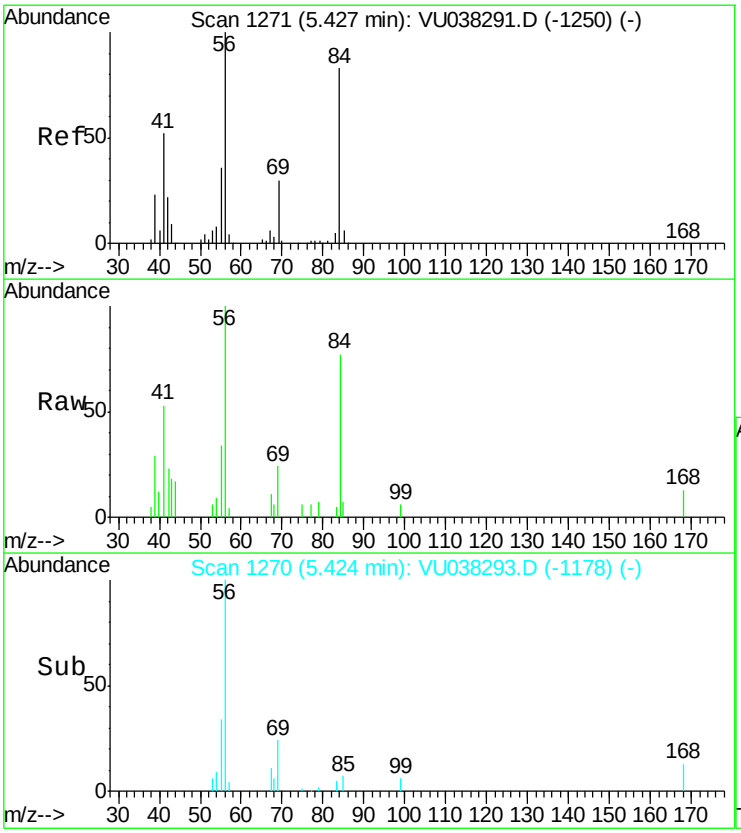
#8
Chloroethane
Concen: 0.159 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Tgt Ion: 64 Resp: 3728

Ion	Ratio	Lower	Upper
64	100		
66	24.9	21.8	40.4

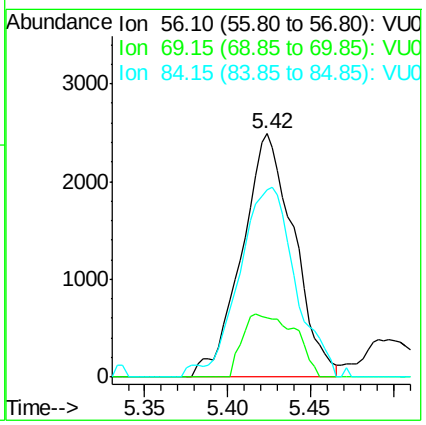


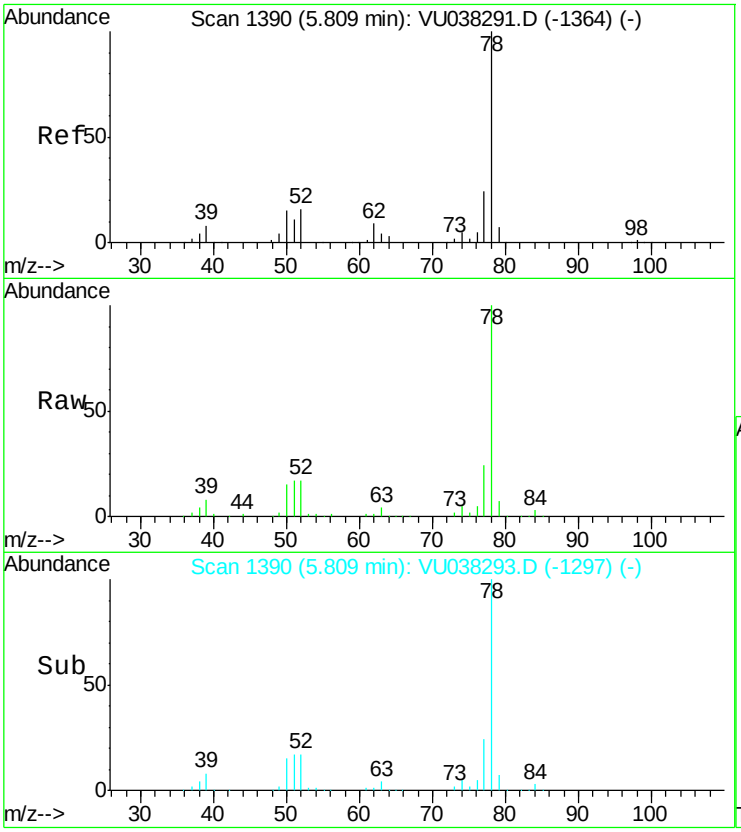


#30
Cyclohexane
Concen: 0.118 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Tgt Ion: 56 Resp: 5424

Ion	Ratio	Lower	Upper
56	100		
69	26.1	24.2	36.4
84	84.2	68.5	102.7

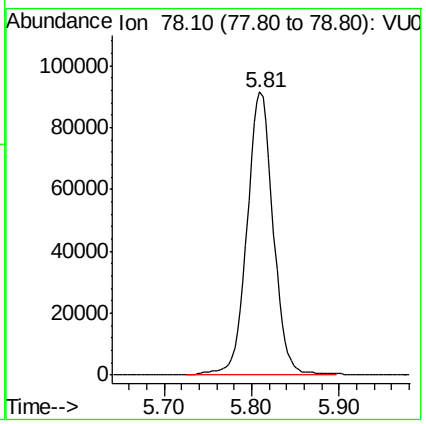


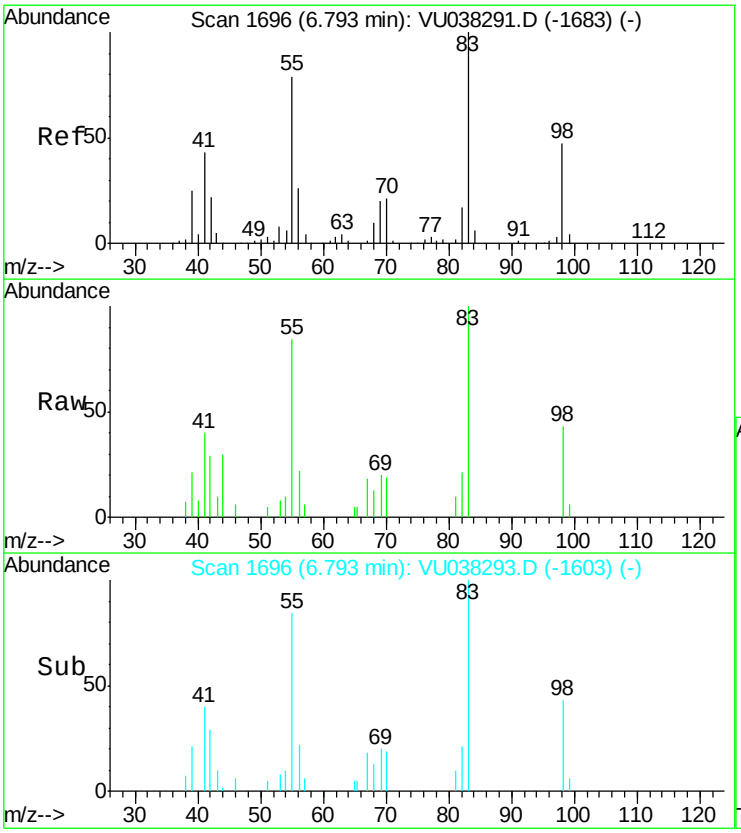


#33
Benzene
Concen: 1.749 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Tgt Ion: 78 Resp: 190227

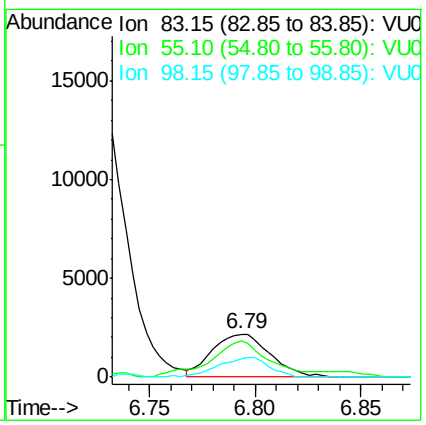


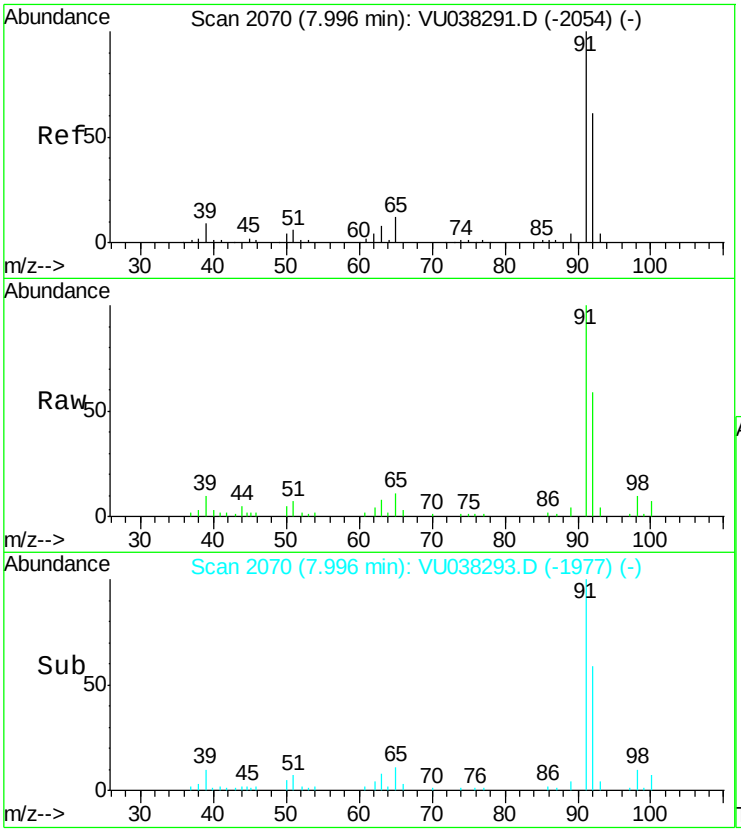


#35
Methylcyclohexane
Concen: 0.094 ug/L
RT: 6.79 min Scan# 1696
Delta R.T. 0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Tgt Ion: 83 Resp: 4136

Ion	Ratio	Lower	Upper
83	100		
55	84.8	66.7	100.1
98	39.9	39.4	59.2



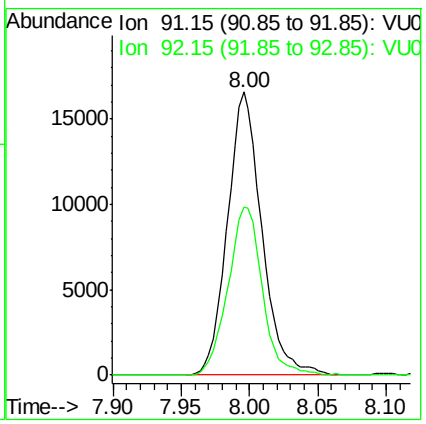


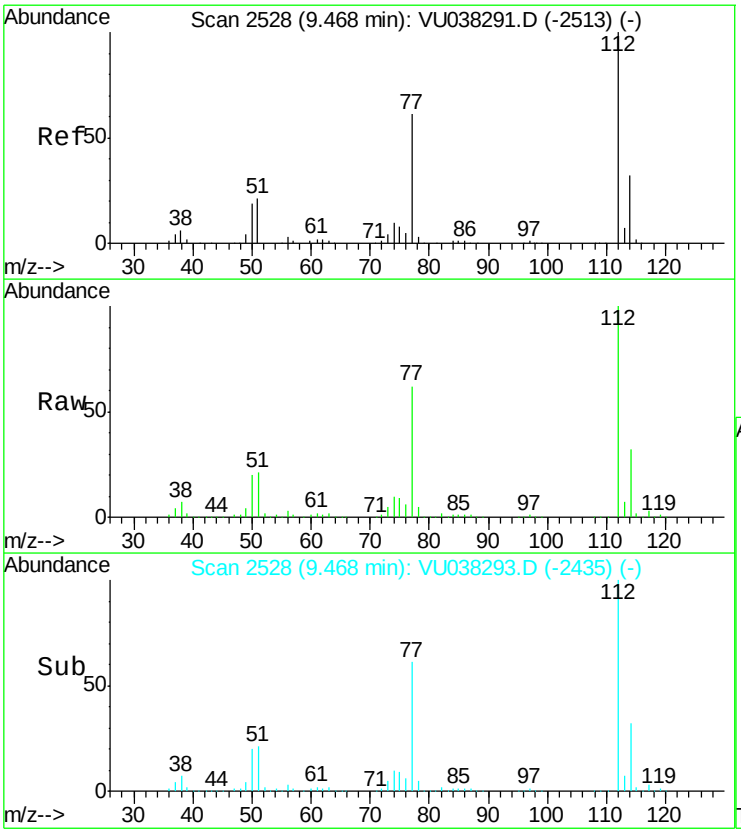
#42
Toluene
Concen: 0.253 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Instrument : MSVOA_U
ClientSampleId : BE4T9DL

Tgt Ion: 91 Resp: 29038

Ion	Ratio	Lower	Upper
91	100		
92	59.4	40.9	75.9

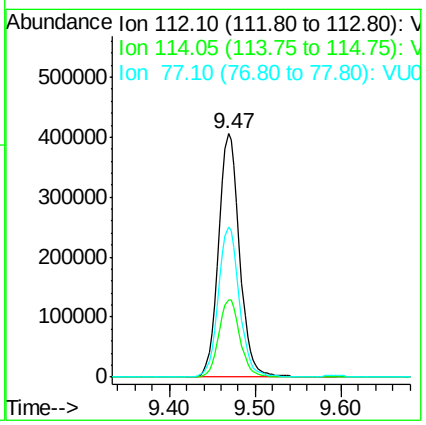


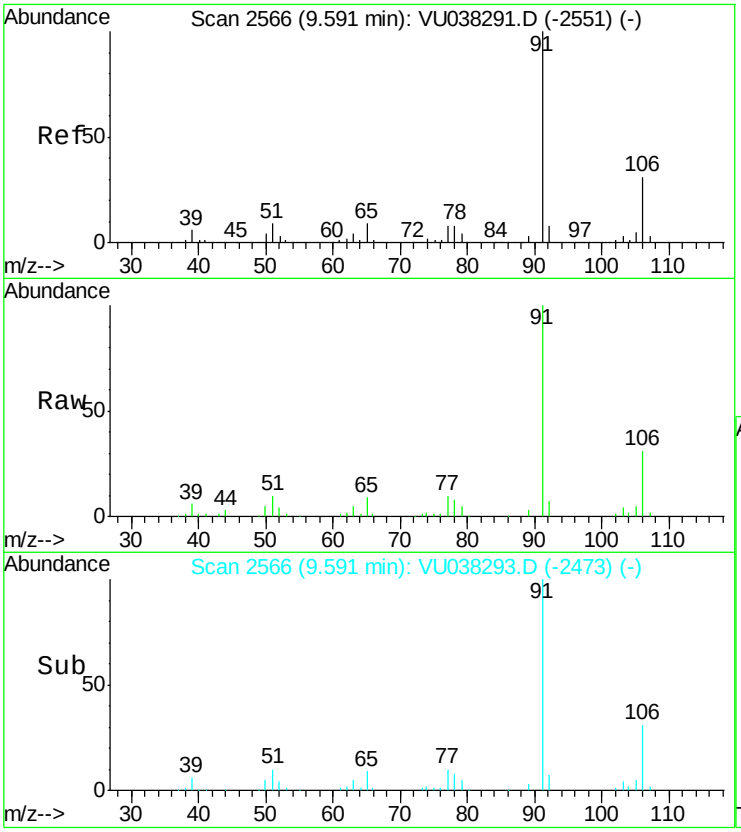


#51
Chlorobenzene
Concen: 9.685 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. 0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Tgt Ion:112 Resp: 690119

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	61.5	49.9	74.9



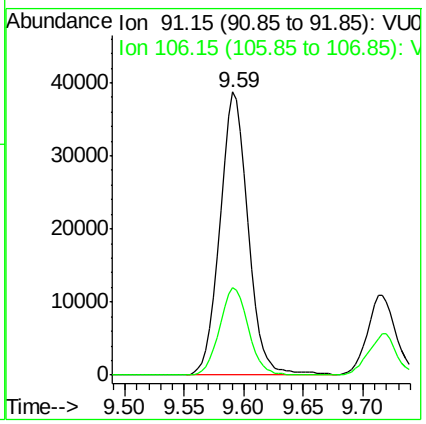


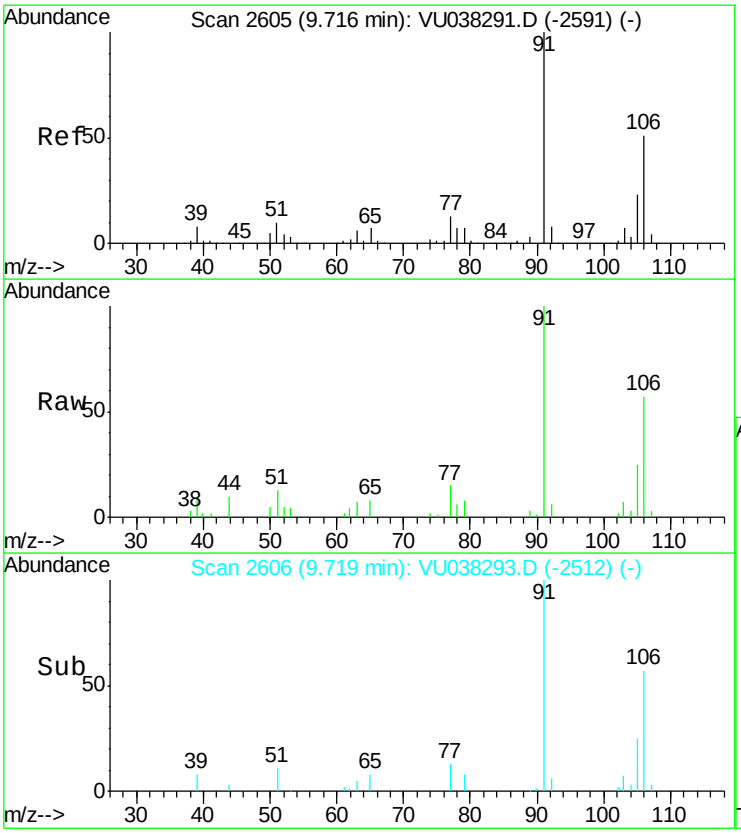
#52
Ethylbenzene
Concen: 0.511 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Instrument : MSVOA_U
ClientSampleId : BE4T9DL

Tgt Ion: 91 Resp: 63512

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.8	40.4

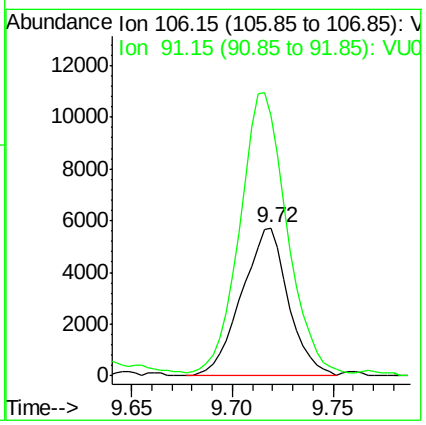


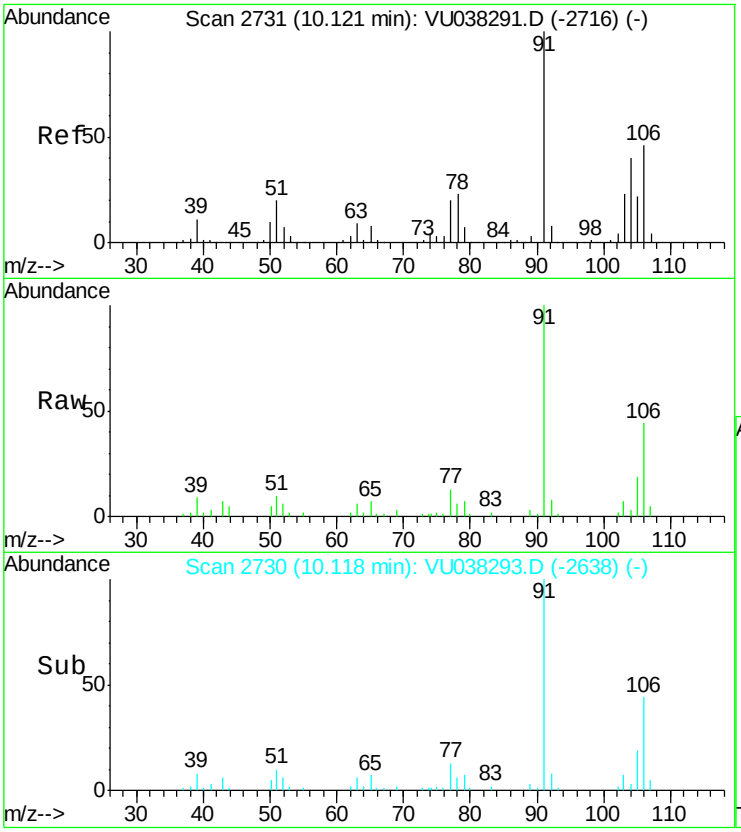


#53
m,p-Xylene
Concen: 0.194 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Tgt Ion:106 Resp: 9247

Ion	Ratio	Lower	Upper
106	100		
91	176.4	142.1	263.9



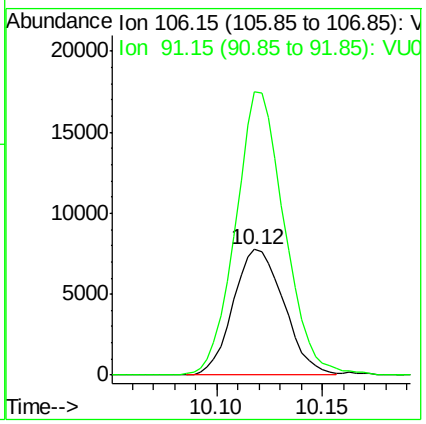


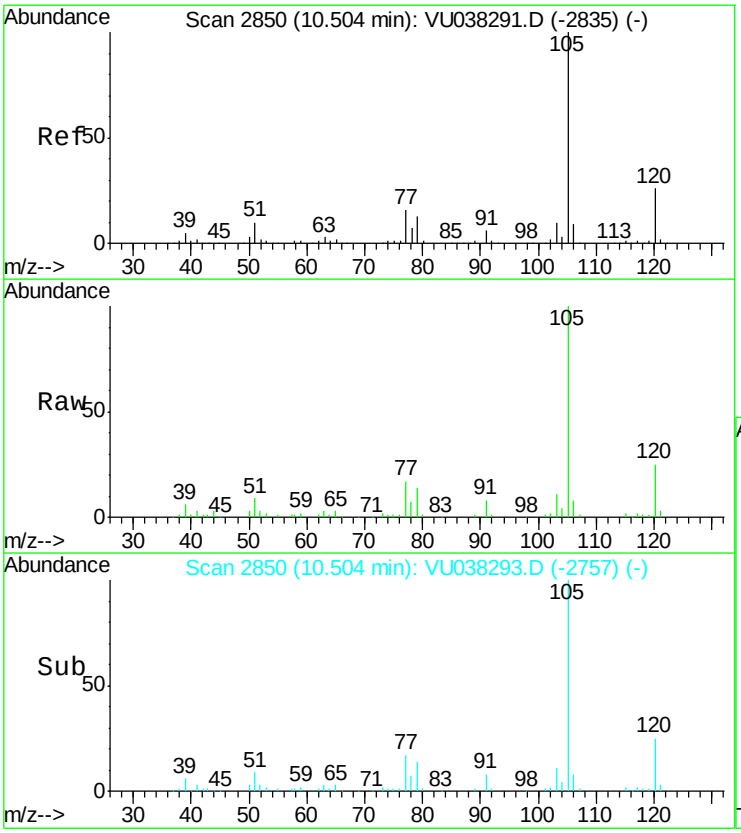
#54
o-Xylene
Concen: 0.281 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Tgt Ion:106 Resp: 12963

Ion	Ratio	Lower	Upper
106	100		
91	225.1	148.5	275.9

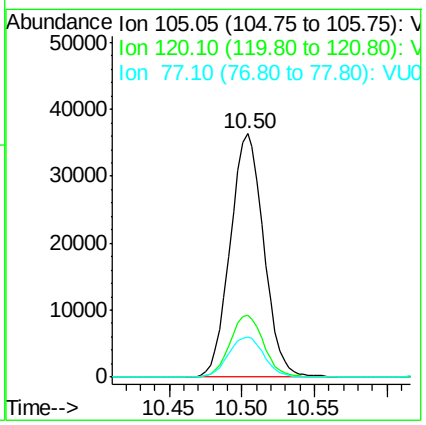


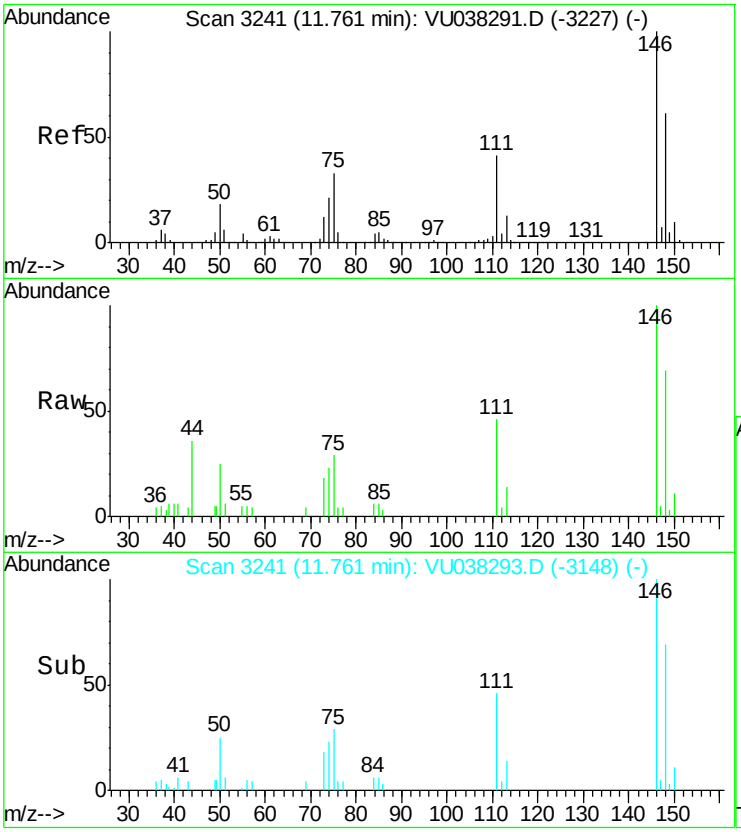


#56
Isopropylbenzene
Concen: 0.493 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Tgt Ion:105 Resp: 58437

Ion	Ratio	Lower	Upper
105	100		
120	25.4	21.0	31.6
77	17.2	13.0	19.4



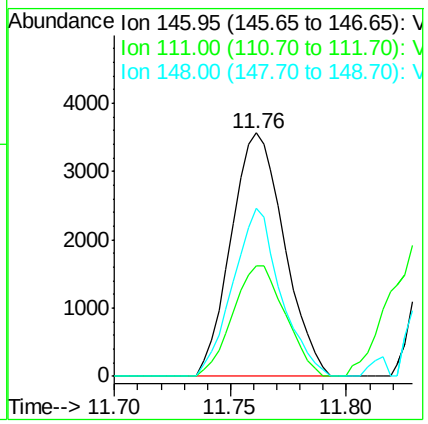


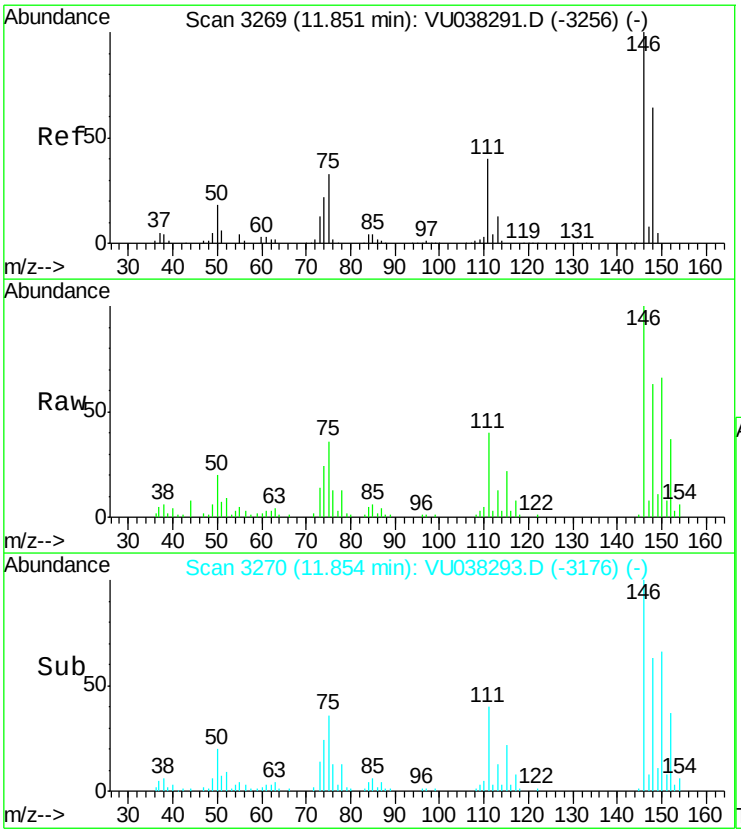
#62
1,3-Dichlorobenzene
Concen: 0.105 ug/L
RT: 11.76 min Scan# 3241
Delta R.T. 0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Tgt Ion:146 Resp: 5675

Ion	Ratio	Lower	Upper
146	100		
111	45.6	28.6	53.2
148	69.1	45.2	84.0

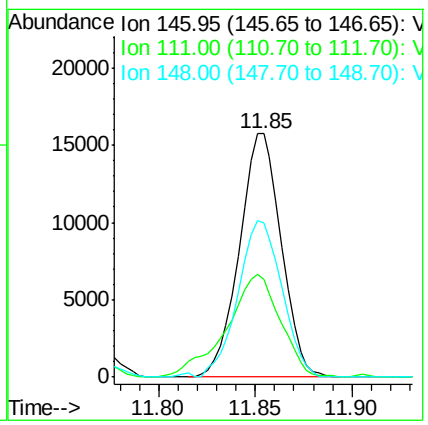


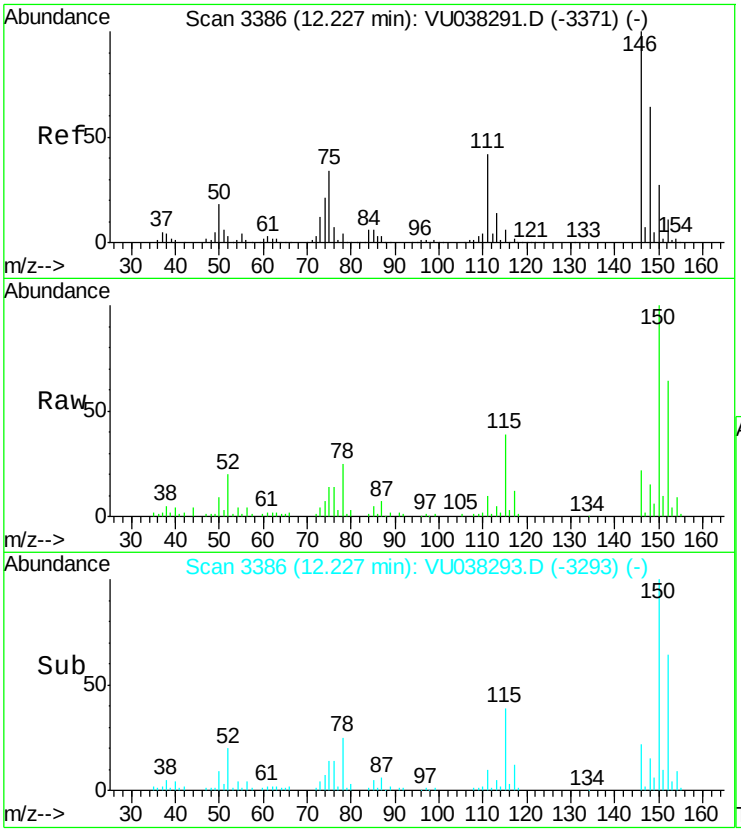


#63
1,4-Dichlorobenzene
Concen: 0.431 ug/L
RT: 11.85 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Tgt Ion:146 Resp: 23683

Ion	Ratio	Lower	Upper
146	100		
111	40.1	27.2	50.6
148	63.1	43.8	81.3





#65
1,2-Dichlorobenzene
Concen: 0.204 ug/L
RT: 12.23 min Scan# 3386
Delta R.T. 0.00 min
Lab File: VU038293.D
Acq: 26 May 2020 13:22

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Tgt Ion:146 Resp: 10635

Ion	Ratio	Lower	Upper
146	100		
111	44.0	35.3	52.9
148	67.8	51.0	76.4